

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
 Data File : BG060932.D
 Acq On : 18 Apr 2024 11:42
 Operator : MA/JU
 Sample : PB160246BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160246BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 18 12:24:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	44341	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	181770	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	158809	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	403569	20.000	ng	0.00
76) Chrysene-d12	21.578	240	389228	20.000	ng	0.00
86) Perylene-d12	24.692	264	455165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	365200	143.060	ng	0.00
7) Phenol-d6	7.106	99	522344	142.039	ng	0.00
23) Nitrobenzene-d5	9.092	82	337530	84.299	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	334532	127.510	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	888504	82.101	ng	0.00
79) Terphenyl-d14	19.939	244	1885050	84.523	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.446	88	37857	36.685	ng	94
3) Pyridine	3.828	79	104887	31.946	ng	95
4) n-Nitrosodimethylamine	3.746	42	87997	42.001	ng	98
6) Aniline	7.265	93	123651	27.597	ng	99
8) 2-Chlorophenol	7.506	128	150799	51.925	ng	98
9) Benzaldehyde	7.077	77	8023	4.062	ng	97
10) Phenol	7.136	94	198497	53.858	ng	98
11) bis(2-Chloroethyl)ether	7.359	93	130822	45.762	ng	98
12) 1,3-Dichlorobenzene	7.829	146	148015	47.968	ng	98
13) 1,4-Dichlorobenzene	7.976	146	149836	47.432	ng	99
14) 1,2-Dichlorobenzene	8.293	146	143102	46.586	ng	97
15) Benzyl Alcohol	8.176	79	147176	46.524	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.458	45	311883	45.143	ng	99
17) 2-Methylphenol	8.381	107	133956	46.000	ng	94
18) Hexachloroethane	9.022	117	53818	47.979	ng	96
19) n-Nitroso-di-n-propyla...	8.740	70	120347	42.964	ng	94
20) 3+4-Methylphenols	8.705	107	185245	45.852	ng	97
22) Acetophenone	8.757	105	230414	44.513	ng	# 99
24) Nitrobenzene	9.134	77	173768	44.221	ng	99
25) Isophorone	9.662	82	318253	43.072	ng	98
26) 2-Nitrophenol	9.844	139	78835	47.755	ng	97
27) 2,4-Dimethylphenol	9.909	122	112331	38.621	ng	96
28) bis(2-Chloroethoxy)met...	10.144	93	184281	44.355	ng	98
29) 2,4-Dichlorophenol	10.385	162	150102	47.565	ng	96
30) 1,2,4-Trichlorobenzene	10.597	180	154317	45.620	ng	96
31) Naphthalene	10.785	128	439409	44.698	ng	98
32) Benzoic acid	10.044	122	107873	45.818	ng	100
33) 4-Chloroaniline	10.890	127	82270	17.857	ng	95
34) Hexachlorobutadiene	11.078	225	108648	45.181	ng	98
35) Caprolactam	11.654	113	54622m	46.912	ng	
36) 4-Chloro-3-methylphenol	12.018	107	180554	47.338	ng	97
37) 2-Methylnaphthalene	12.394	142	323573	43.509	ng	99
38) 1-Methylnaphthalene	12.612	142	302256	43.052	ng	100
40) 1,2,4,5-Tetrachloroben...	12.765	216	216249	44.128	ng	99
41) Hexachlorocyclopentadiene	12.747	237	251216	100.254	ng	99
43) 2,4,6-Trichlorophenol	13.000	196	157359	46.177	ng	99

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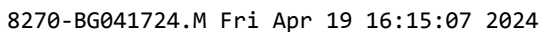
Quant Time: Apr 18 12:24:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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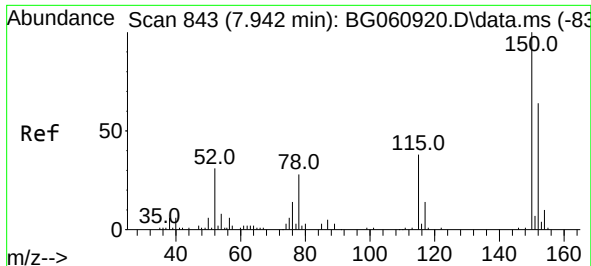
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	175910	42.804	ng	98
46) 1,1'-Biphenyl	13.405	154	479686	44.423	ng	97
47) 2-Chloronaphthalene	13.446	162	380233	46.008	ng	98
48) 2-Nitroaniline	13.640	65	155539	45.863	ng	96
49) Acenaphthylene	14.292	152	656686	46.990	ng	99
50) Dimethylphthalate	14.028	163	557678	44.253	ng	99
51) 2,6-Dinitrotoluene	14.139	165	117190	45.626	ng	99
52) Acenaphthene	14.633	154	367090	43.312	ng	100
53) 3-Nitroaniline	14.468	138	77447	27.468	ng	98
54) 2,4-Dinitrophenol	14.680	184	155403	93.708	ng	99
55) Dibenzofuran	14.968	168	624090	43.590	ng	99
56) 4-Nitrophenol	14.786	139	216489	100.285	ng	92
57) 2,4-Dinitrotoluene	14.933	165	179989	49.039	ng	95
58) Fluorene	15.620	166	522749	44.017	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.197	232	176317	46.702	ng	98
60) Diethylphthalate	15.397	149	564239	44.701	ng	100
61) 4-Chlorophenyl-phenyle...	15.614	204	282913	42.976	ng	99
62) 4-Nitroaniline	15.632	138	131028	43.220	ng	96
63) Azobenzene	15.908	77	530272	44.574	ng	99
65) 4,6-Dinitro-2-methylph...	15.696	198	114723	50.953	ng	96
66) n-Nitrosodiphenylamine	15.826	169	500067	45.139	ng	97
67) 4-Bromophenyl-phenylether	16.507	248	202200	44.725	ng	97
68) Hexachlorobenzene	16.625	284	233907	47.548	ng	98
69) Atrazine	16.783	200	204142	51.272	ng	96
70) Pentachlorophenol	16.966	266	318413	95.575	ng	99
71) Phenanthrene	17.359	178	940469	46.040	ng	98
72) Anthracene	17.447	178	965847	46.030	ng	99
73) Carbazole	17.718	167	863227	47.219	ng	100
74) Di-n-butylphthalate	18.293	149	1018313	46.267	ng	100
75) Fluoranthene	19.369	202	1184229	45.546	ng	99
77) Benzidine	19.551	184	327943	38.198	ng	99
78) Pyrene	19.733	202	1236833	46.322	ng	100
80) Butylbenzylphthalate	20.632	149	445787	45.456	ng	99
81) Benzo(a)anthracene	21.554	228	1297043	47.191	ng	100
82) 3,3'-Dichlorobenzidine	21.472	252	323723	33.074	ng	99
83) Chrysene	21.619	228	1217412	46.390	ng	100
84) Bis(2-ethylhexyl)phtha...	21.490	149	653511	45.065	ng	99
85) Di-n-octyl phthalate	22.676	149	1140974	45.599	ng	100
87) Indeno(1,2,3-cd)pyrene	28.241	276	1548747	49.205	ng	99
88) Benzo(b)fluoranthene	23.711	252	1268605	49.261	ng	99
89) Benzo(k)fluoranthene	23.781	252	1262711	47.929	ng	98
90) Benzo(a)pyrene	24.551	252	1183202	46.600	ng	99
91) Dibenzo(a,h)anthracene	28.317	278	1262044	48.711	ng	97
92) Benzo(g,h,i)perylene	29.345	276	1184809	46.776	ng	98

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

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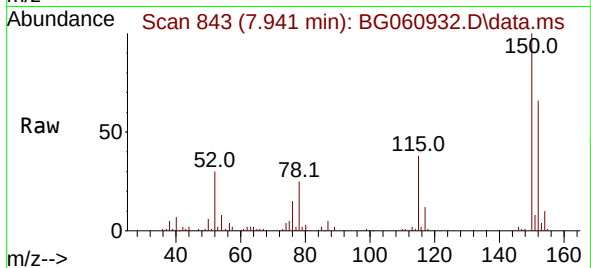
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.941 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: BG060932.D
 Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS



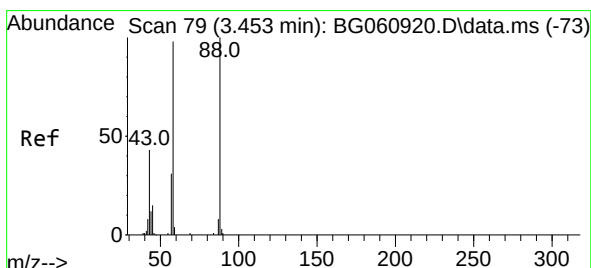
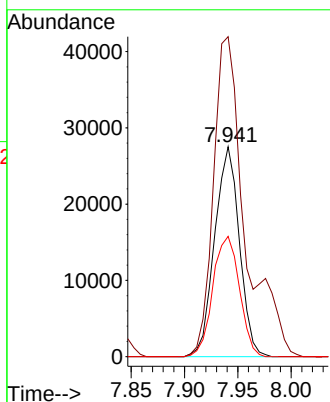
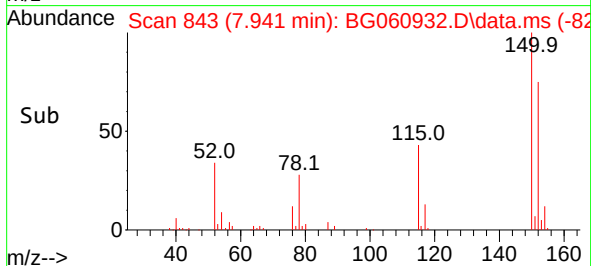
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 Ion Ratio Lower Upper
 152 100
 150 152.4 125.6 188.4
 115 57.3 47.1 70.7

Manual Integrations

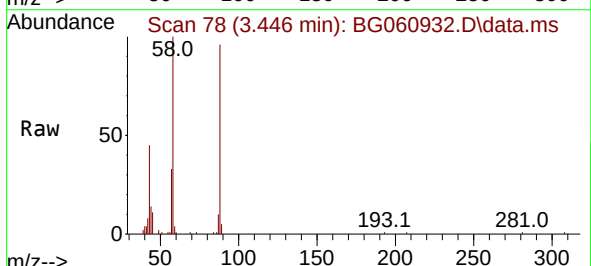
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

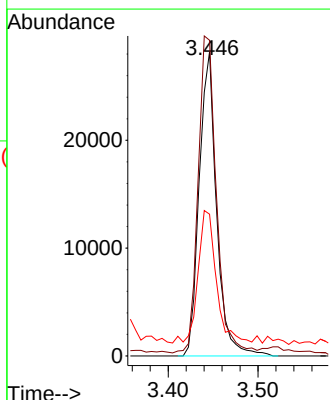
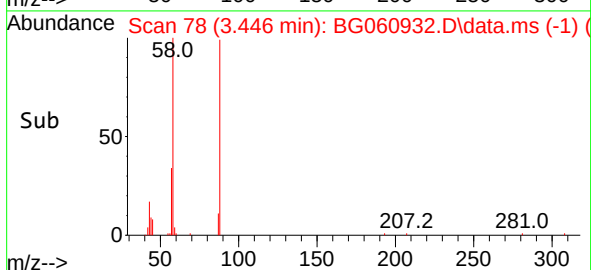
Supervised By :mohammad ahmed 04/22/2024

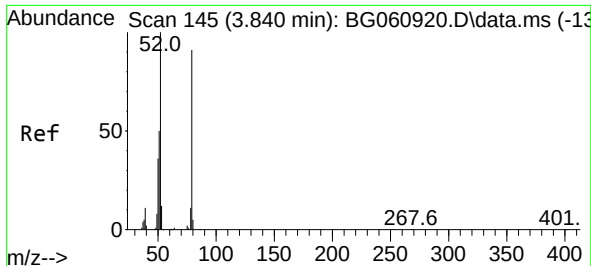


#2
 1,4-Dioxane
 Concen: 36.685 ng
 RT: 3.446 min Scan# 78
 Delta R.T. -0.007 min
 Lab File: BG060932.D
 Acq: 18 Apr 2024 11:42



Tgt Ion: 88 Resp: 37857
 Ion Ratio Lower Upper
 88 100
 58 110.1 82.1 123.1
 43 45.6 35.2 52.8





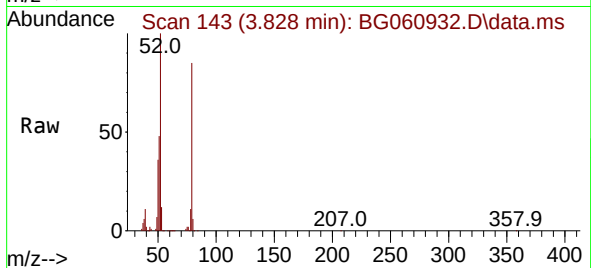
#3
Pyridine
Concen: 31.946 ng
RT: 3.828 min Scan# 145
Delta R.T. -0.012 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

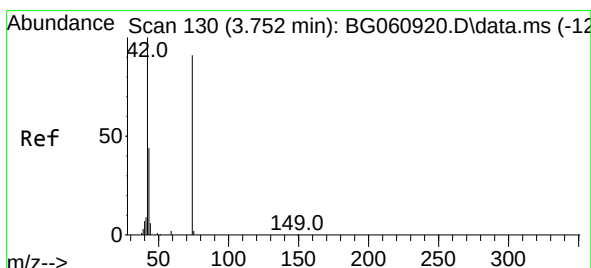
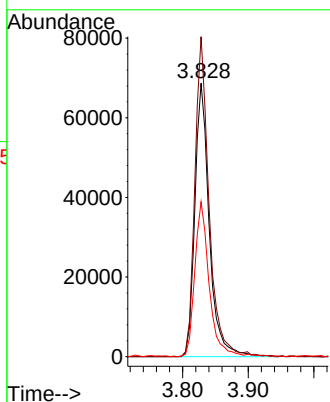
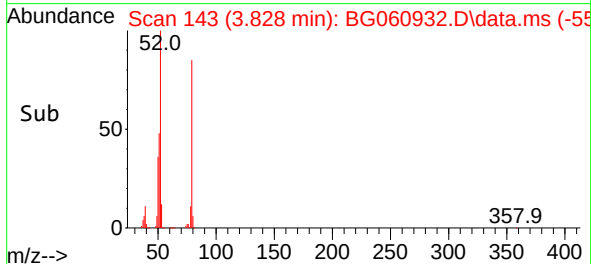
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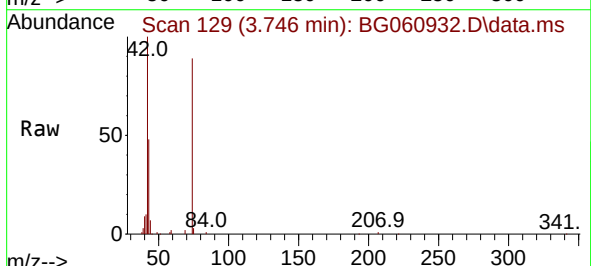
Tgt Ion: 79 Resp: 10488
Ion Ratio Lower Upper
79 100
52 117.0 87.8 131.8
51 56.6 44.1 66.1

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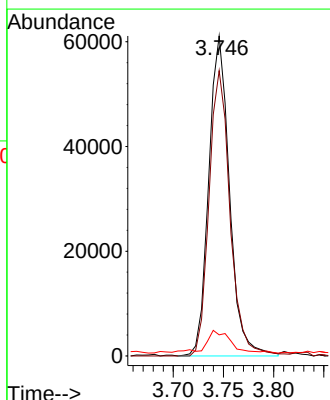
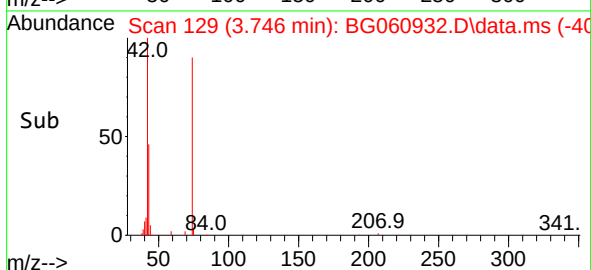
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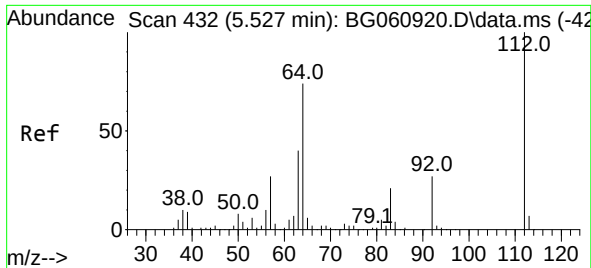


#4
n-Nitrosodimethylamine
Concen: 42.001 ng
RT: 3.746 min Scan# 129
Delta R.T. -0.007 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42



Tgt Ion: 42 Resp: 87997
Ion Ratio Lower Upper
42 100
74 89.1 73.2 109.8
44 6.6 5.6 8.4





#5
2-Fluorophenol
Concen: 143.060 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS

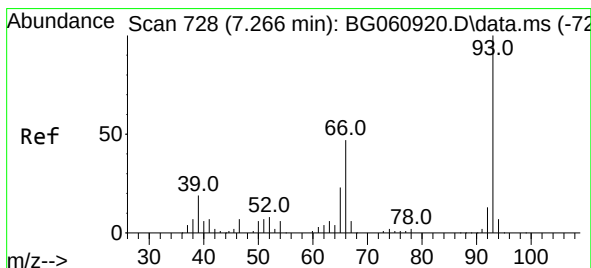
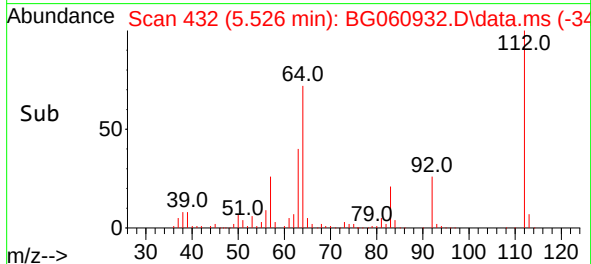
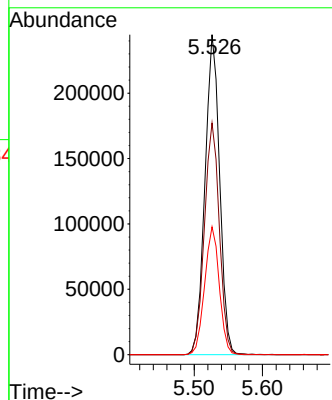
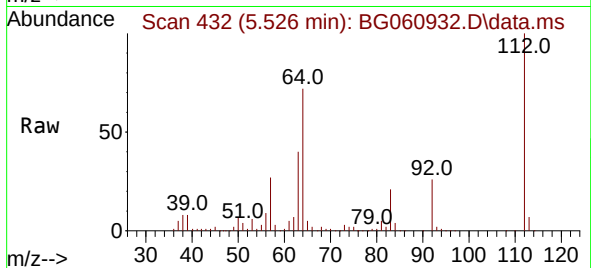
Tgt Ion:112 Resp: 365200
Ion Ratio Lower Upper
112 100
64 72.4 58.9 88.3
63 40.0 32.1 48.1

Manual Integrations

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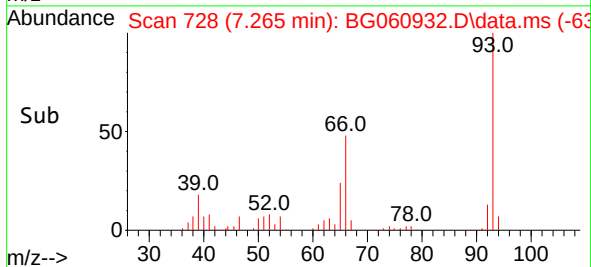
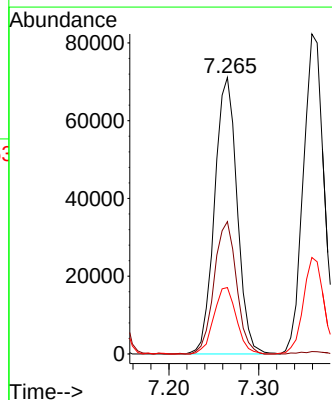
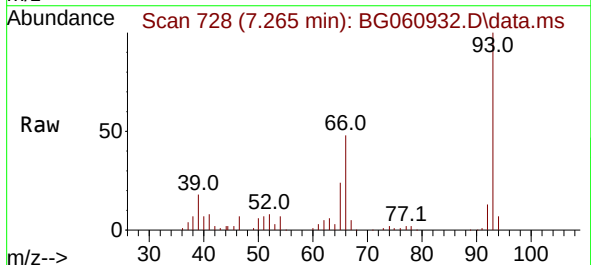
Reviewed By :Yogesh Patel 04/22/2024

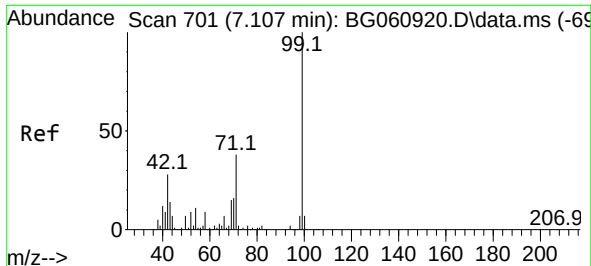
Supervised By :mohammad ahmed 04/22/2024



#6
Aniline
Concen: 27.597 ng
RT: 7.265 min Scan# 728
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

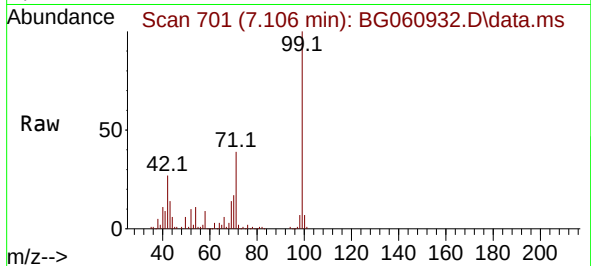
Tgt Ion: 93 Resp: 123651
Ion Ratio Lower Upper
93 100
66 47.9 37.8 56.8
65 24.0 18.7 28.1





#7
Phenol-d6
Concen: 142.039 ng
RT: 7.106 min Scan# 701
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

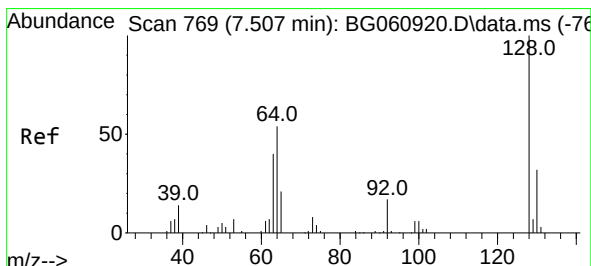
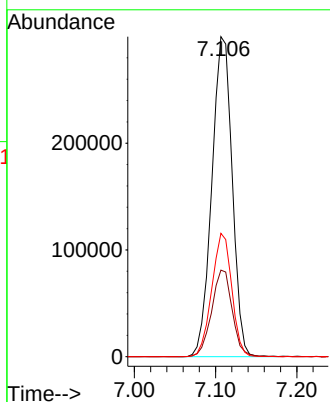
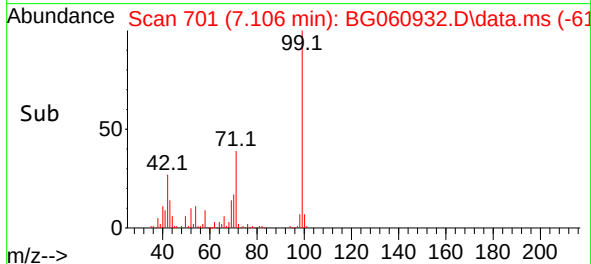
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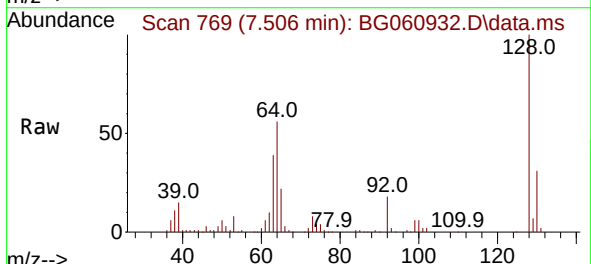
Tgt Ion: 99 Resp: 522344
Ion Ratio Lower Upper
99 100
42 27.1 22.2 33.2
71 38.5 30.5 45.7

Manual Integrations
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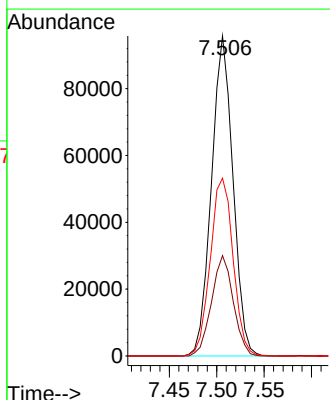
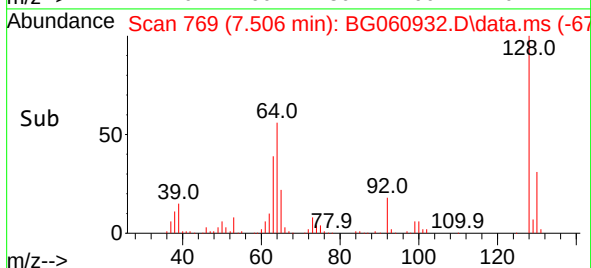
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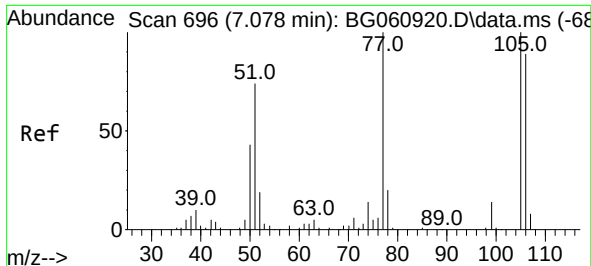


#8
2-Chlorophenol
Concen: 51.925 ng
RT: 7.506 min Scan# 769
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42



Tgt Ion:128 Resp: 150799
Ion Ratio Lower Upper
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130 31.4 11.7 51.7
64 55.5 37.8 77.8





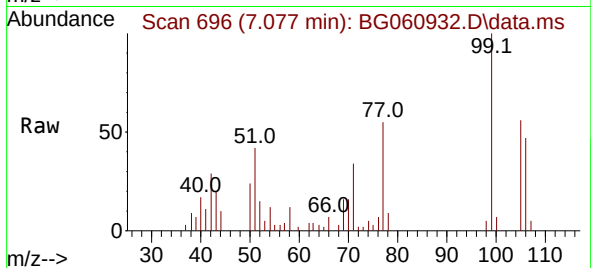
#9
Benzaldehyde
Concen: 4.062 ng
RT: 7.077 min Scan# 696
Delta R.T. -0.001 min
Lab File: BG060932.D
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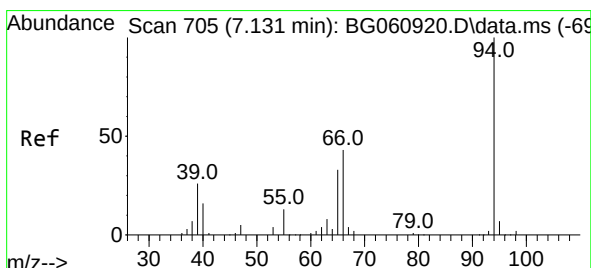
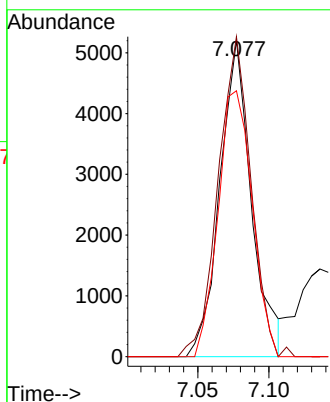
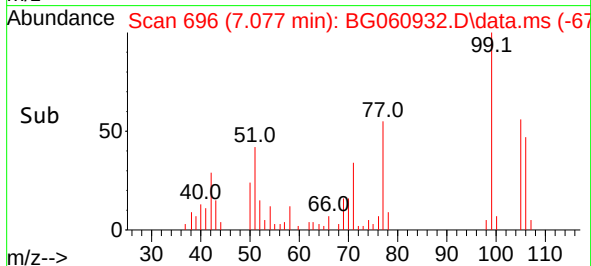
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Ion Ratio Lower Upper
77 100
105 101.2 79.9 119.9
106 84.1 69.3 109.3

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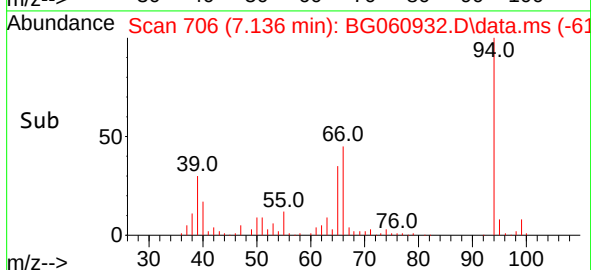
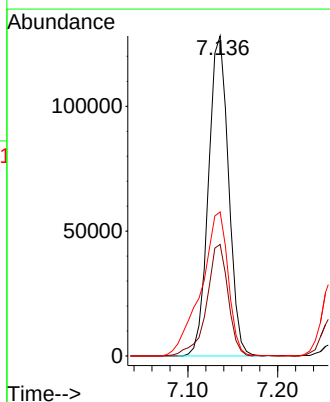
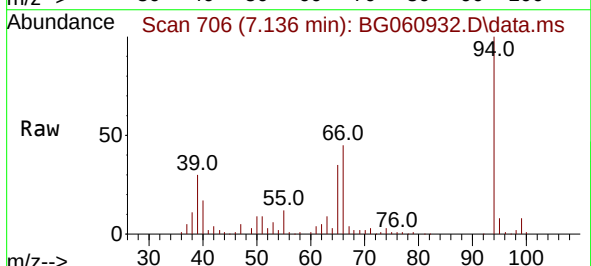
Reviewed By :Yogesh Patel 04/22/2024

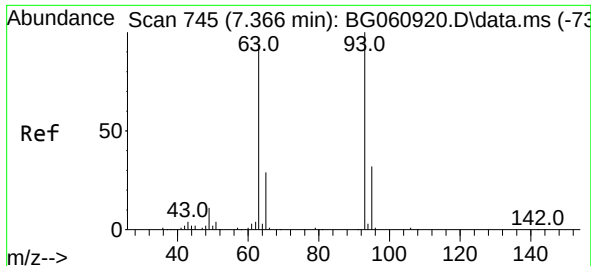
Supervised By :mohammad ahmed 04/22/2024



#10
Phenol
Concen: 53.858 ng
RT: 7.136 min Scan# 706
Delta R.T. 0.005 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Tgt Ion: 94 Resp: 198497
Ion Ratio Lower Upper
94 100
65 34.9 13.6 53.6
66 45.0 24.3 64.3





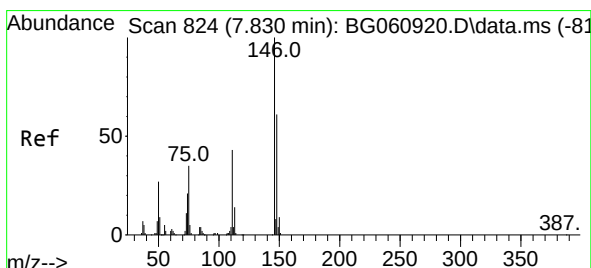
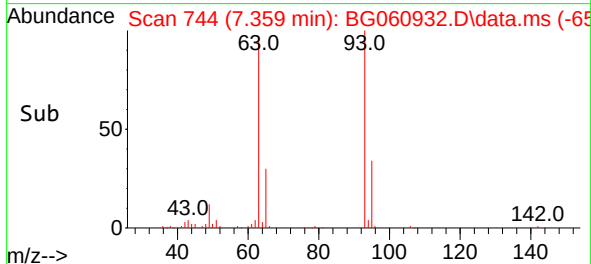
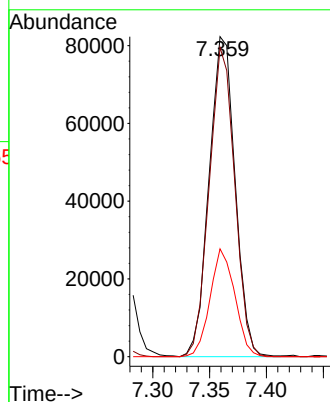
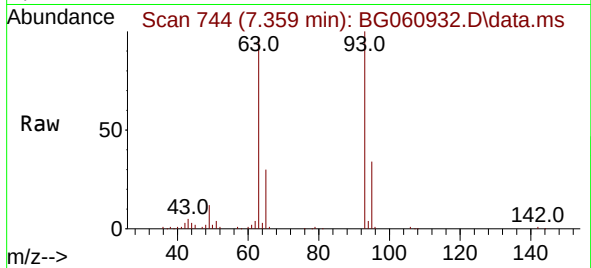
#11
bis(2-Chloroethyl)ether
Concen: 45.762 ng
RT: 7.359 min Scan# 745
Delta R.T. -0.007 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :
BNA_G
ClientSampleId :
PB160246BS

Tgt Ion: 93 Resp: 13082
Ion Ratio Lower Upper
93 100
63 96.6 74.0 114.0
95 33.7 12.7 52.7

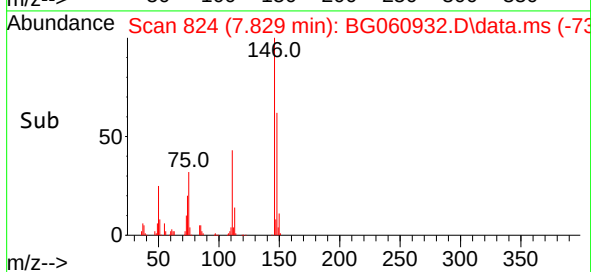
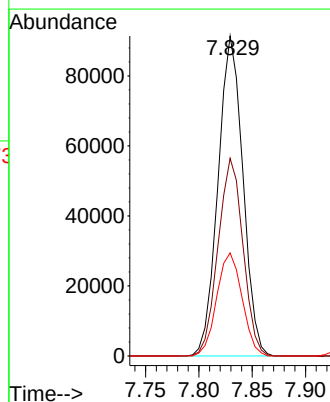
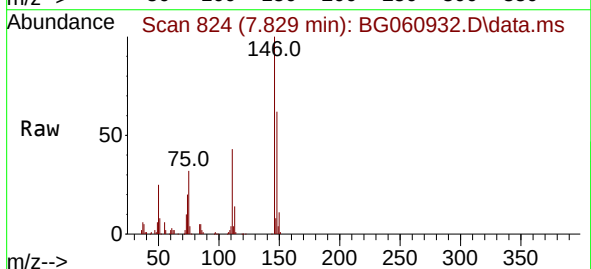
Manual Integrations
APPROVED

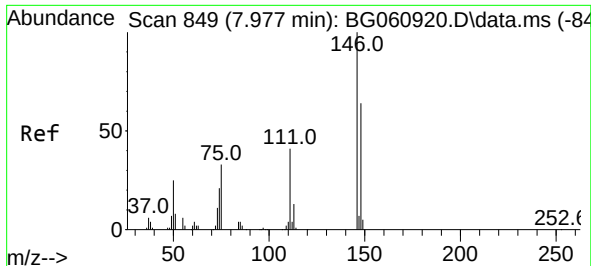
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#12
1,3-Dichlorobenzene
Concen: 47.968 ng
RT: 7.829 min Scan# 824
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

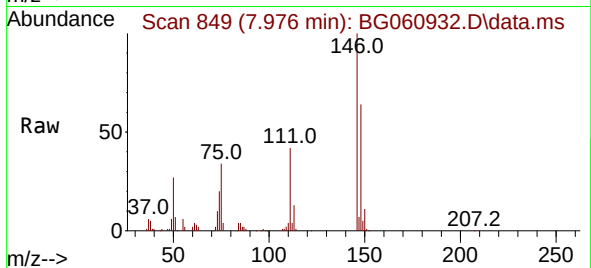
Tgt Ion:146 Resp: 148015
Ion Ratio Lower Upper
146 100
148 61.7 49.0 73.6
75 32.2 27.8 41.6





#13
1,4-Dichlorobenzene
Concen: 47.432 ng
RT: 7.976 min Scan# 849
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

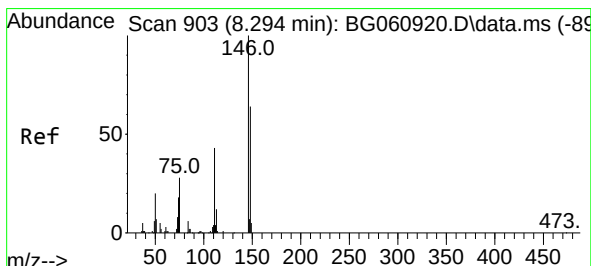
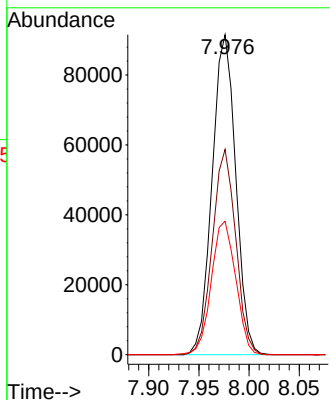
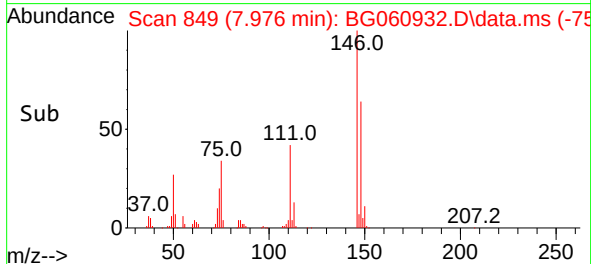
Instrument :
BNA_G
ClientSampleId :
PB160246BS



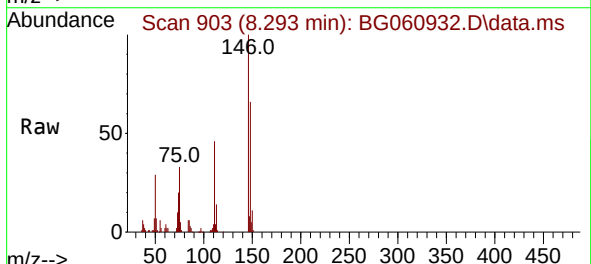
Tgt Ion:146 Resp: 149830
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
111 41.7 32.8 49.2

Manual Integrations
APPROVED

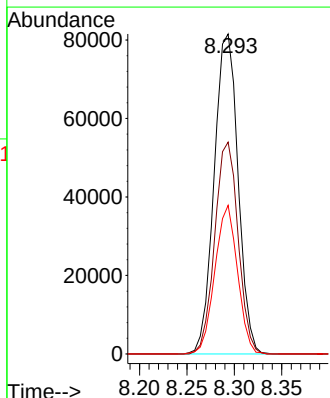
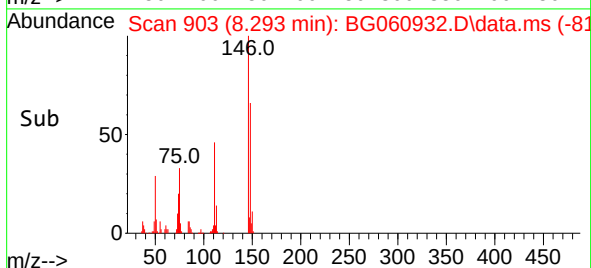
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

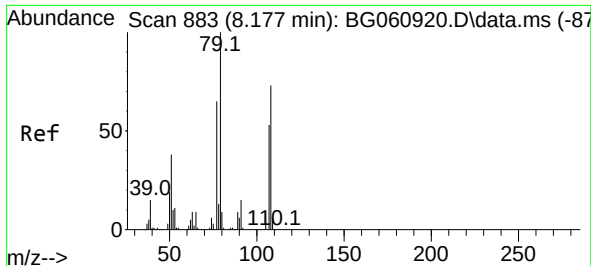


#14
1,2-Dichlorobenzene
Concen: 46.586 ng
RT: 8.293 min Scan# 903
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42



Tgt Ion:146 Resp: 143102
Ion Ratio Lower Upper
146 100
148 66.2 51.0 76.4
111 46.4 35.2 52.8





#15
Benzyl Alcohol
Concen: 46.524 ng
RT: 8.176 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

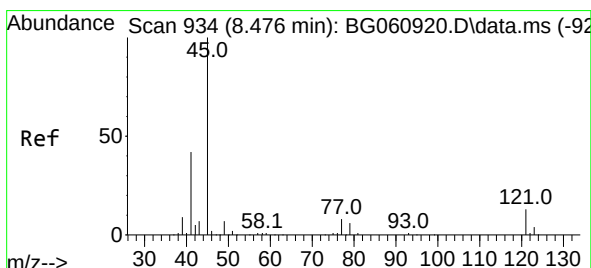
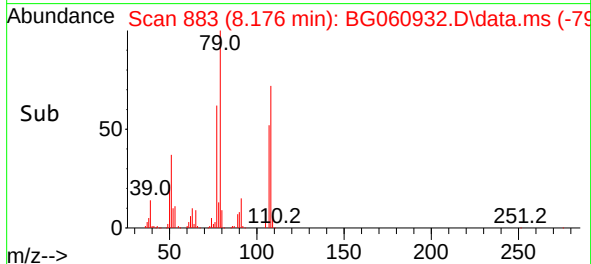
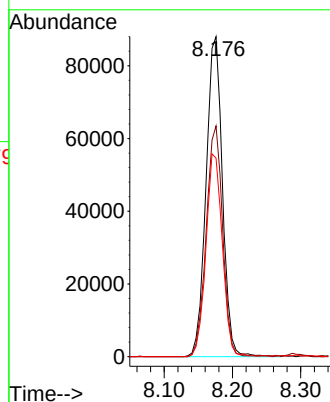
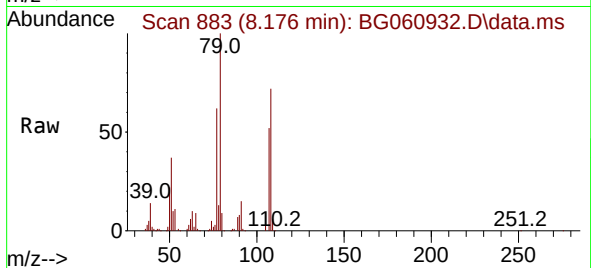
PB160246BS

Tgt Ion: 79 Resp: 147170
Ion Ratio Lower Upper
79 100
108 72.1 58.6 87.8
77 62.0 51.9 77.9

Manual Integrations

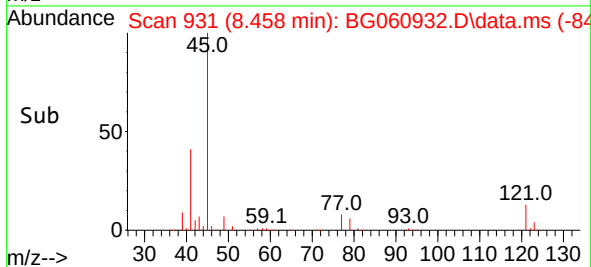
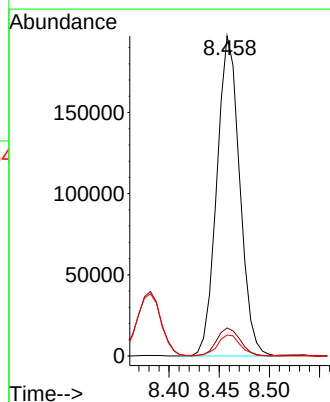
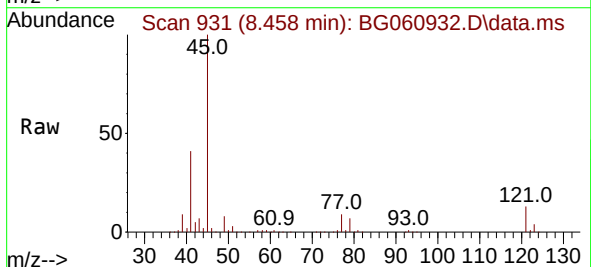
APPROVED

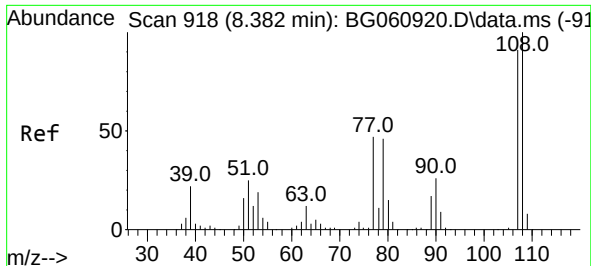
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.143 ng
RT: 8.458 min Scan# 931
Delta R.T. -0.018 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Tgt Ion: 45 Resp: 311883
Ion Ratio Lower Upper
45 100
77 8.8 0.0 29.0
79 6.6 0.0 27.2





#17
2-Methylphenol
Concen: 46.000 ng
RT: 8.381 min Scan# 918
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

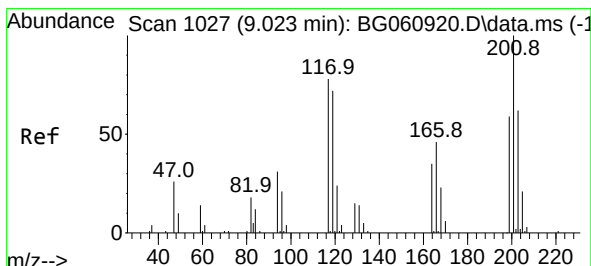
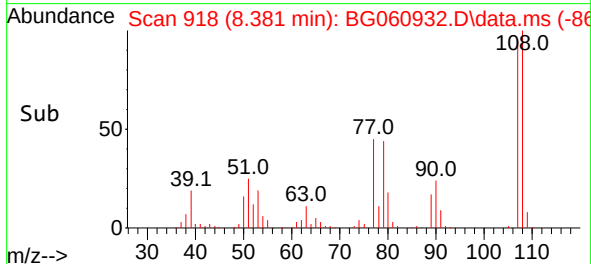
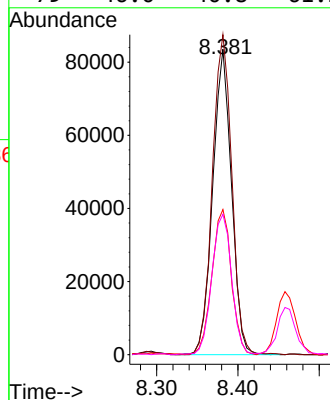
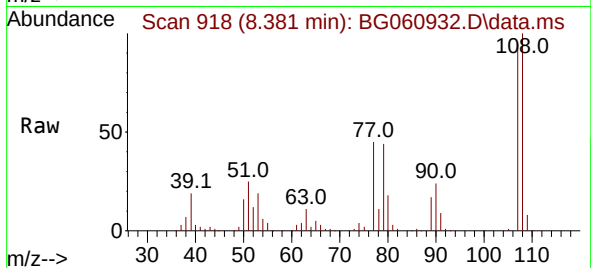
PB160246BS

Tgt Ion:107 Resp: 133950
Ion Ratio Lower Upper
107 100
108 104.8 88.3 132.5
77 47.5 41.4 62.0
79 46.0 40.8 61.2

Manual Integrations

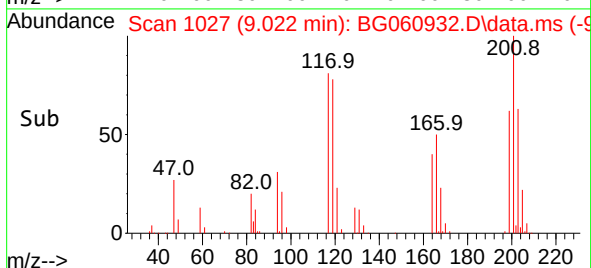
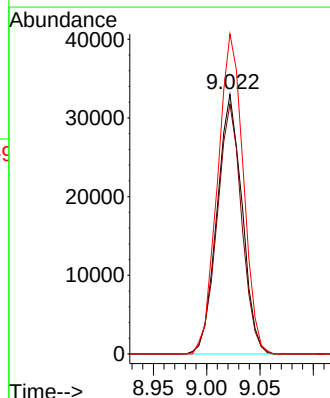
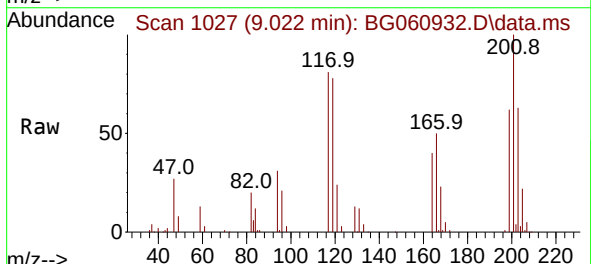
APPROVED

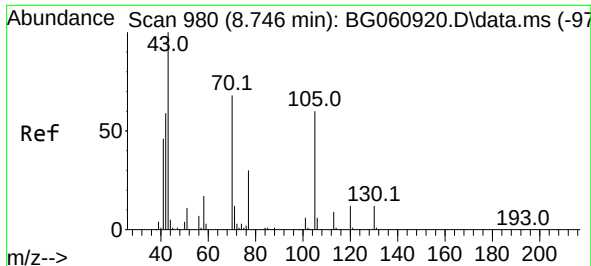
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#18
Hexachloroethane
Concen: 47.979 ng
RT: 9.022 min Scan# 1027
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Tgt Ion:117 Resp: 53818
Ion Ratio Lower Upper
117 100
119 96.3 73.8 110.6
201 123.3 102.9 154.3





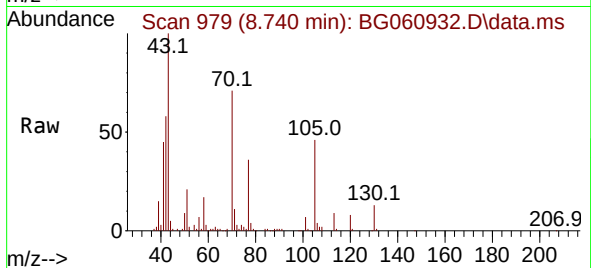
#19
n-Nitroso-di-n-propylamine
Concen: 42.964 ng
RT: 8.740 min Scan# 91
Delta R.T. -0.007 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS



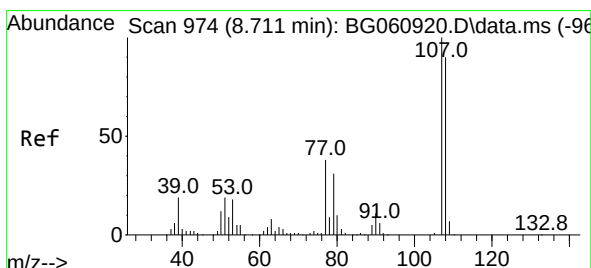
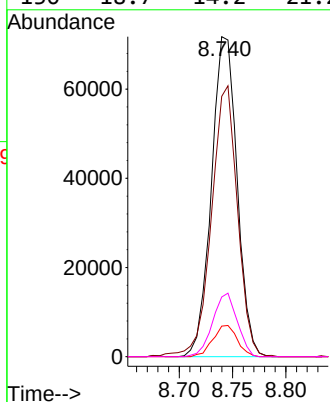
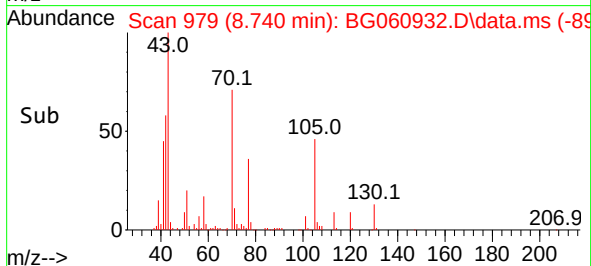
Tgt Ion: 70 Resp: 12034
Ion Ratio Lower Upper
70 100
42 81.4 70.9 106.3
101 9.5 7.0 10.4
130 18.7 14.2 21.2

Manual Integrations

APPROVED

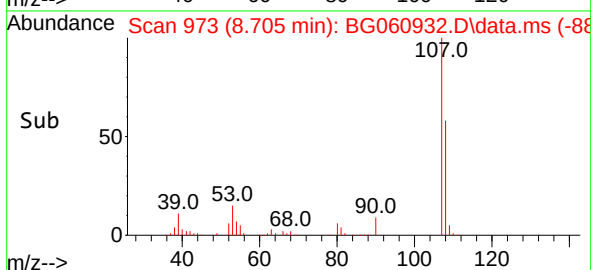
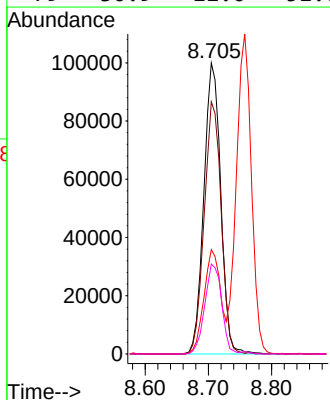
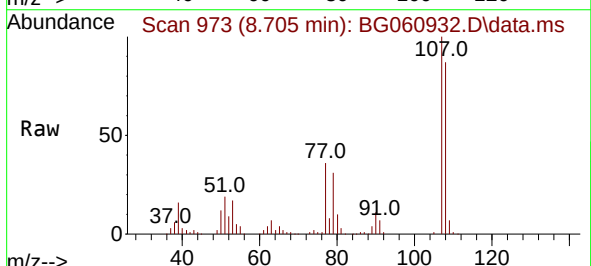
Reviewed By :Yogesh Patel 04/22/2024

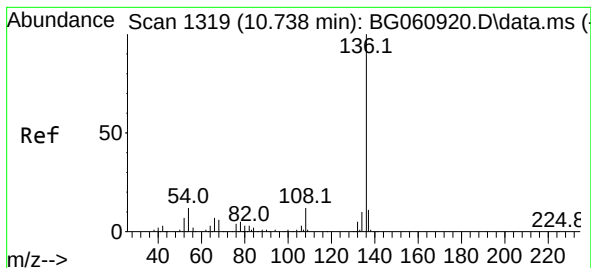
Supervised By :mohammad ahmed 04/22/2024



#20
3+4-Methylphenols
Concen: 45.852 ng
RT: 8.705 min Scan# 973
Delta R.T. -0.007 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Tgt Ion:107 Resp: 185245
Ion Ratio Lower Upper
107 100
108 86.6 69.9 109.9
77 35.8 17.5 57.5
79 30.9 11.0 51.0





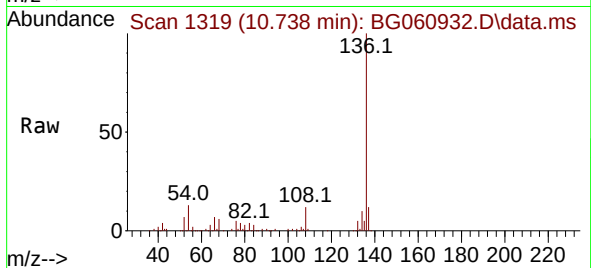
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS



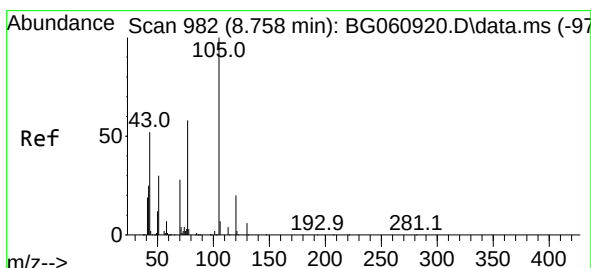
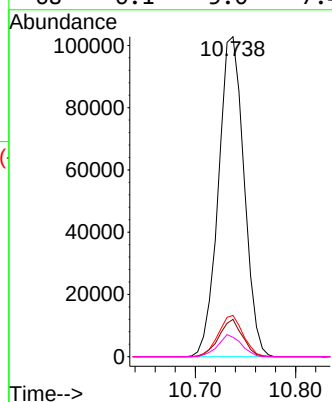
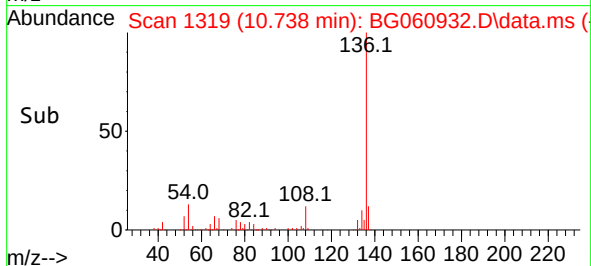
Tgt Ion:136 Resp: 181770
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 12.9 9.8 14.8
68 6.1 5.0 7.4

Manual Integrations

APPROVED

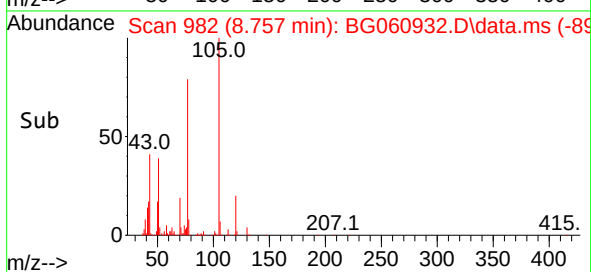
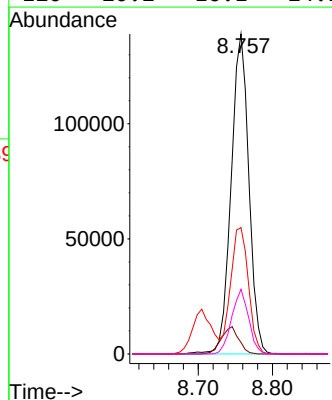
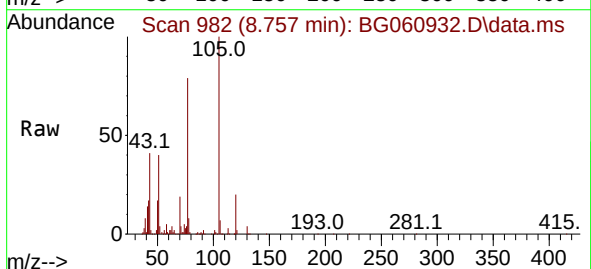
Reviewed By :Yogesh Patel 04/22/2024

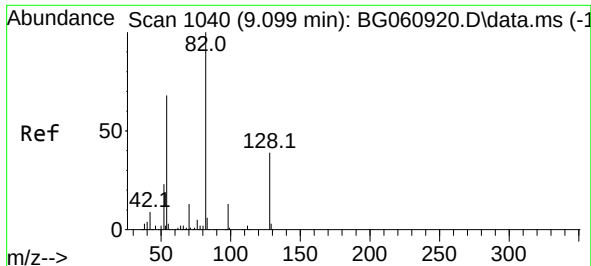
Supervised By :mohammad ahmed 04/22/2024



#22
Acetophenone
Concen: 44.513 ng
RT: 8.757 min Scan# 982
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Tgt Ion:105 Resp: 230414
Ion Ratio Lower Upper
105 100
71 3.6 3.8 5.6#
51 39.5 32.1 48.1
120 20.2 16.1 24.1





#23

Nitrobenzene-d5

Concen: 84.299 ng

RT: 9.092 min Scan# 1039

Delta R.T. -0.007 min

Lab File: BG060932.D

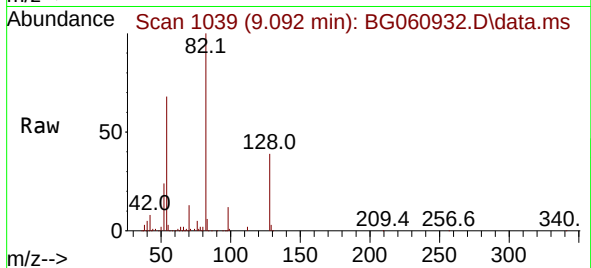
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS



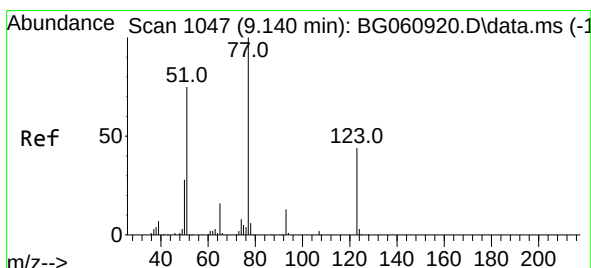
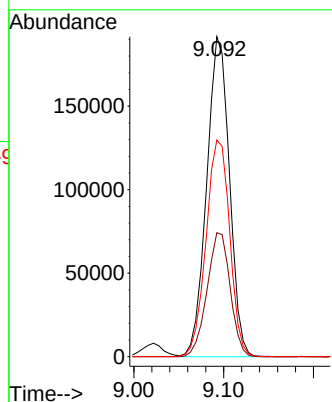
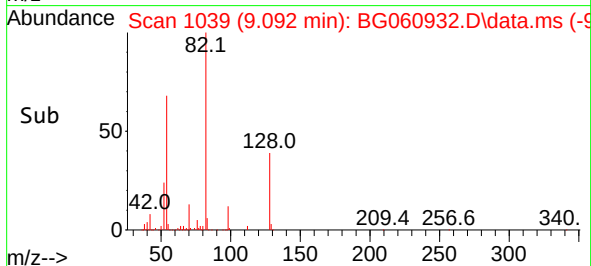
Tgt Ion: 82	Resp: 337530
Ion Ratio	Lower Upper
82	100
128	38.7 31.4 47.0
54	67.7 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#24

Nitrobenzene

Concen: 44.221 ng

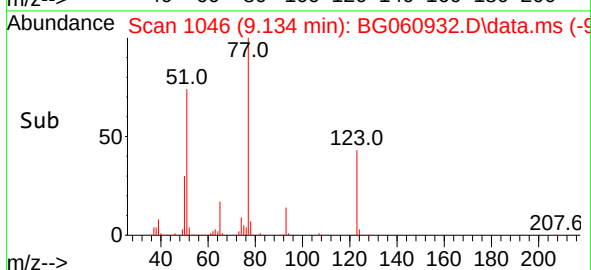
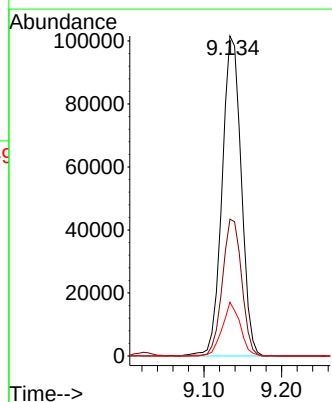
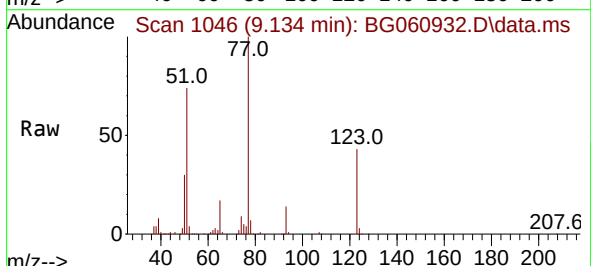
RT: 9.134 min Scan# 1046

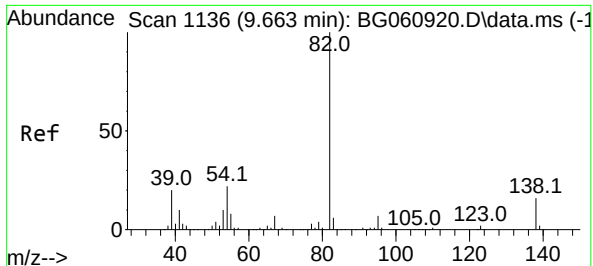
Delta R.T. -0.007 min

Lab File: BG060932.D

Acq: 18 Apr 2024 11:42

Tgt Ion: 77	Resp: 173768
Ion Ratio	Lower Upper
77	100
123	42.8 34.8 52.2
65	16.8 12.6 19.0





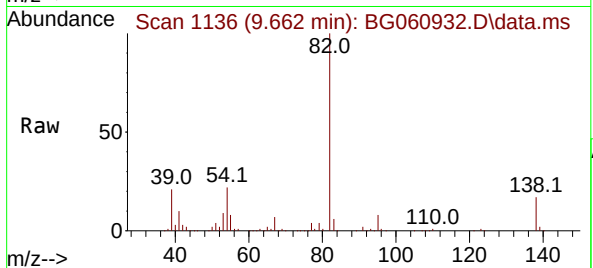
#25
Isophorone
Concen: 43.072 ng
RT: 9.662 min Scan# 1136
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS



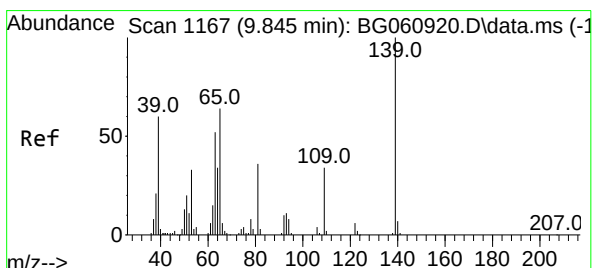
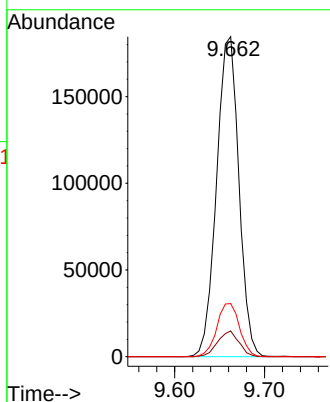
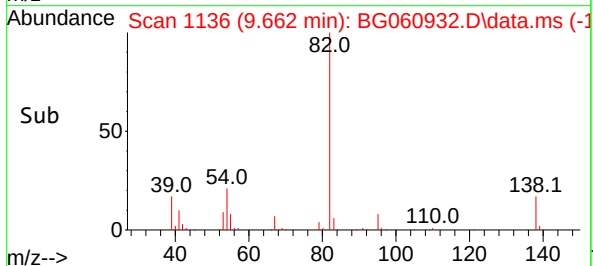
Tgt Ion: 82 Resp: 31825
Ion Ratio Lower Upper
82 100
95 8.1 5.9 8.9
138 16.6 12.7 19.1

Manual Integrations

APPROVED

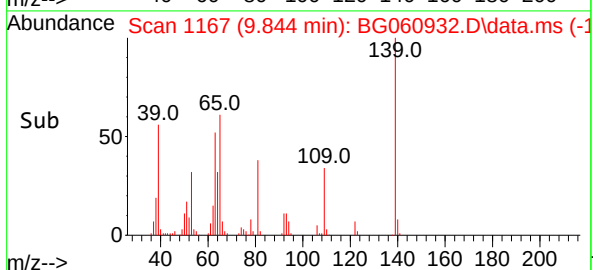
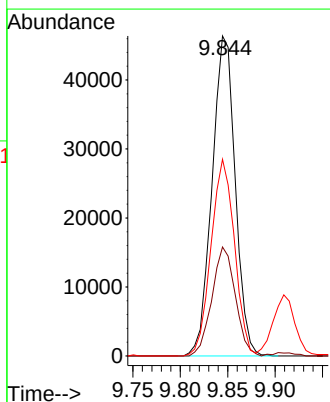
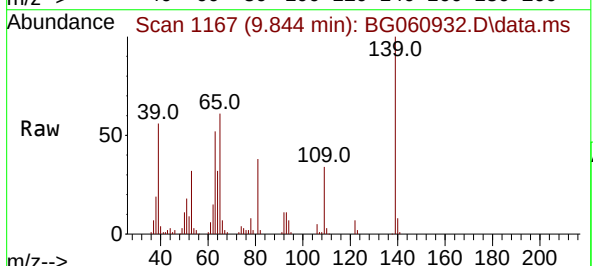
Reviewed By :Yogesh Patel 04/22/2024

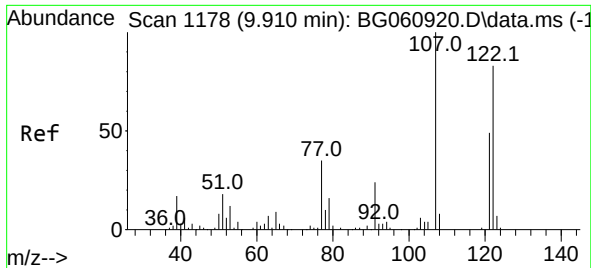
Supervised By :mohammad ahmed 04/22/2024



#26
2-Nitrophenol
Concen: 47.755 ng
RT: 9.844 min Scan# 1167
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Tgt Ion:139 Resp: 78835
Ion Ratio Lower Upper
139 100
109 34.1 26.9 40.3
65 61.5 51.4 77.2





#27
2,4-Dimethylphenol
Concen: 38.621 ng
RT: 9.909 min Scan# 1178
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

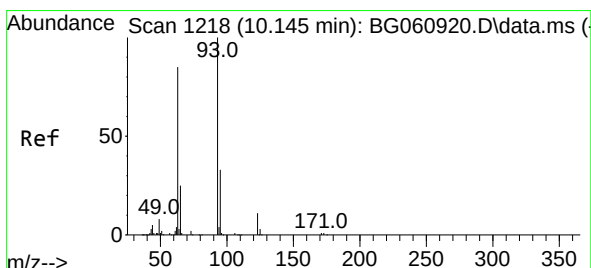
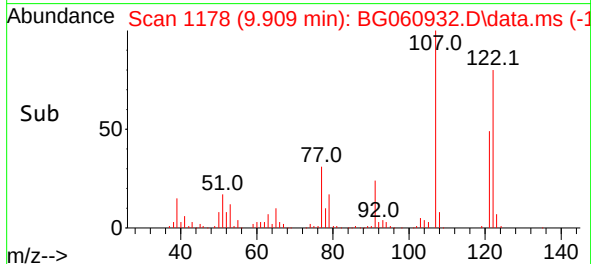
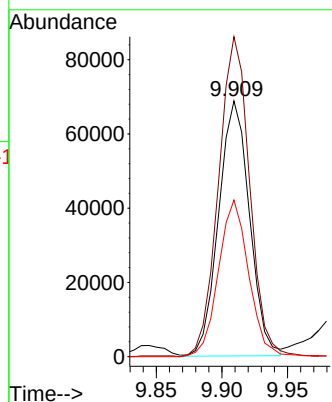
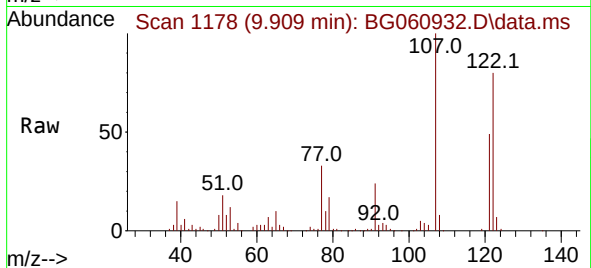
PB160246BS

Tgt Ion:122 Resp: 11233
Ion Ratio Lower Upper
122 100
107 125.2 96.6 144.8
121 61.3 47.0 70.4

Manual Integrations

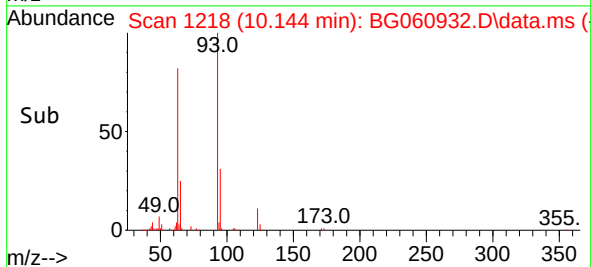
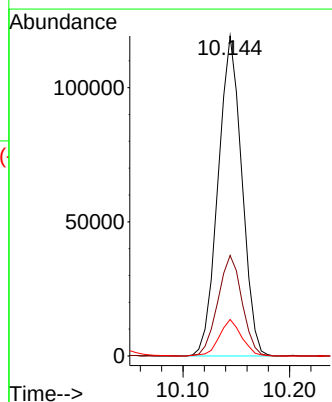
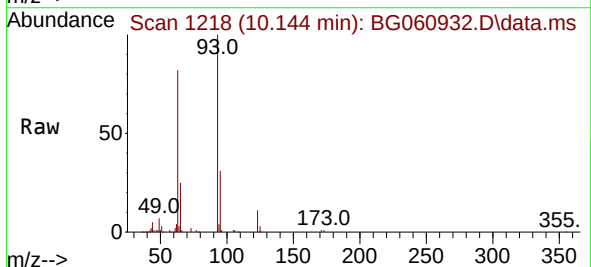
APPROVED

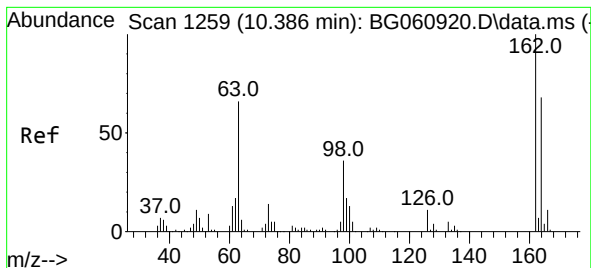
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.355 ng
RT: 10.144 min Scan# 1218
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Tgt Ion: 93 Resp: 184281
Ion Ratio Lower Upper
93 100
95 31.4 26.2 39.4
123 11.4 8.9 13.3





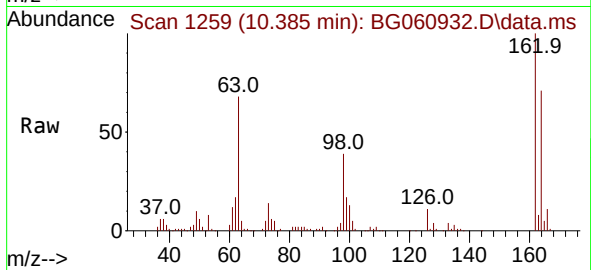
#29
2,4-Dichlorophenol
Concen: 47.565 ng
RT: 10.385 min Scan# 1259
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS



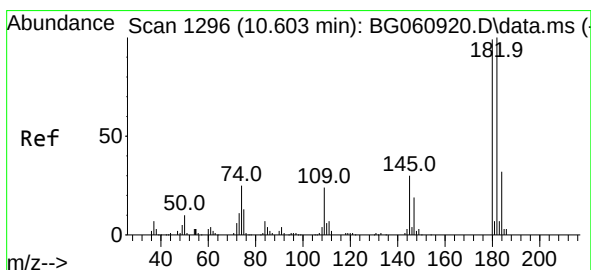
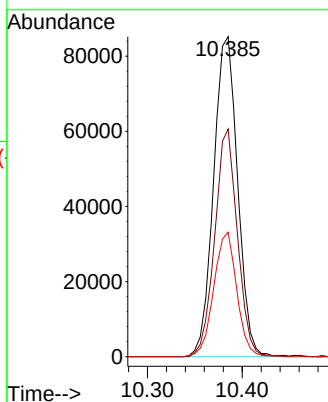
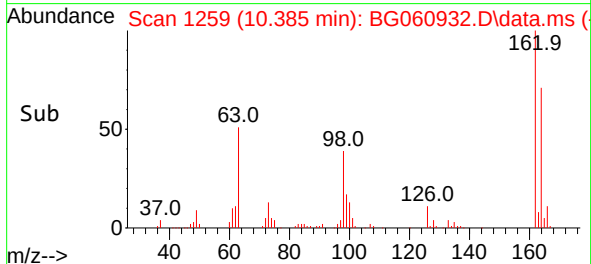
Tgt Ion:162 Resp: 15010
Ion Ratio Lower Upper
162 100
164 71.2 48.1 88.1
98 38.9 16.1 56.1

Manual Integrations

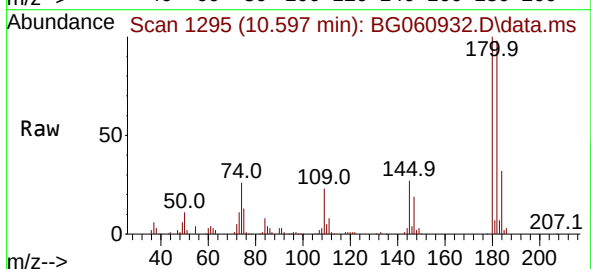
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

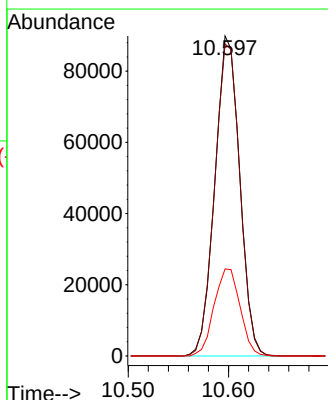
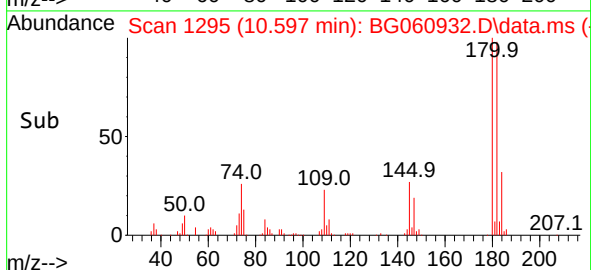
Supervised By :mohammad ahmed 04/22/2024

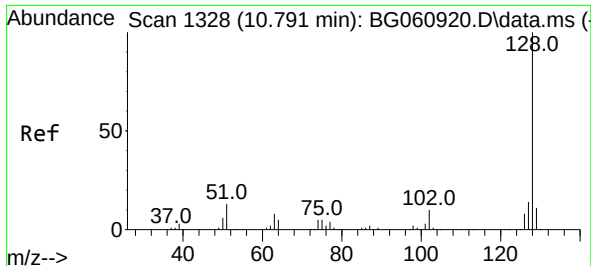


#30
1,2,4-Trichlorobenzene
Concen: 45.620 ng
RT: 10.597 min Scan# 1295
Delta R.T. -0.007 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42



Tgt Ion:180 Resp: 154317
Ion Ratio Lower Upper
180 100
182 97.5 81.0 121.4
145 27.2 24.1 36.1





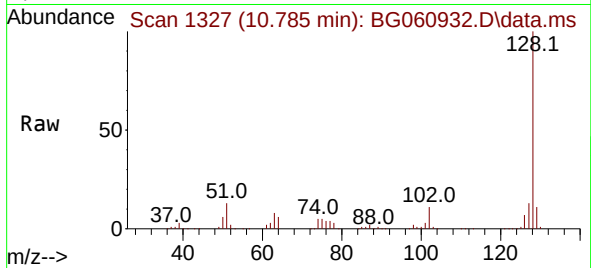
#31
Naphthalene
Concen: 44.698 ng
RT: 10.785 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS



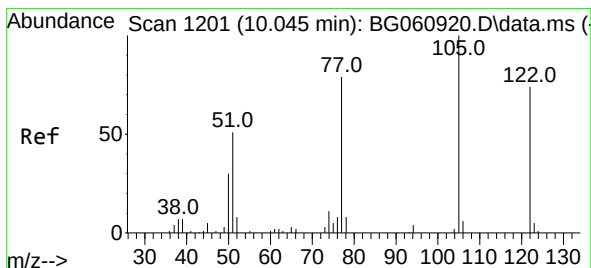
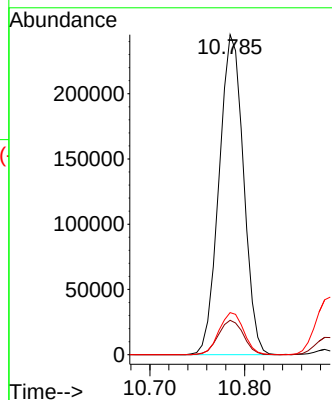
Tgt Ion:128 Resp: 439409
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 13.2 11.3 16.9

Manual Integrations

APPROVED

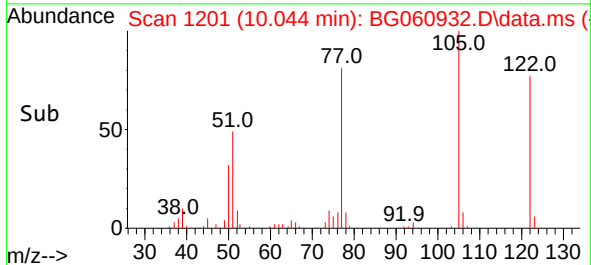
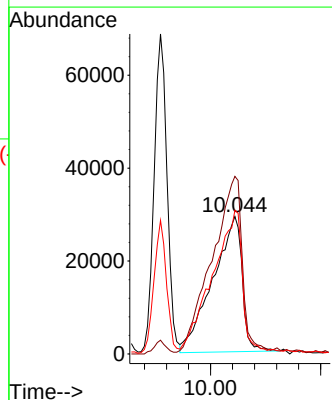
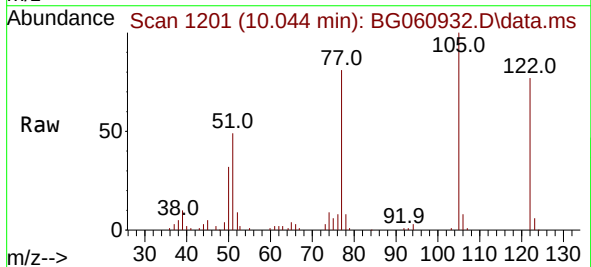
Reviewed By :Yogesh Patel 04/22/2024

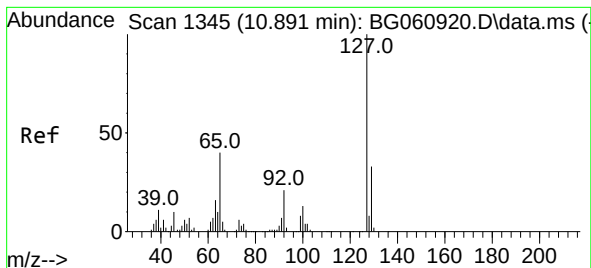
Supervised By :mohammad ahmed 04/22/2024



#32
Benzoic acid
Concen: 45.818 ng
RT: 10.044 min Scan# 1201
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Tgt Ion:122 Resp: 107873
Ion Ratio Lower Upper
122 100
105 129.2 109.8 149.8
77 104.5 84.1 124.1





#33
4-Chloroaniline
Concen: 17.857 ng
RT: 10.890 min Scan# 1345
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS

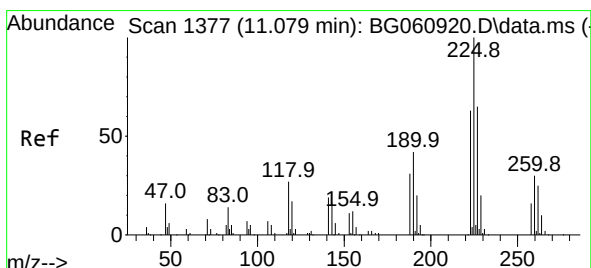
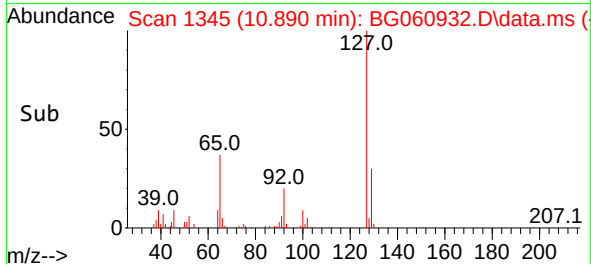
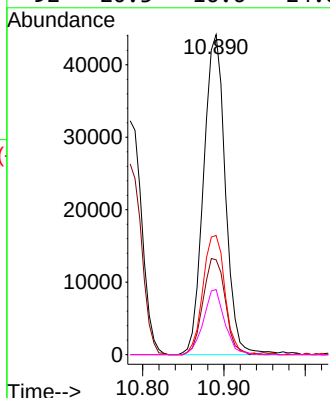
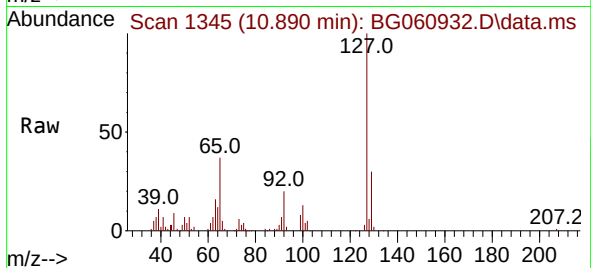
Tgt Ion	Ratio	Lower	Upper
127	100		
129	29.7	26.8	40.2
65	37.3	32.3	48.5
92	20.3	16.6	24.8

Manual Integrations

APPROVED

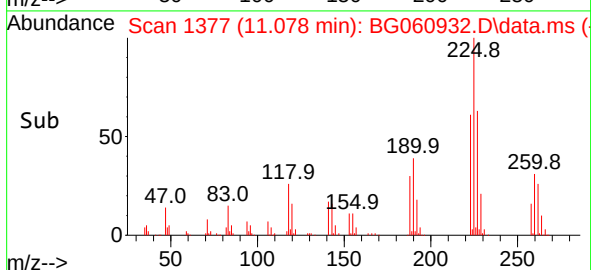
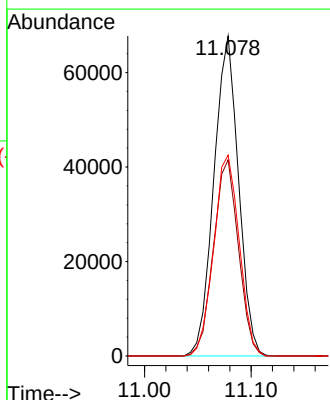
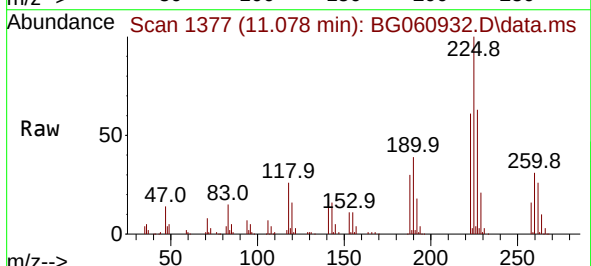
Reviewed By :Yogesh Patel 04/22/2024

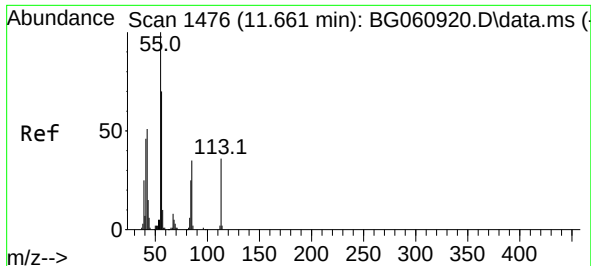
Supervised By :mohammad ahmed 04/22/2024



#34
Hexachlorobutadiene
Concen: 45.181 ng
RT: 11.078 min Scan# 1377
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

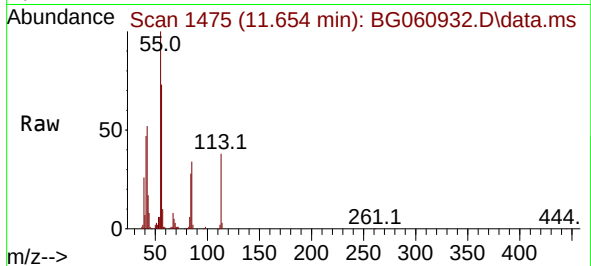
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.2	75.2
227	62.8	51.7	77.5





#35
Caprolactam
Concen: 46.912 ng m
RT: 11.654 min Scan# 1476
Delta R.T. -0.007 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

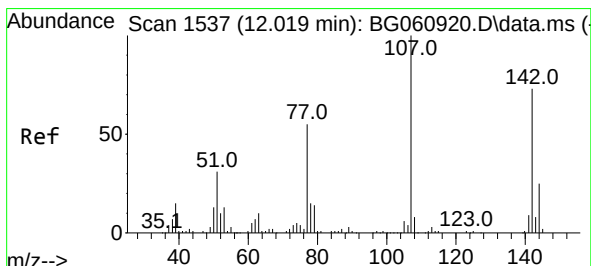
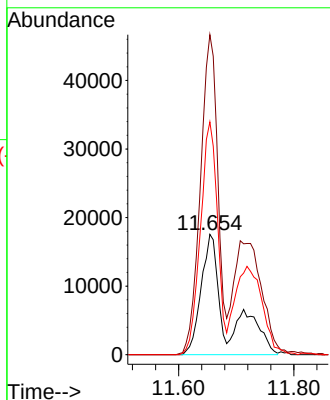
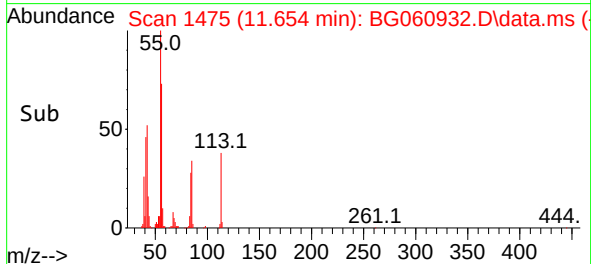
Instrument :
BNA_G
ClientSampleId :
PB160246BS



Tgt Ion:113 Resp: 5462
Ion Ratio Lower Upper
113 100
55 266.1 262.6 302.6
56 193.5 177.0 217.0

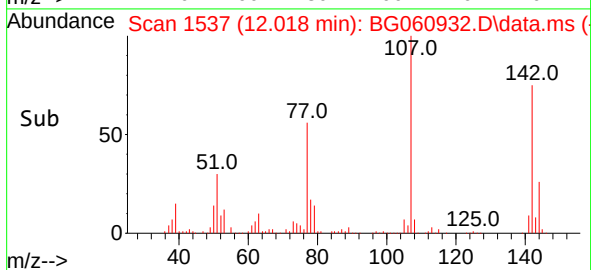
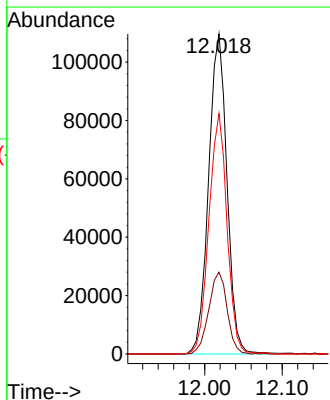
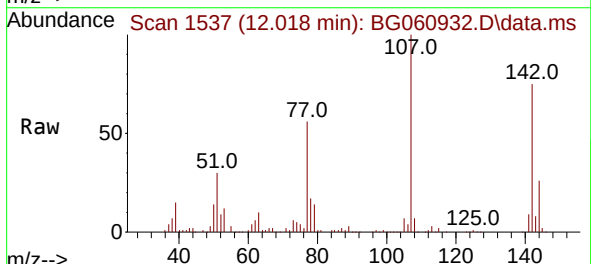
Manual Integrations
APPROVED

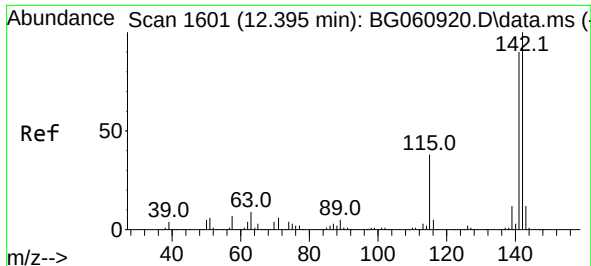
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#36
4-Chloro-3-methylphenol
Concen: 47.338 ng
RT: 12.018 min Scan# 1537
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Tgt Ion:107 Resp: 180554
Ion Ratio Lower Upper
107 100
144 25.6 19.7 29.5
142 75.1 58.2 87.2





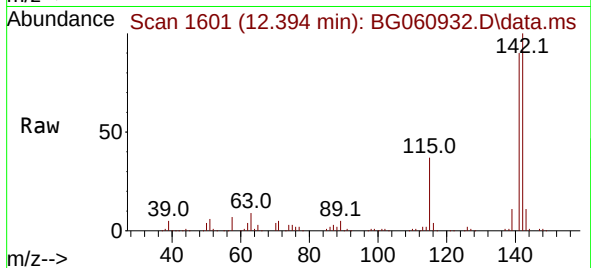
#37
2-Methylnaphthalene
Concen: 43.509 ng
RT: 12.394 min Scan# 1601
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS



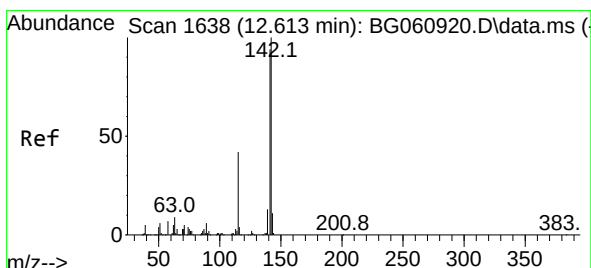
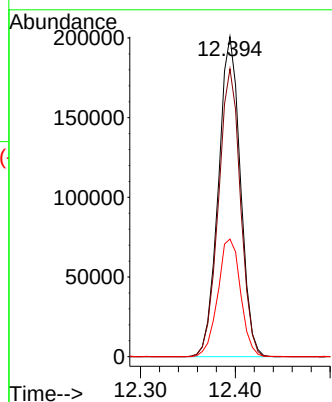
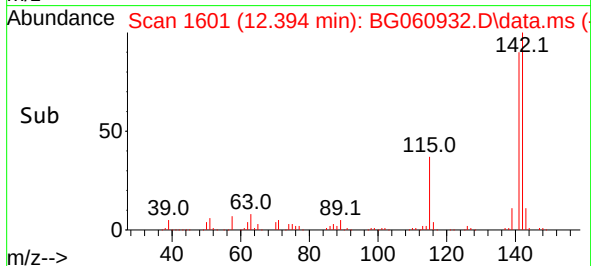
Tgt Ion:142 Resp: 32357
Ion Ratio Lower Upper
142 100
141 89.9 71.7 107.5
115 36.8 30.6 45.8

Manual Integrations

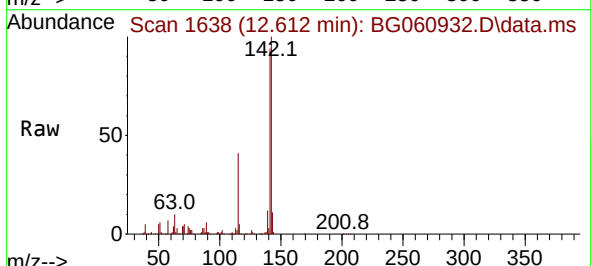
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

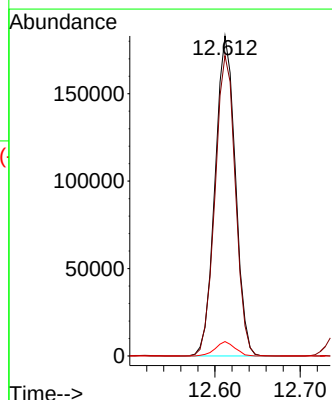
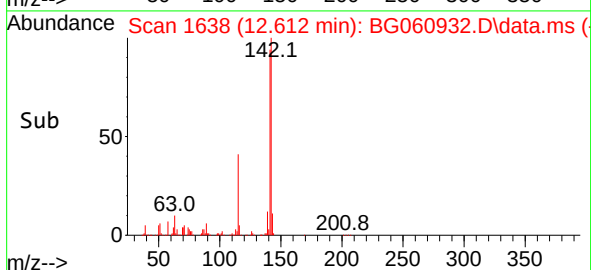
Supervised By :mohammad ahmed 04/22/2024

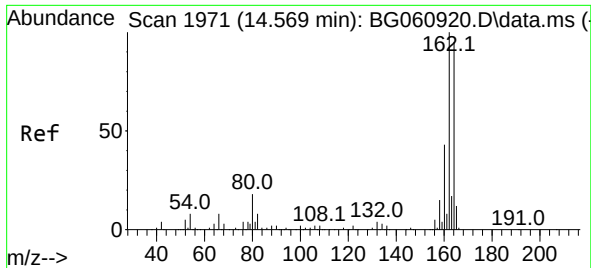


#38
1-Methylnaphthalene
Concen: 43.052 ng
RT: 12.612 min Scan# 1638
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42



Tgt Ion:142 Resp: 302256
Ion Ratio Lower Upper
142 100
141 93.8 75.1 112.7
116 4.5 3.3 4.9





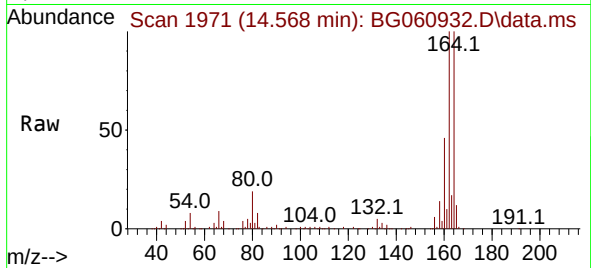
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS

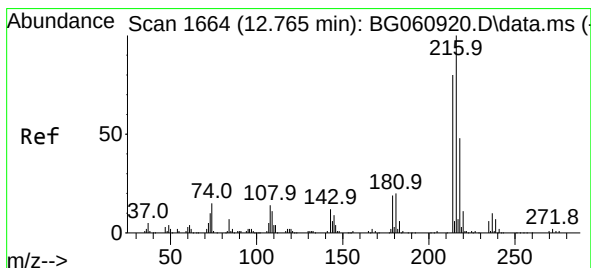
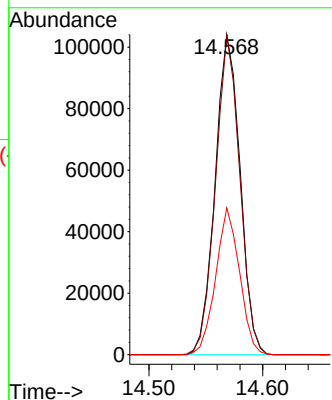
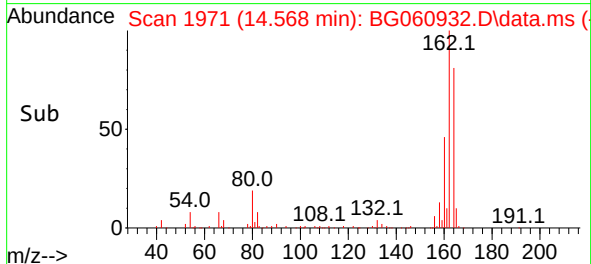


Tgt Ion:164 Resp: 158809
Ion Ratio Lower Upper
164 100
162 99.8 84.1 126.1
160 45.9 35.9 53.9

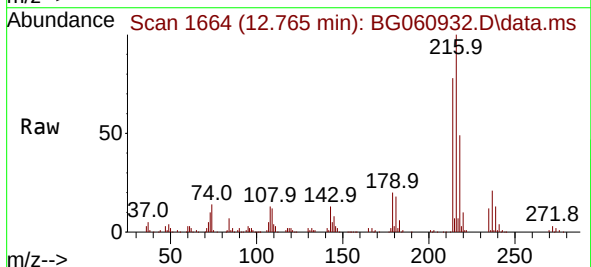
Manual Integrations

APPROVED

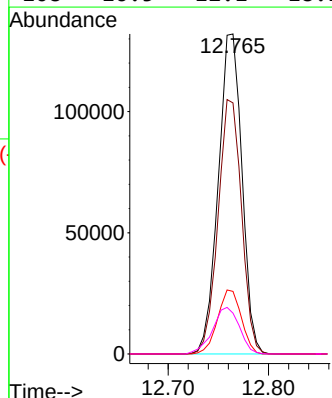
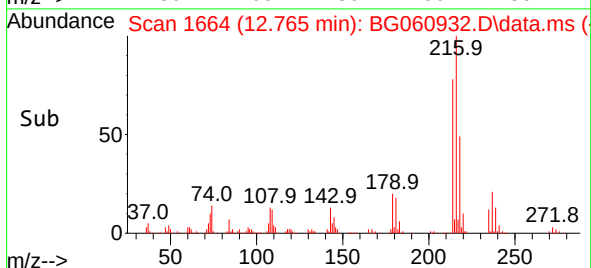
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

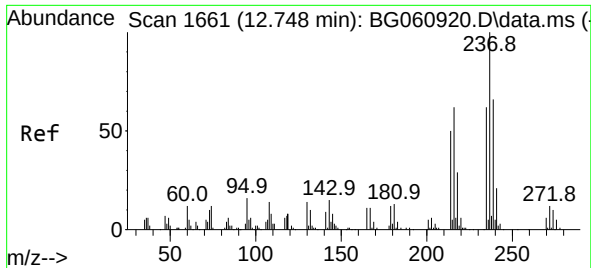


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.128 ng
RT: 12.765 min Scan# 1664
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42



Tgt Ion:216 Resp: 216249
Ion Ratio Lower Upper
216 100
214 78.7 62.8 94.2
179 20.0 15.2 22.8
108 16.5 12.1 18.1





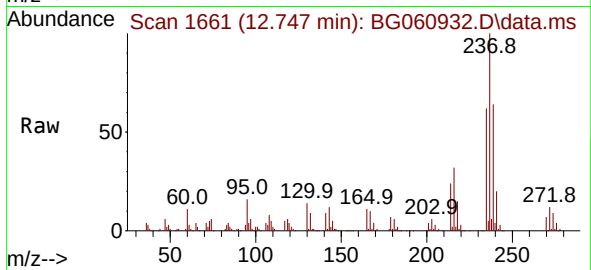
#41
Hexachlorocyclopentadiene
Concen: 100.254 ng
RT: 12.747 min Scan# 1661
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS

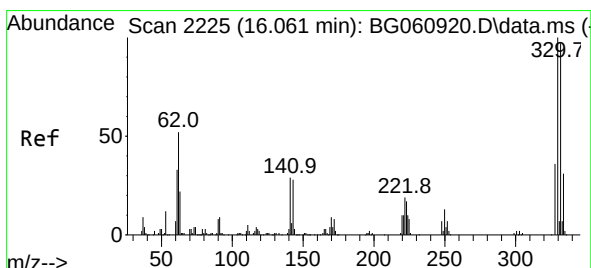
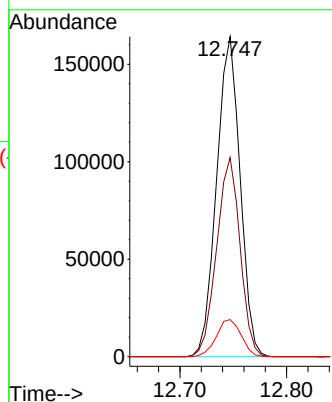
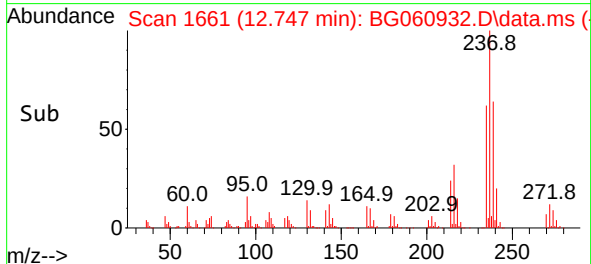


Tgt Ion:237 Resp: 251210
Ion Ratio Lower Upper
237 100
235 62.2 41.8 81.8
272 11.6 0.0 32.2

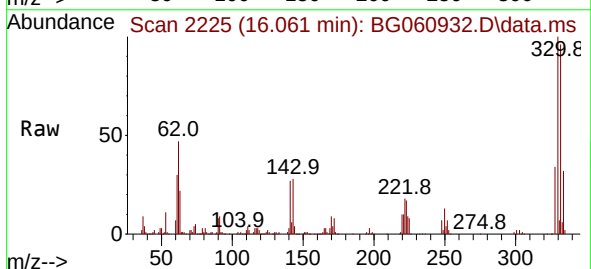
Manual Integrations

APPROVED

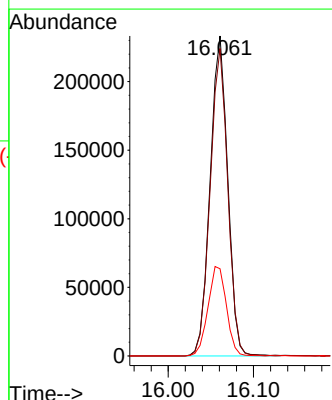
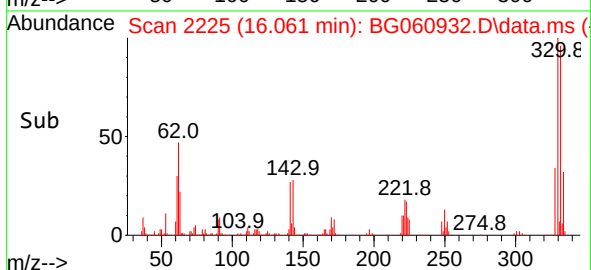
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

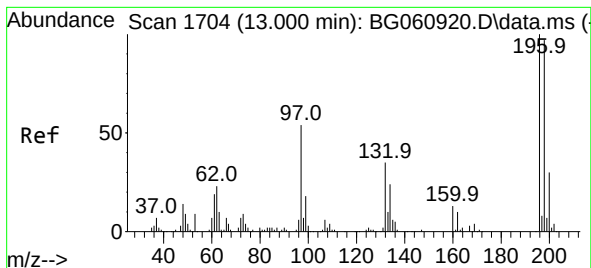


#42
2,4,6-Tribromophenol
Concen: 127.510 ng
RT: 16.061 min Scan# 2225
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42



Tgt Ion:330 Resp: 334532
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 29.3 23.7 35.5





#43

2,4,6-Trichlorophenol

Concen: 46.177 ng

RT: 13.000 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG060932.D

Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS

Tgt Ion:196 Resp: 15735

Ion Ratio Lower Upper

196 100

198 96.0 77.9 116.9

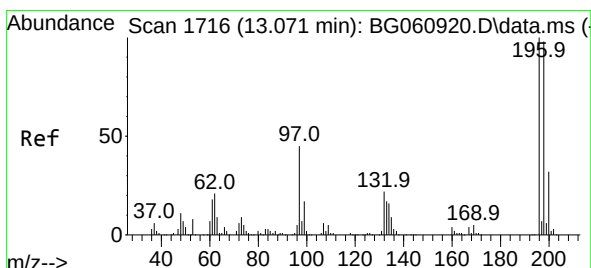
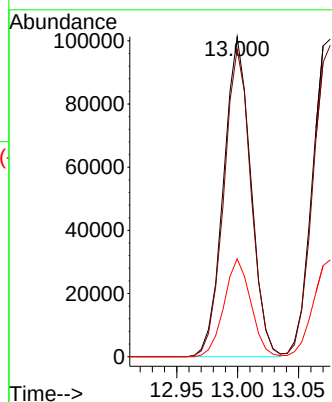
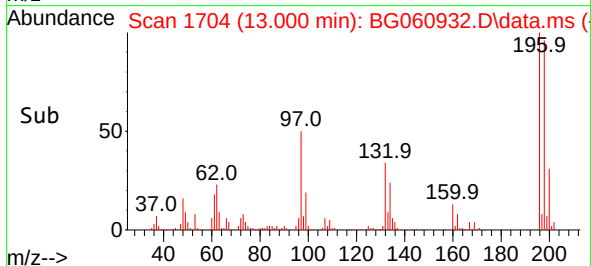
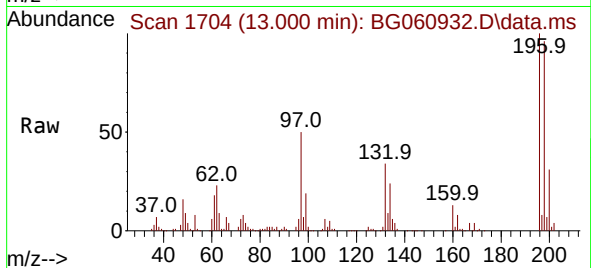
200 30.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#44

2,4,5-Trichlorophenol

Concen: 42.804 ng

RT: 13.076 min Scan# 1717

Delta R.T. 0.005 min

Lab File: BG060932.D

Acq: 18 Apr 2024 11:42

Tgt Ion:196 Resp: 175910

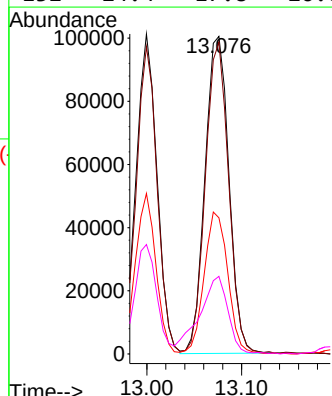
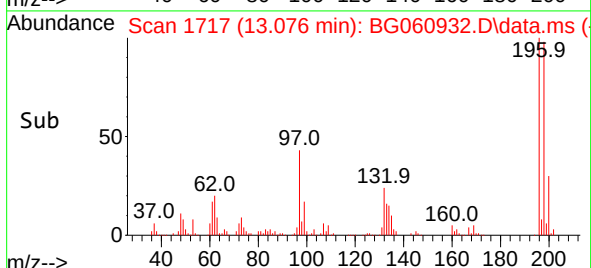
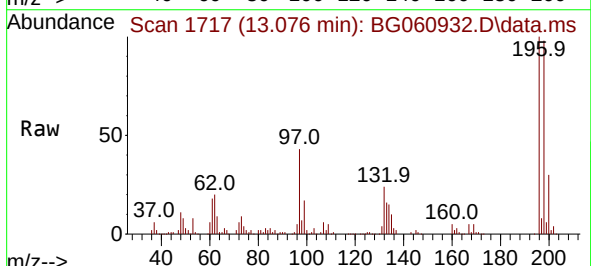
Ion Ratio Lower Upper

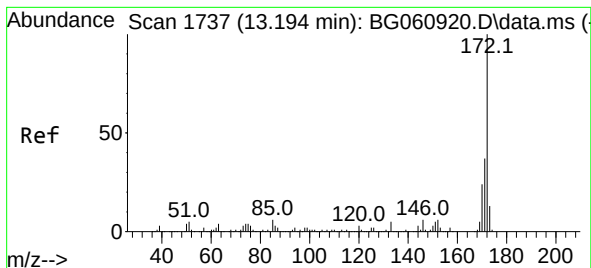
196 100

198 98.1 78.2 117.4

97 42.8 35.9 53.9

132 24.4 17.8 26.6





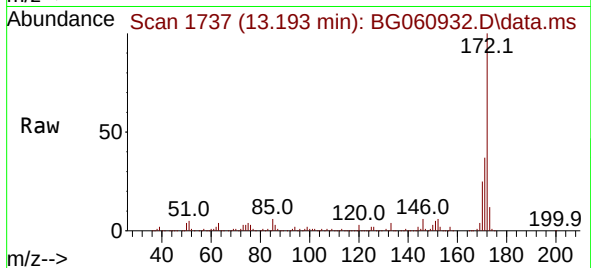
#45
2-Fluorobiphenyl
Concen: 82.101 ng
RT: 13.193 min Scan# 1737
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS



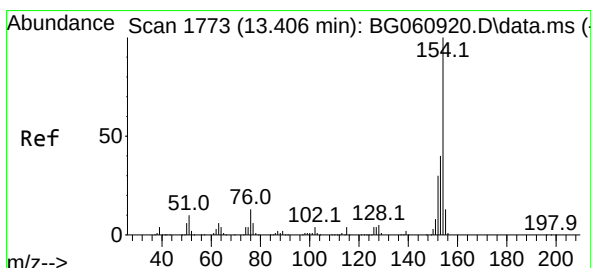
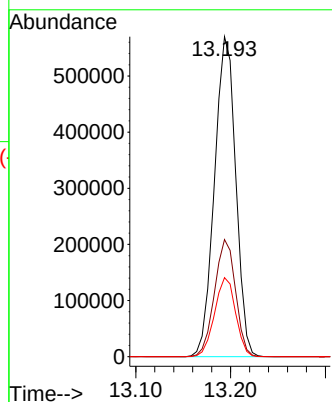
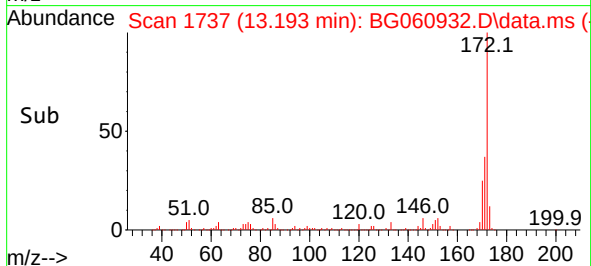
Tgt Ion:172 Resp: 888504
Ion Ratio Lower Upper
172 100
171 36.6 29.3 43.9
170 24.7 19.5 29.3

Manual Integrations

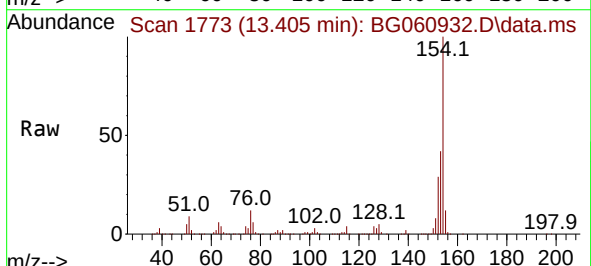
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

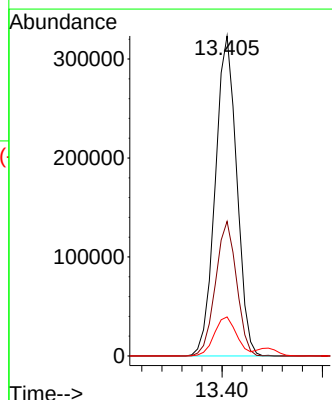
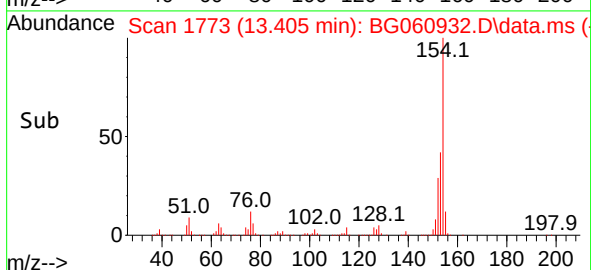
Supervised By :mohammad ahmed 04/22/2024

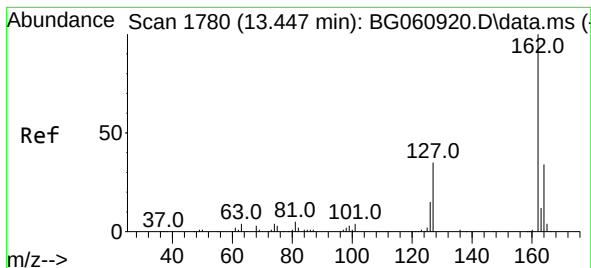


#46
1,1'-Biphenyl
Concen: 44.423 ng
RT: 13.405 min Scan# 1773
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42



Tgt Ion:154 Resp: 479686
Ion Ratio Lower Upper
154 100
153 42.0 19.9 59.9
76 12.2 0.0 32.7





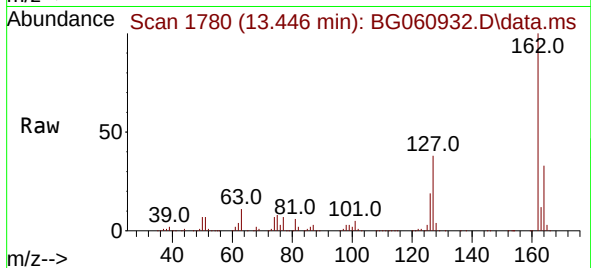
#47
2-Chloronaphthalene
Concen: 46.008 ng
RT: 13.446 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS



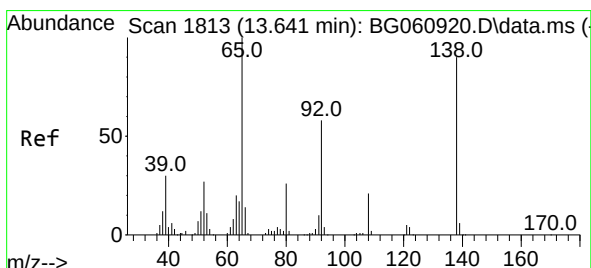
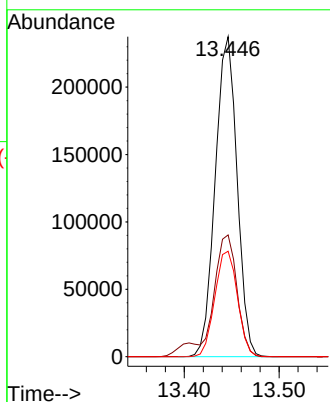
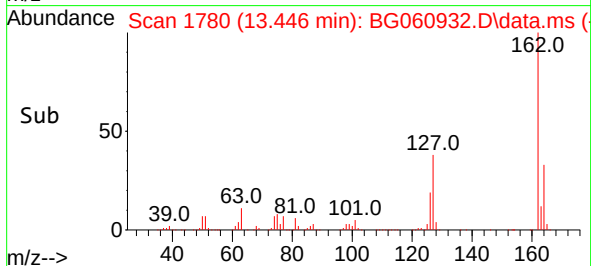
Tgt Ion:162 Resp: 38023
Ion Ratio Lower Upper
162 100
127 38.0 31.0 46.6
164 33.0 27.2 40.8

Manual Integrations

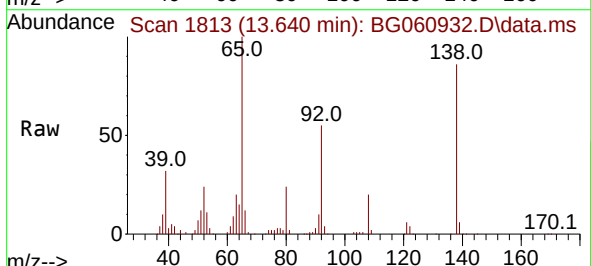
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

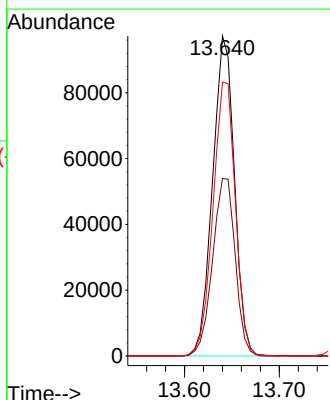
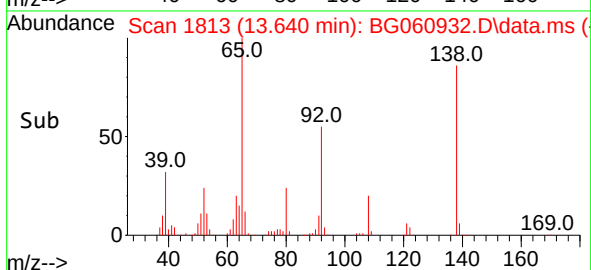
Supervised By :mohammad ahmed 04/22/2024

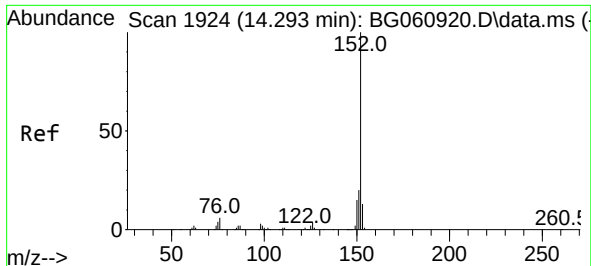


#48
2-Nitroaniline
Concen: 45.863 ng
RT: 13.640 min Scan# 1813
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42



Tgt Ion: 65 Resp: 155539
Ion Ratio Lower Upper
65 100
92 55.5 46.5 69.7
138 85.6 71.8 107.8





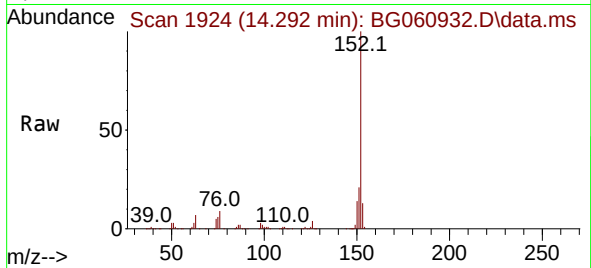
#49
Acenaphthylene
Concen: 46.990 ng
RT: 14.292 min Scan# 1924
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS

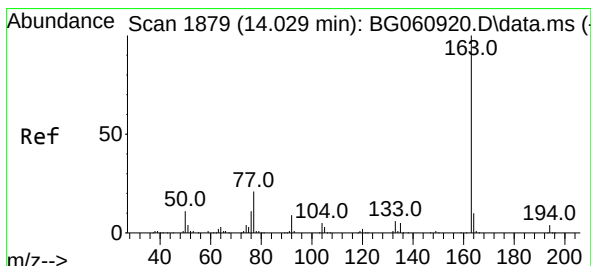
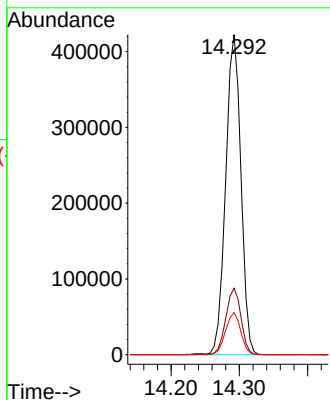
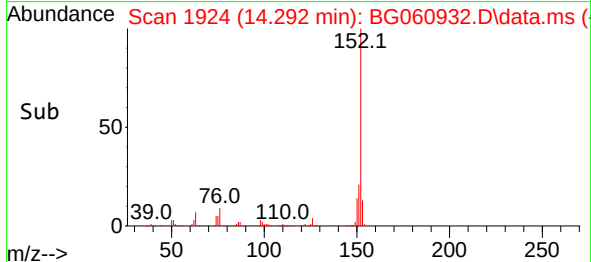


Tgt Ion:152 Resp: 656680
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.1 10.4 15.6

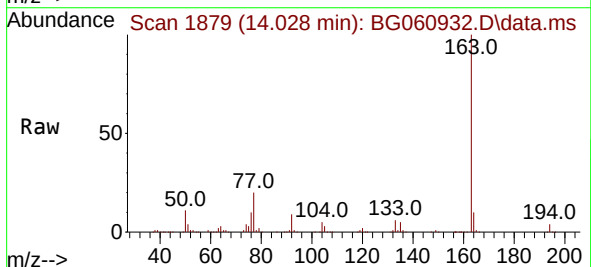
Manual Integrations

APPROVED

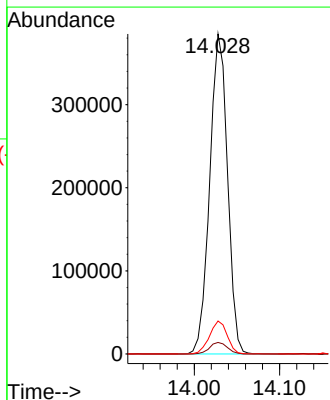
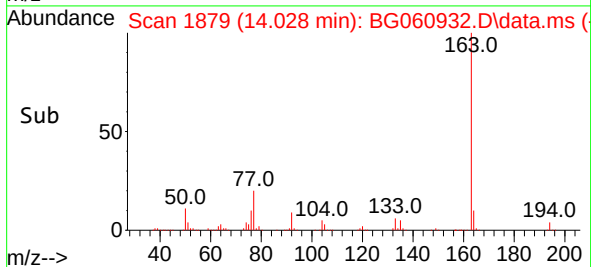
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

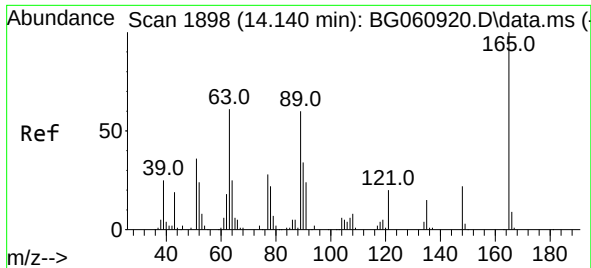


#50
Dimethylphthalate
Concen: 44.253 ng
RT: 14.028 min Scan# 1879
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42



Tgt Ion:163 Resp: 557678
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.626 ng
RT: 14.139 min Scan# 1898
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

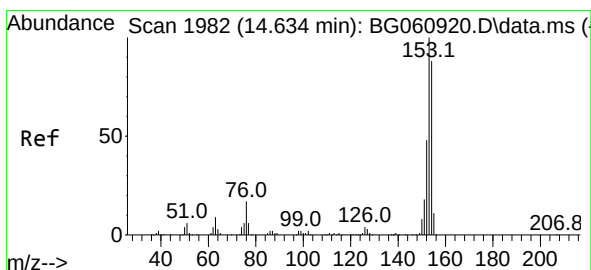
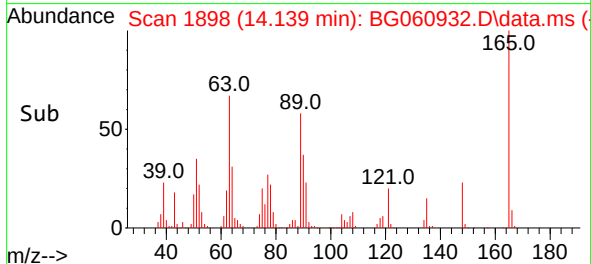
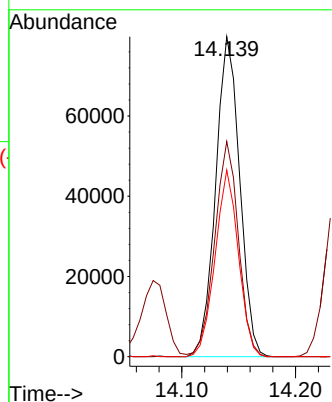
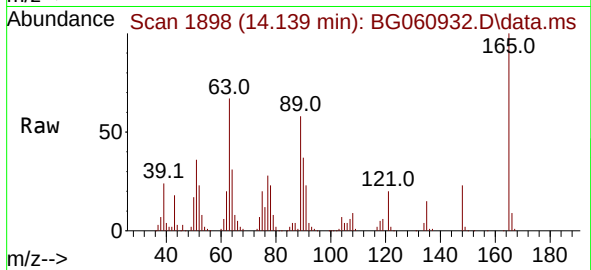
PB160246BS

Tgt Ion:165 Resp: 117190
Ion Ratio Lower Upper
165 100
63 67.3 53.8 80.8
89 58.3 48.2 72.4

Manual Integrations

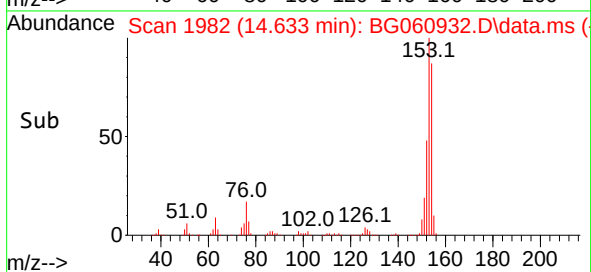
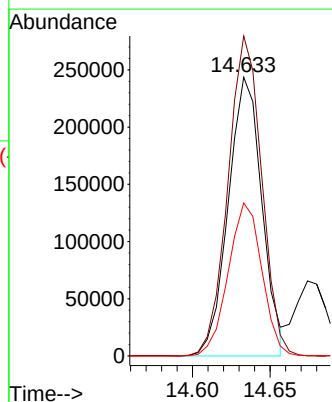
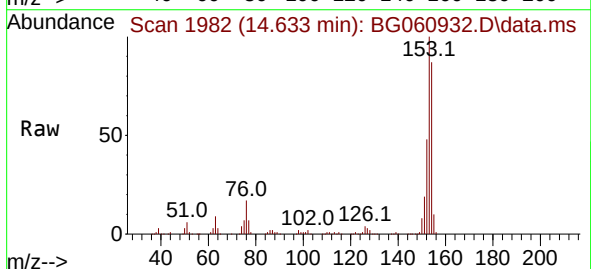
APPROVED

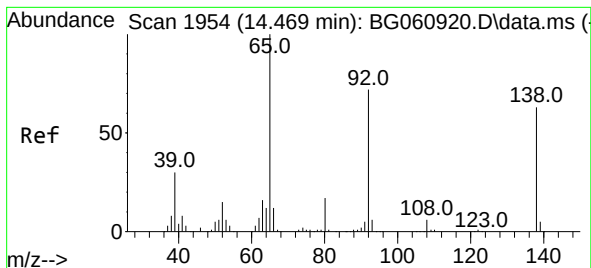
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#52
Acenaphthene
Concen: 43.312 ng
RT: 14.633 min Scan# 1982
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Tgt Ion:154 Resp: 367090
Ion Ratio Lower Upper
154 100
153 114.8 91.4 137.0
152 54.8 44.1 66.1





#53
3-Nitroaniline
Concen: 27.468 ng
RT: 14.468 min Scan# 1954
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

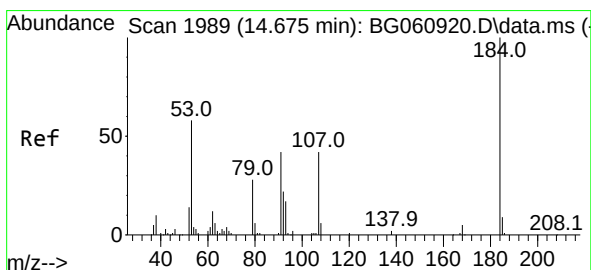
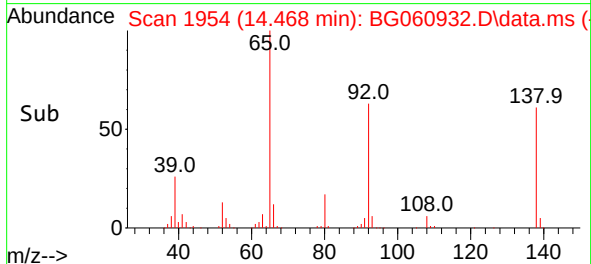
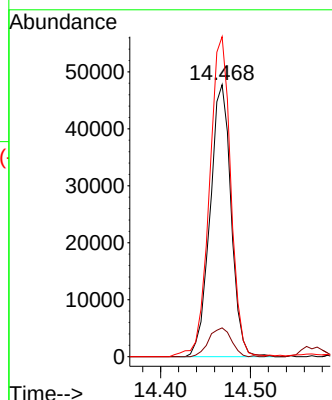
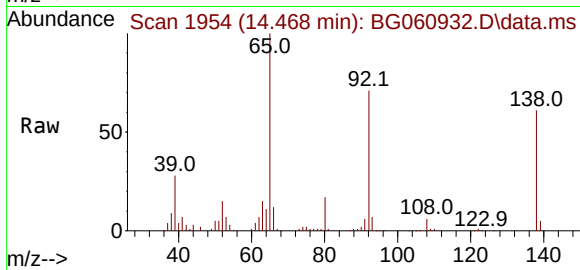
PB160246BS

Tgt Ion:138 Resp: 7744
Ion Ratio Lower Upper
138 100
108 10.6 7.5 11.3
92 117.6 92.5 138.7

Manual Integrations

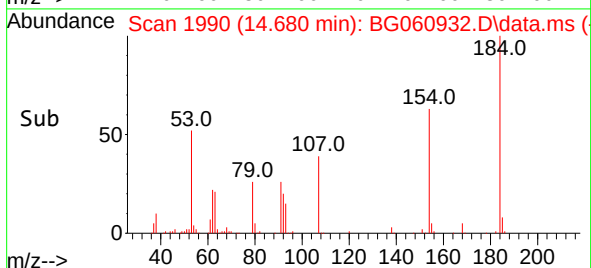
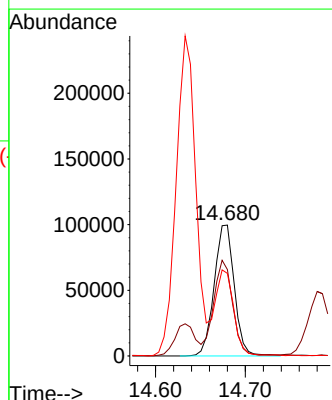
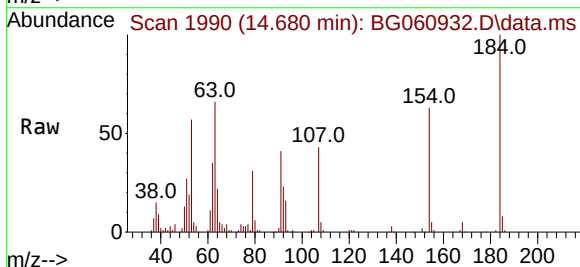
APPROVED

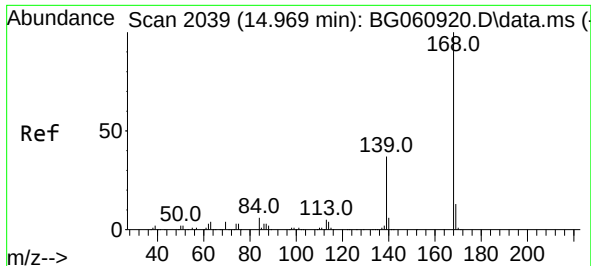
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#54
2,4-Dinitrophenol
Concen: 93.708 ng
RT: 14.680 min Scan# 1990
Delta R.T. 0.005 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Tgt Ion:184 Resp: 155403
Ion Ratio Lower Upper
184 100
63 66.1 52.0 78.0
154 63.1 50.7 76.1





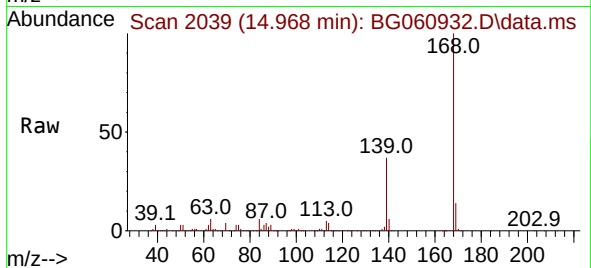
#55
Dibenzofuran
Concen: 43.590 ng
RT: 14.968 min Scan# 2039
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS

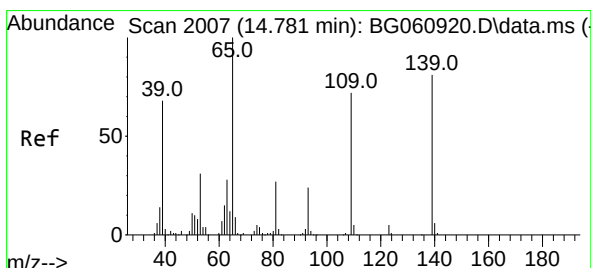
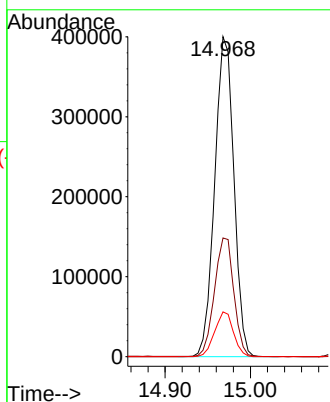
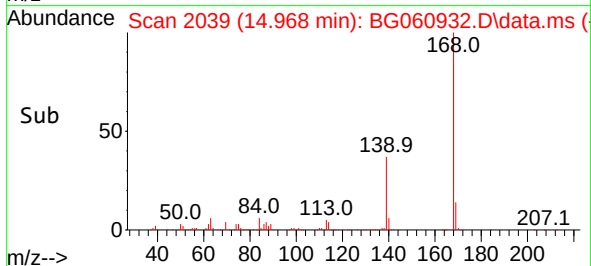


Tgt Ion:168 Resp: 624090
Ion Ratio Lower Upper
168 100
139 37.1 29.9 44.9
169 14.0 10.6 16.0

Manual Integrations

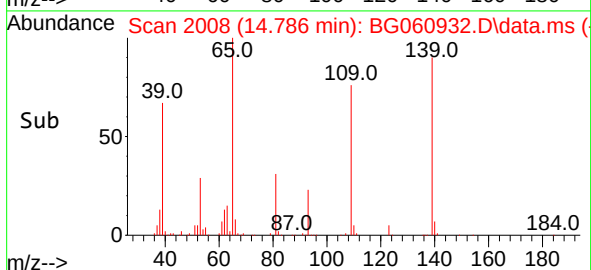
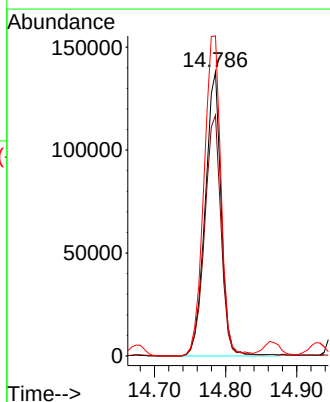
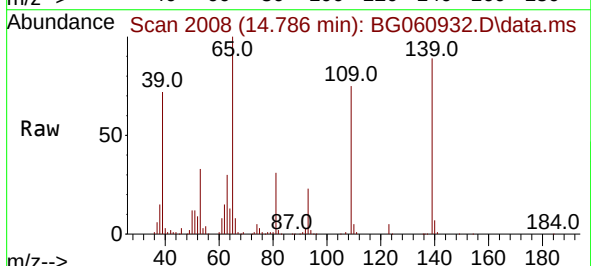
APPROVED

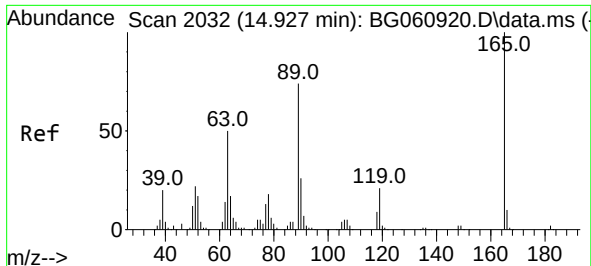
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#56
4-Nitrophenol
Concen: 100.285 ng
RT: 14.786 min Scan# 2008
Delta R.T. 0.005 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Tgt Ion:139 Resp: 216489
Ion Ratio Lower Upper
139 100
109 84.8 69.7 109.7
65 112.7 103.7 143.7





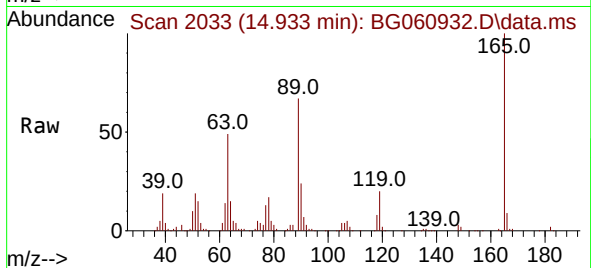
#57
2,4-Dinitrotoluene
Concen: 49.039 ng
RT: 14.933 min Scan# 2033
Delta R.T. 0.005 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS



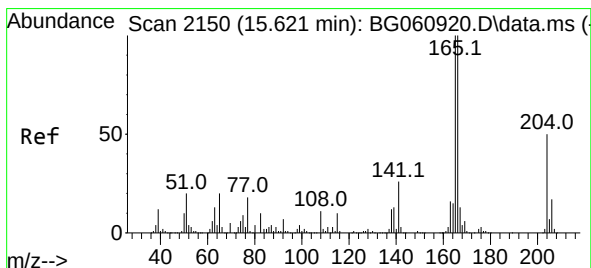
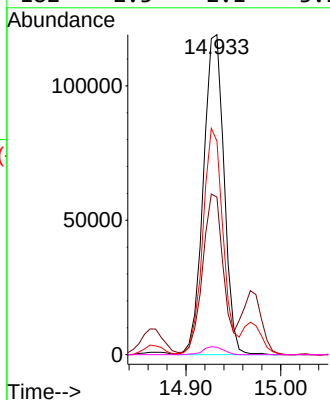
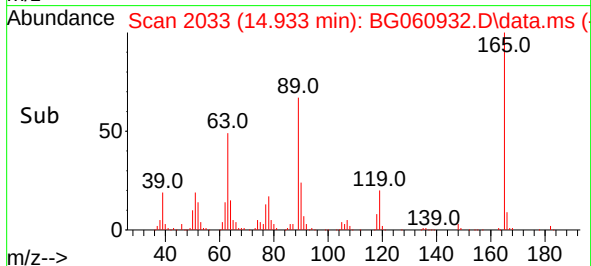
Tgt Ion:165 Resp: 179989
Ion Ratio Lower Upper
165 100
63 49.3 40.2 60.2
89 66.8 59.0 88.4
182 2.3 2.1 3.1

Manual Integrations

APPROVED

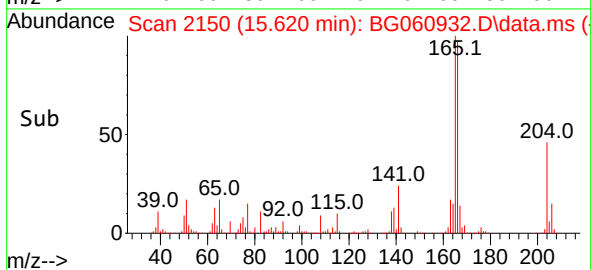
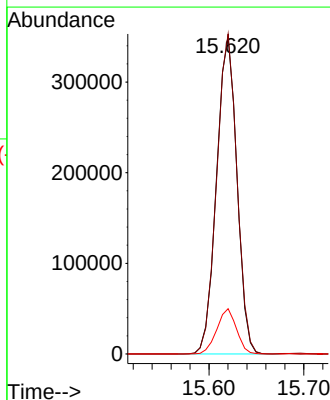
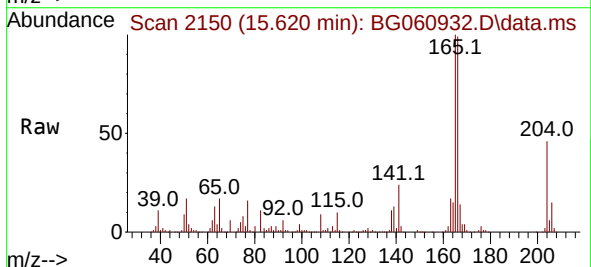
Reviewed By :Yogesh Patel 04/22/2024

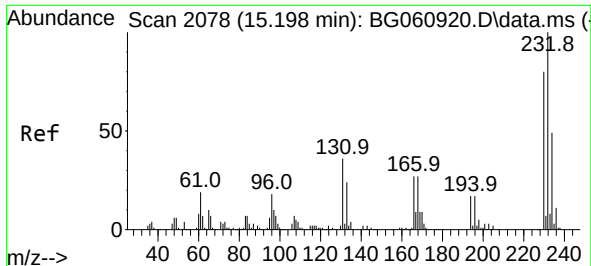
Supervised By :mohammad ahmed 04/22/2024



#58
Fluorene
Concen: 44.017 ng
RT: 15.620 min Scan# 2150
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Tgt Ion:166 Resp: 522749
Ion Ratio Lower Upper
166 100
165 101.0 80.2 120.4
167 14.3 10.4 15.6





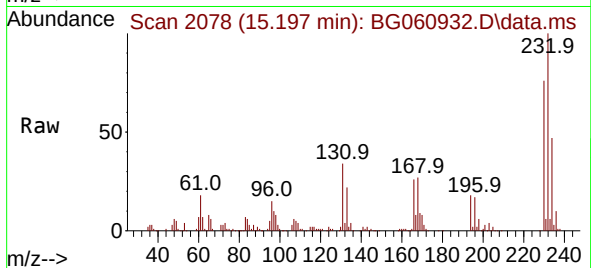
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.702 ng
RT: 15.197 min Scan# 2078
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS



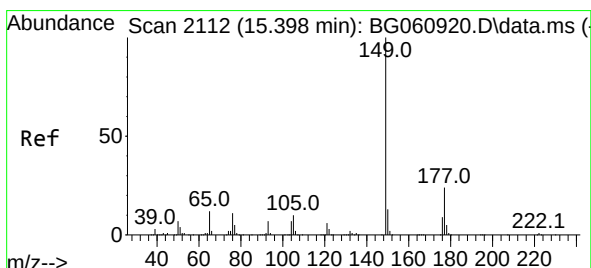
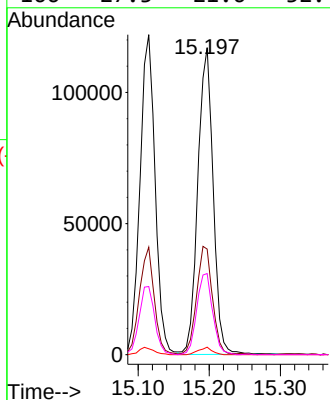
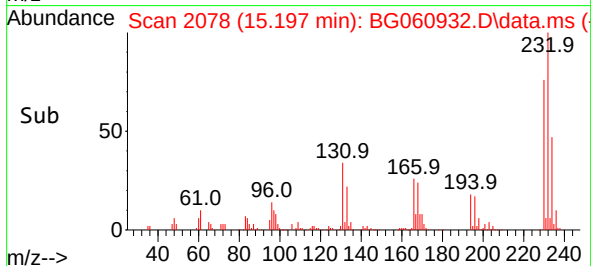
Tgt Ion:232 Resp: 17631
Ion Ratio Lower Upper
232 100
131 35.6 29.8 44.8
130 2.2 1.8 2.8
166 27.3 21.6 32.4

Manual Integrations

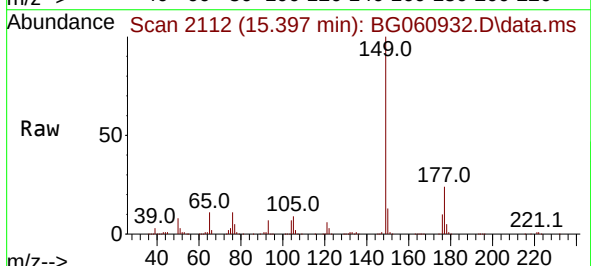
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

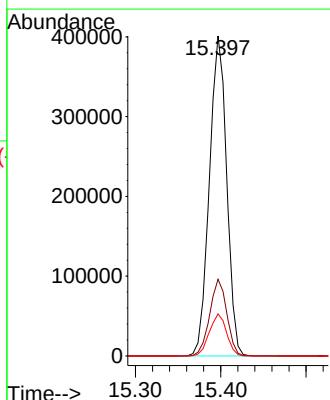
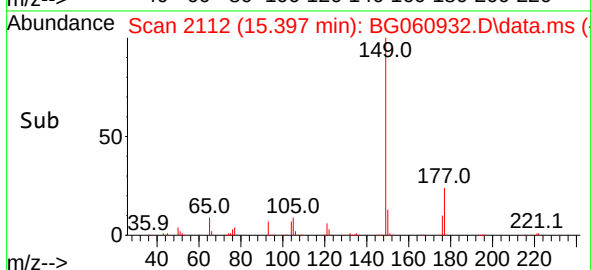
Supervised By :mohammad ahmed 04/22/2024

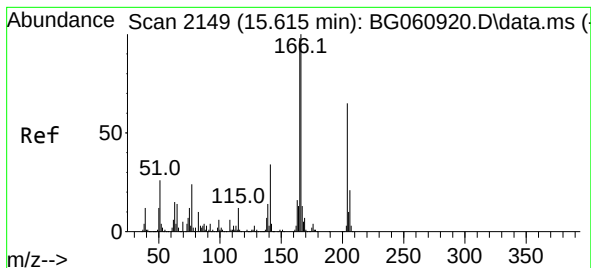


#60
Diethylphthalate
Concen: 44.701 ng
RT: 15.397 min Scan# 2112
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42



Tgt Ion:149 Resp: 564239
Ion Ratio Lower Upper
149 100
177 24.0 19.0 28.4
150 13.2 10.5 15.7





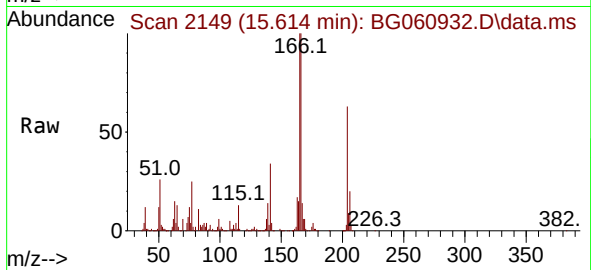
#61
4-Chlorophenyl-phenylether
Concen: 42.976 ng
RT: 15.614 min Scan# 2149
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS

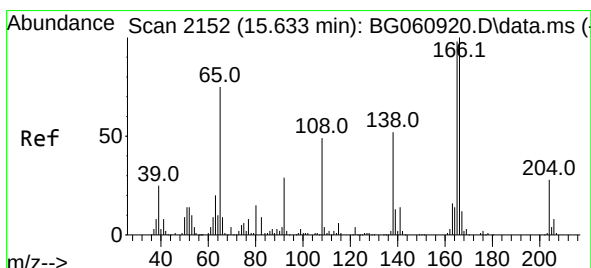
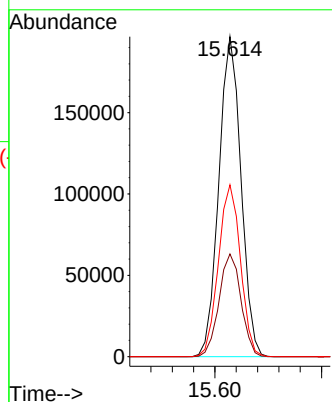
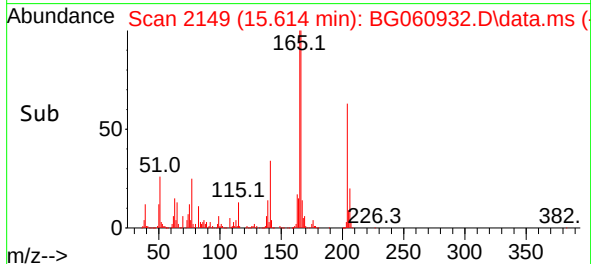


Tgt Ion:204 Resp: 28291
Ion Ratio Lower Upper
204 100
206 32.1 25.4 38.0
141 53.7 42.0 63.0

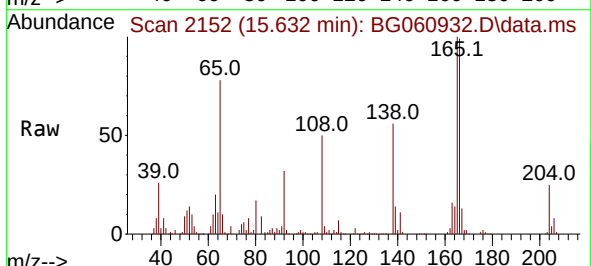
Manual Integrations

APPROVED

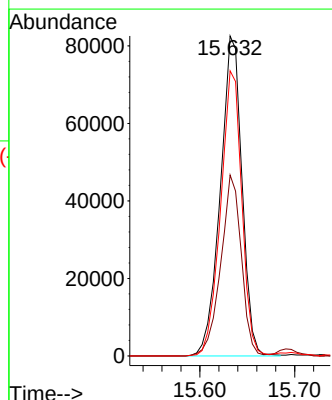
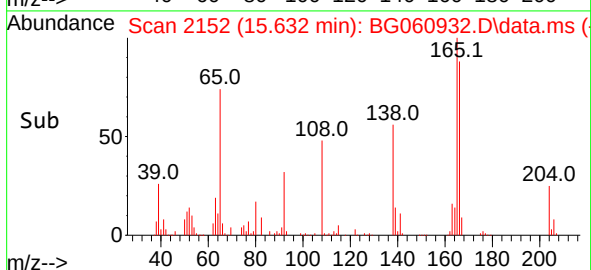
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

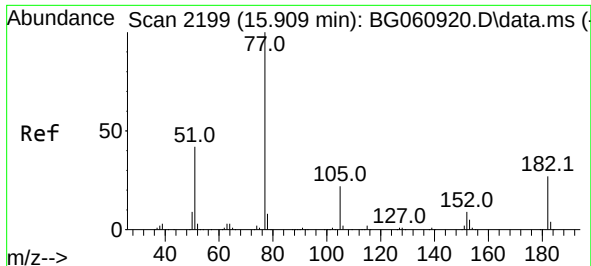


#62
4-Nitroaniline
Concen: 43.220 ng
RT: 15.632 min Scan# 2152
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42



Tgt Ion:138 Resp: 131028
Ion Ratio Lower Upper
138 100
92 56.5 34.8 74.8
108 89.1 73.9 113.9





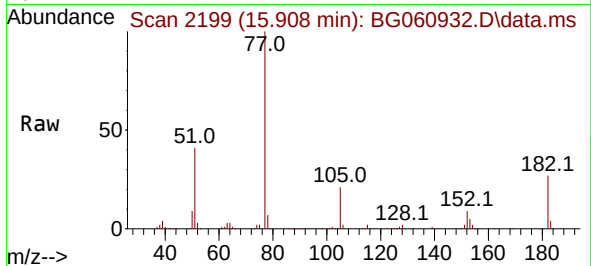
#63
Azobenzene
Concen: 44.574 ng
RT: 15.908 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS



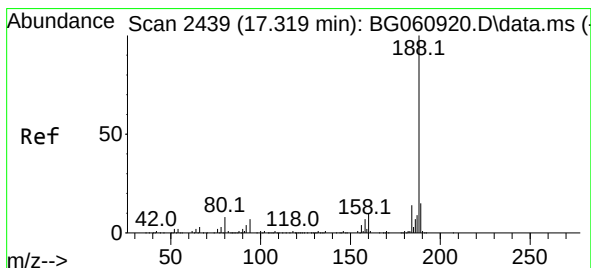
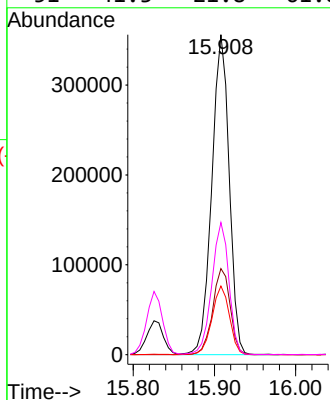
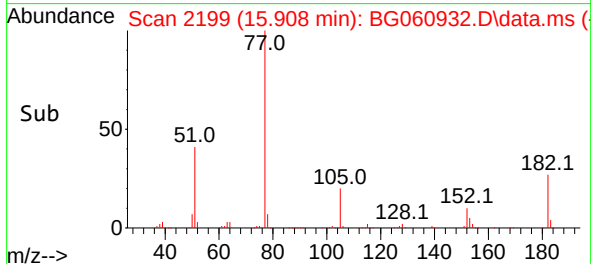
Tgt Ion: 77 Resp: 530272
Ion Ratio Lower Upper
77 100
182 26.9 6.8 46.8
105 21.4 1.7 41.7
51 41.3 21.8 61.8

Manual Integrations

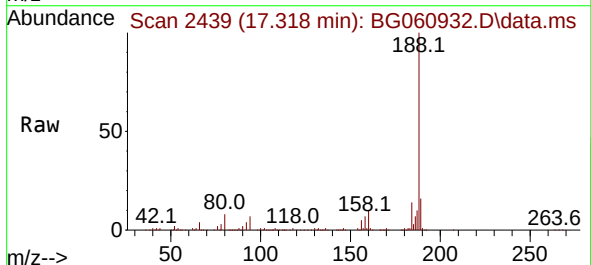
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

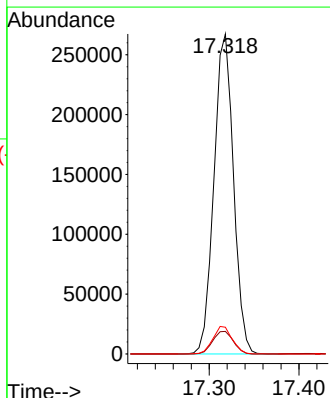
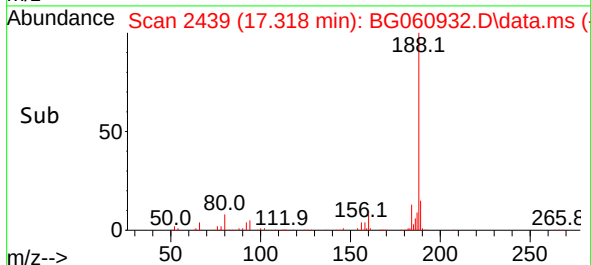
Supervised By :mohammad ahmed 04/22/2024

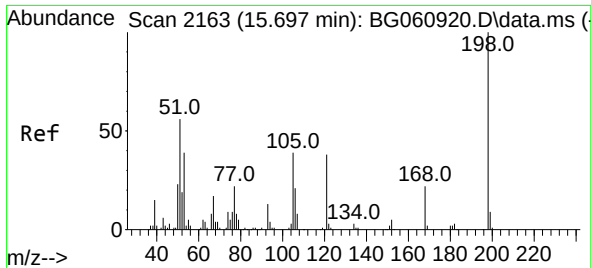


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42



Tgt Ion:188 Resp: 403569
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 8.3 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 50.953 ng
RT: 15.696 min Scan# 2163
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

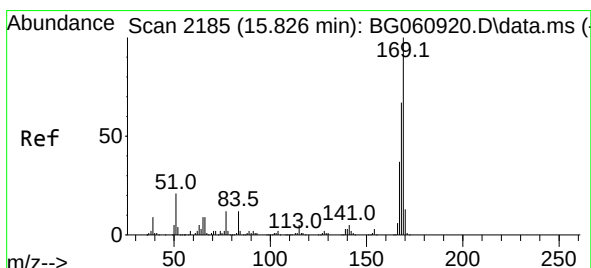
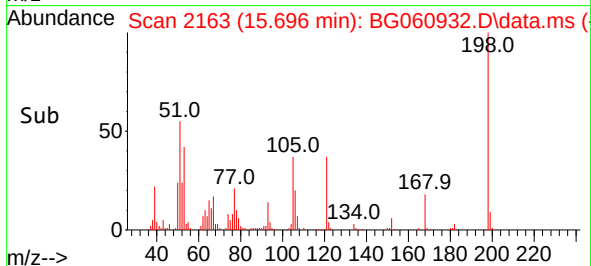
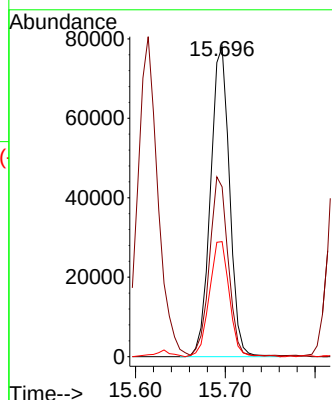
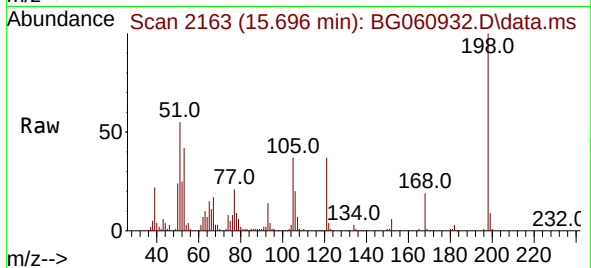
ClientSampleId :

PB160246BS

Tgt Ion:198 Resp: 11472
Ion Ratio Lower Upper
198 100
51 54.8 38.2 78.2
105 37.2 19.7 59.7

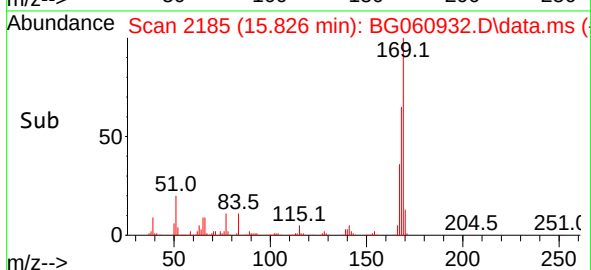
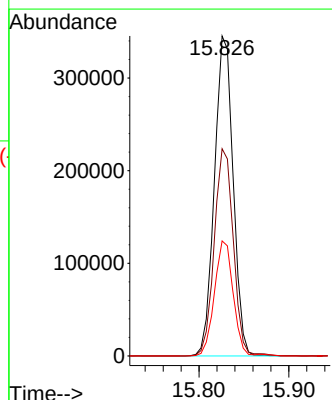
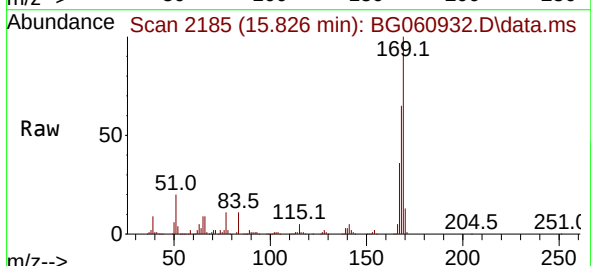
Manual Integrations
APPROVED

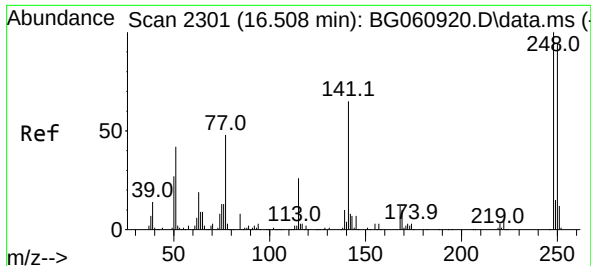
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#66
n-Nitrosodiphenylamine
Concen: 45.139 ng
RT: 15.826 min Scan# 2185
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Tgt Ion:169 Resp: 500067
Ion Ratio Lower Upper
169 100
168 64.7 53.7 80.5
167 36.0 29.8 44.6





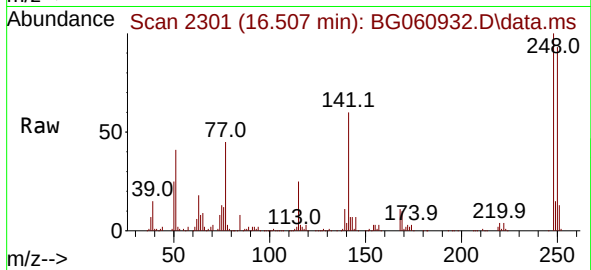
#67
4-Bromophenyl-phenylether
Concen: 44.725 ng
RT: 16.507 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS

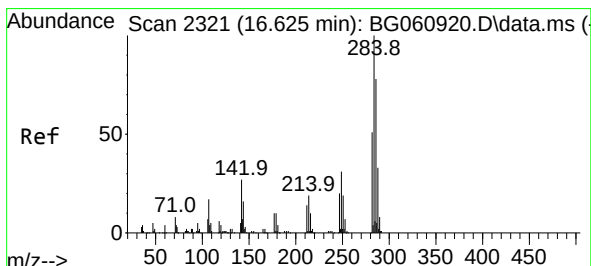
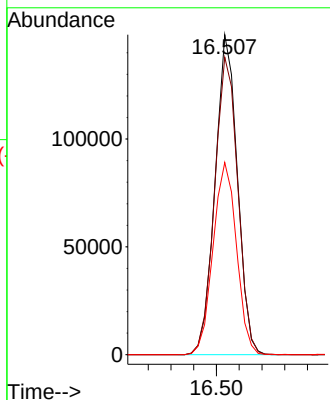
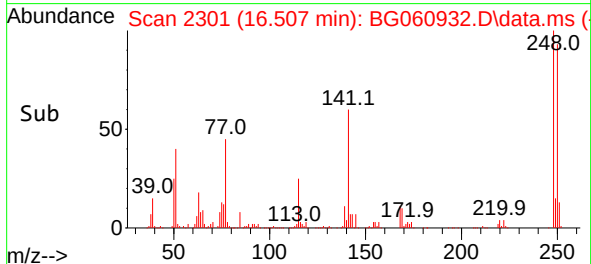


Tgt Ion:248 Resp: 202200
Ion Ratio Lower Upper
248 100
250 93.0 75.4 113.2
141 60.0 52.2 78.2

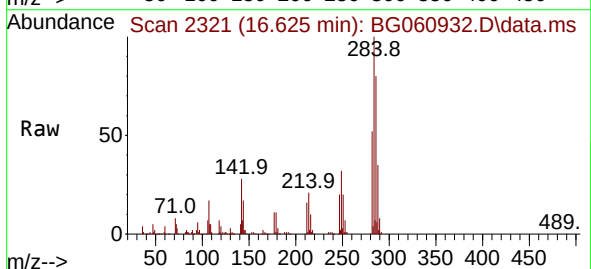
Manual Integrations

APPROVED

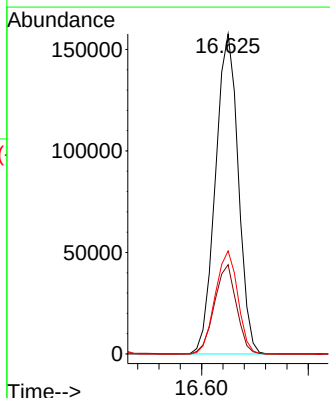
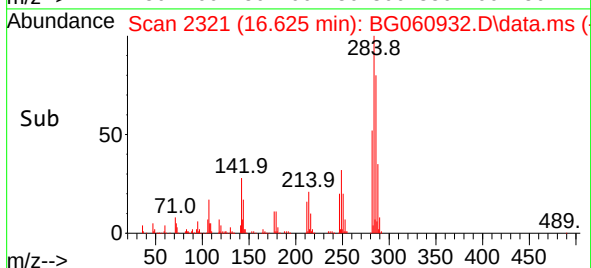
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

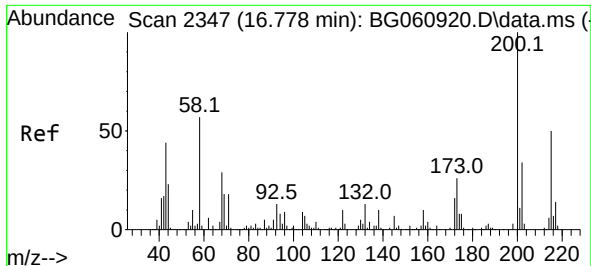


#68
Hexachlorobenzene
Concen: 47.548 ng
RT: 16.625 min Scan# 2321
Delta R.T. -0.000 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42



Tgt Ion:284 Resp: 233907
Ion Ratio Lower Upper
284 100
142 27.9 21.2 31.8
249 32.2 24.9 37.3





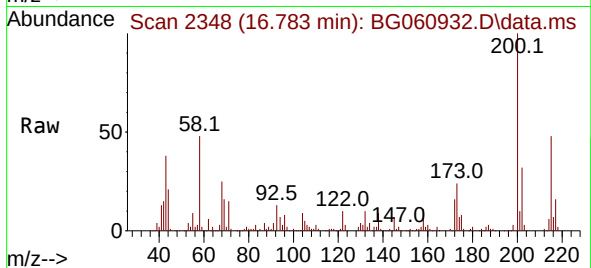
#69
Atrazine
Concen: 51.272 ng
RT: 16.783 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS

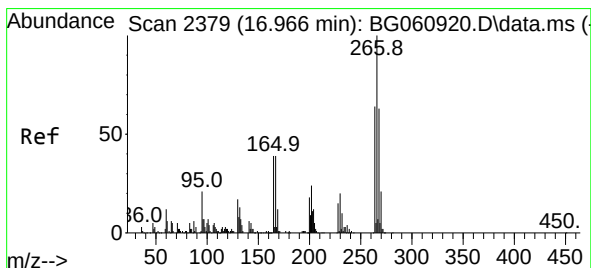
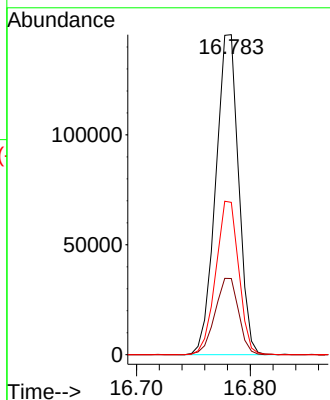
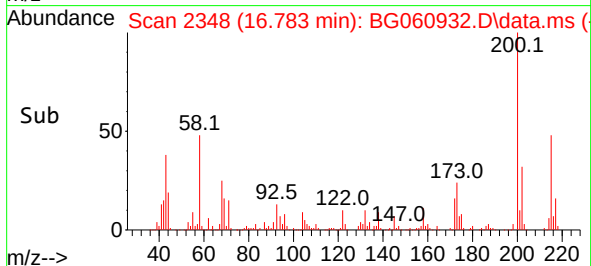


Tgt Ion:200 Resp: 20414
Ion Ratio Lower Upper
200 100
173 23.8 6.5 46.5
215 47.6 30.4 70.4

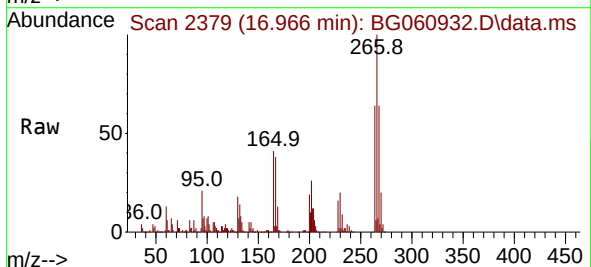
Manual Integrations

APPROVED

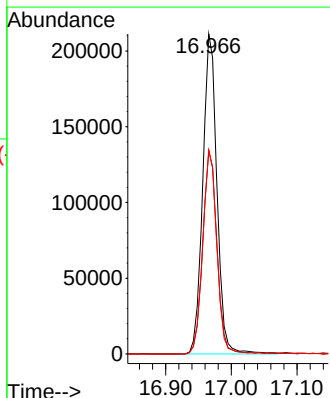
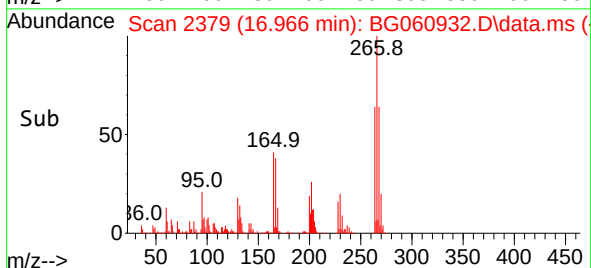
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

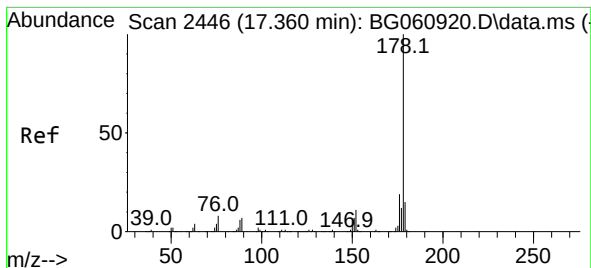


#70
Pentachlorophenol
Concen: 95.575 ng
RT: 16.966 min Scan# 2379
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42



Tgt Ion:266 Resp: 318413
Ion Ratio Lower Upper
266 100
268 63.5 50.2 75.2
264 63.7 51.2 76.8





#71

Phenanthrene

Concen: 46.040 ng

RT: 17.359 min Scan# 2446

Delta R.T. -0.001 min

Lab File: BG060932.D

Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

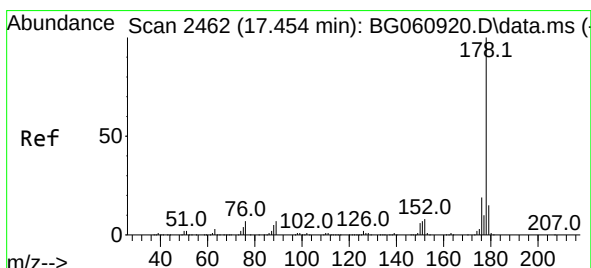
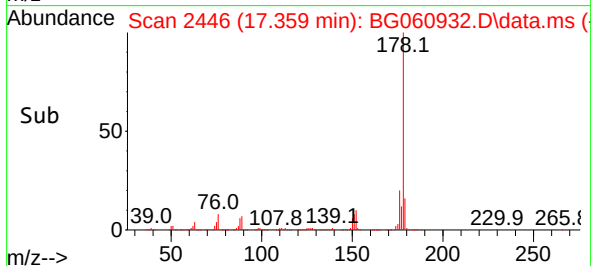
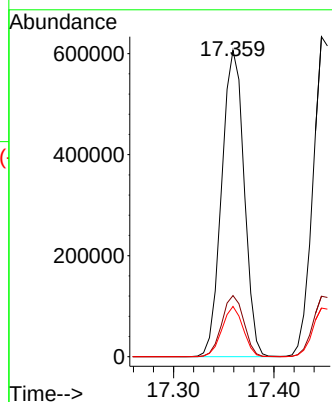
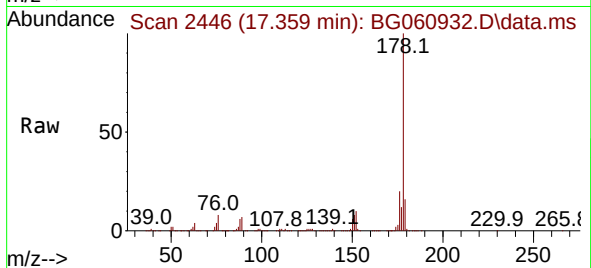
PB160246BS

Tgt Ion:178	Resp: 940469
Ion Ratio	Lower Upper
178 100	
176 20.0	15.4 23.2
179 16.4	12.0 18.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#72

Anthracene

Concen: 46.030 ng

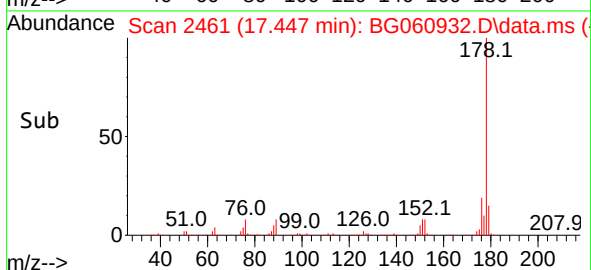
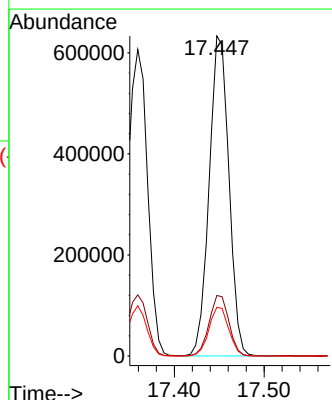
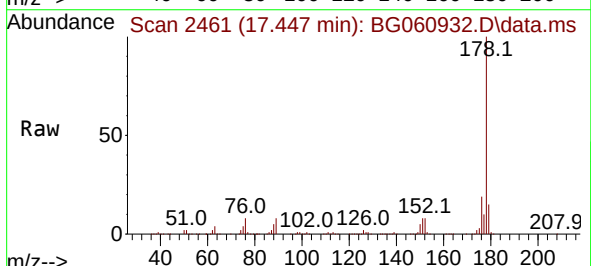
RT: 17.447 min Scan# 2461

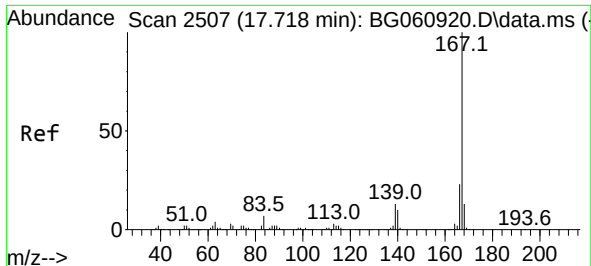
Delta R.T. -0.007 min

Lab File: BG060932.D

Acq: 18 Apr 2024 11:42

Tgt Ion:178	Resp: 965847
Ion Ratio	Lower Upper
178 100	
176 18.9	15.0 22.4
179 15.2	11.6 17.4





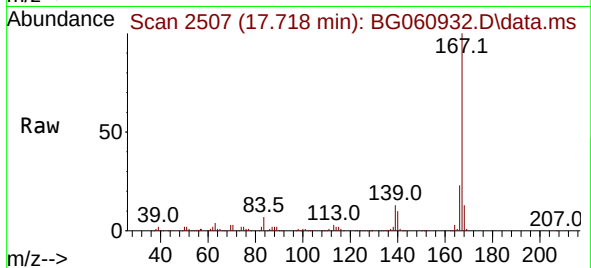
#73
 Carbazole
 Concen: 47.219 ng
 RT: 17.718 min Scan# 2507
 Delta R.T. -0.001 min
 Lab File: BG060932.D
 Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS

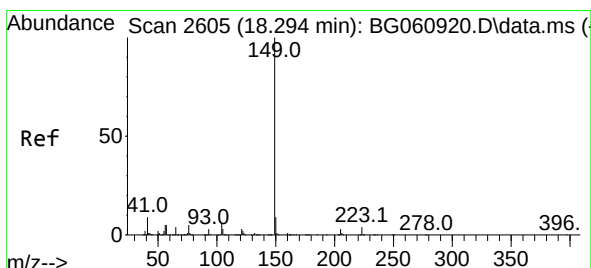
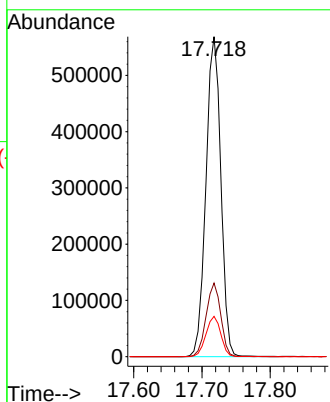
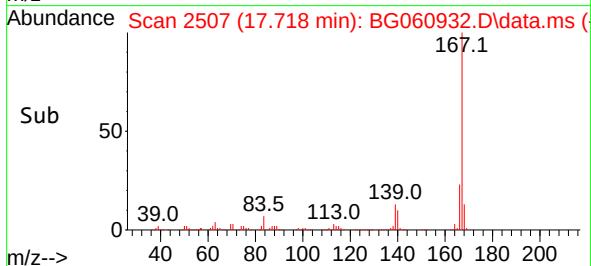


Tgt Ion:167 Resp: 863227
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.4 27.6
 139 12.6 10.1 15.1

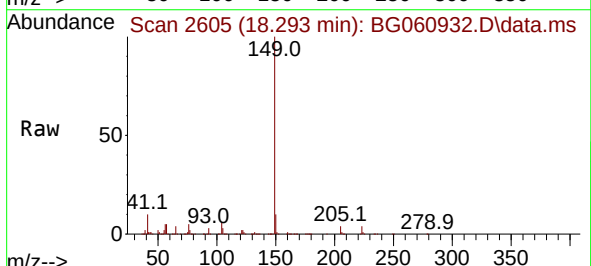
Manual Integrations

APPROVED

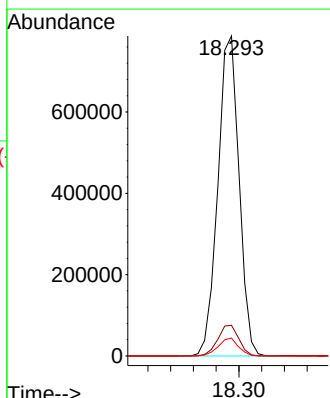
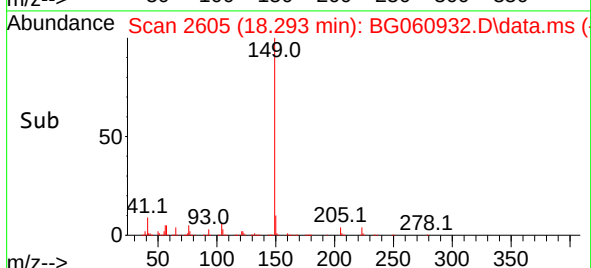
Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024

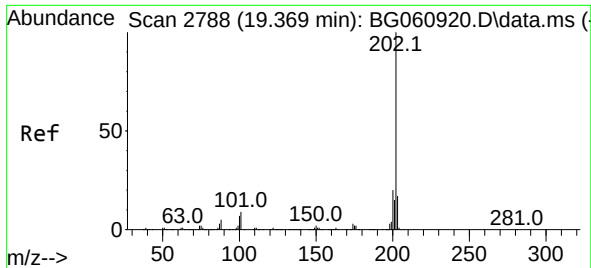


#74
 Di-n-butylphthalate
 Concen: 46.267 ng
 RT: 18.293 min Scan# 2605
 Delta R.T. -0.001 min
 Lab File: BG060932.D
 Acq: 18 Apr 2024 11:42



Tgt Ion:149 Resp: 1018313
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 5.6 4.6 6.8





#75
Fluoranthene
Concen: 45.546 ng
RT: 19.369 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

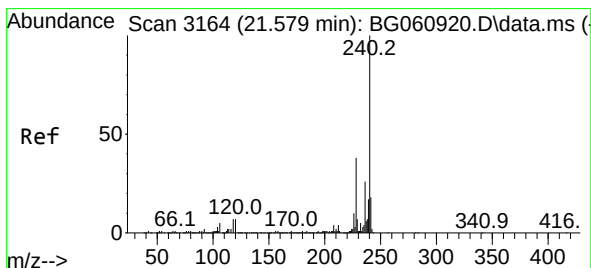
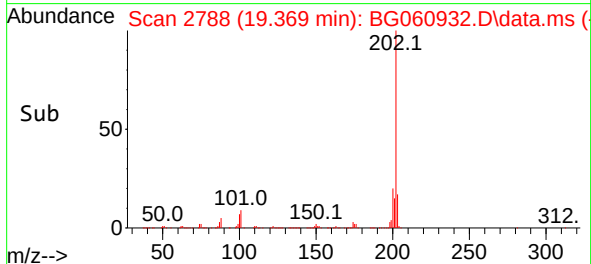
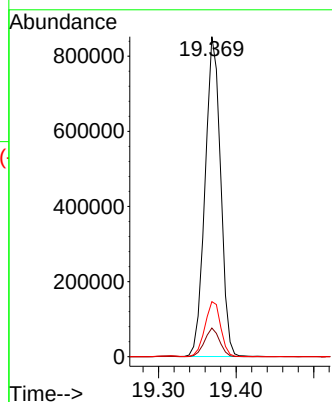
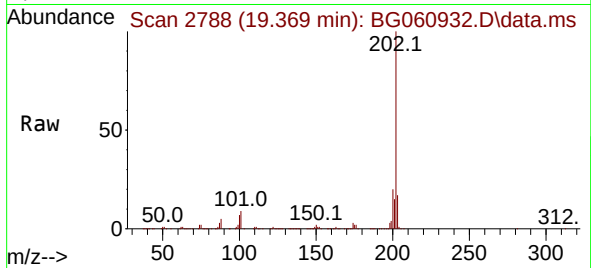
PB160246BS

Tgt Ion:202 Resp: 1184229
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.6
203 17.2 0.0 37.3

Manual Integrations

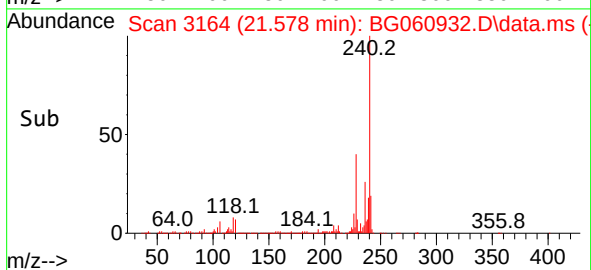
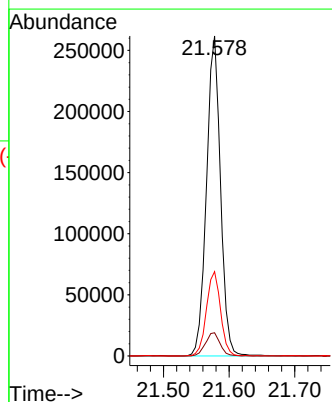
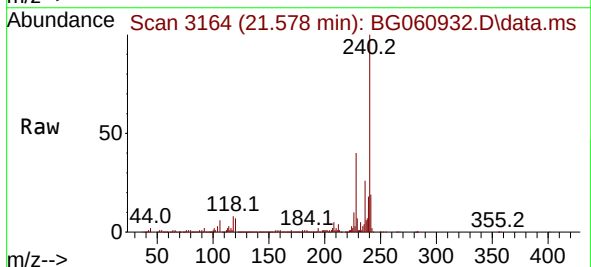
APPROVED

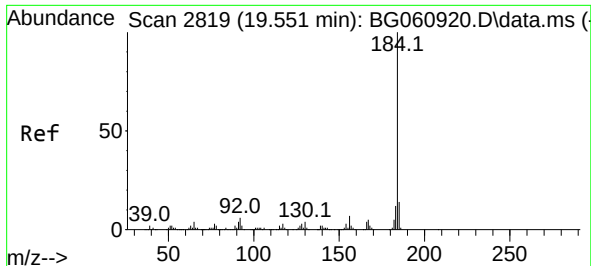
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3164
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Tgt Ion:240 Resp: 389228
Ion Ratio Lower Upper
240 100
120 7.3 5.7 8.5
236 26.4 21.1 31.7





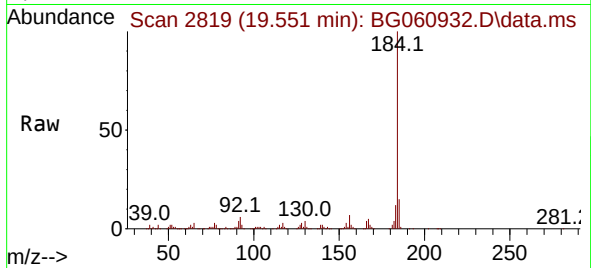
#77
Benzidine
Concen: 38.198 ng
RT: 19.551 min Scan# 2819
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS



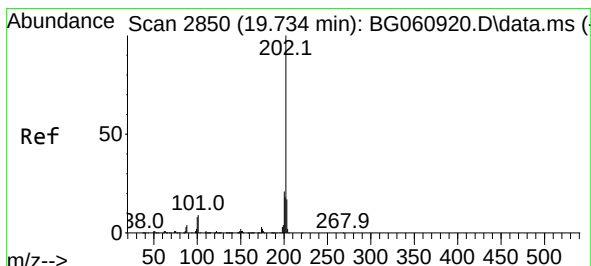
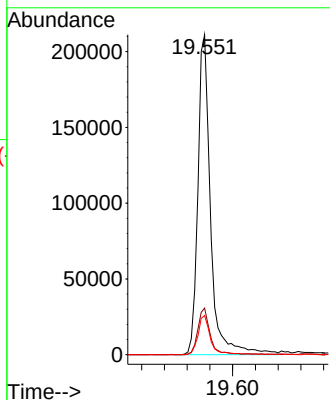
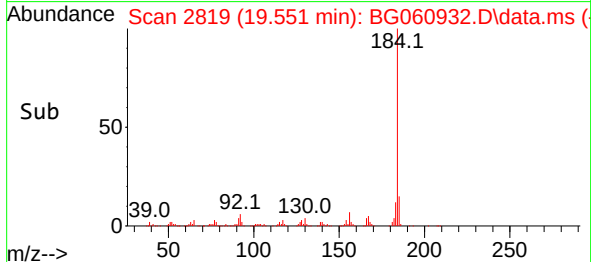
Tgt Ion:184 Resp: 32794
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.0
183 12.3 9.4 14.2

Manual Integrations

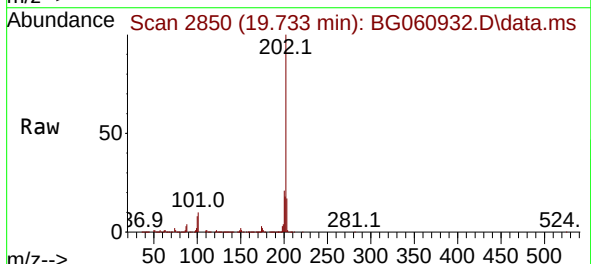
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

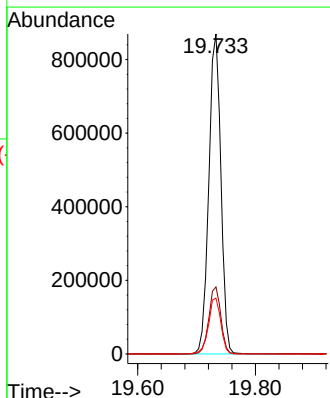
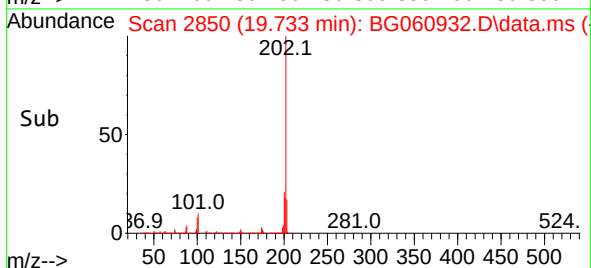
Supervised By :mohammad ahmed 04/22/2024

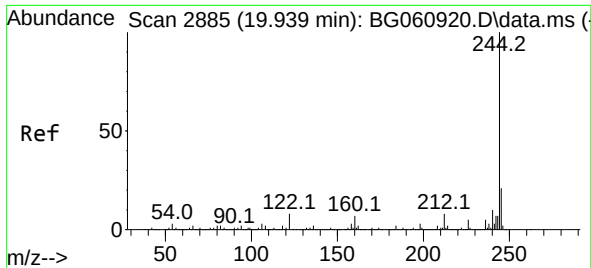


#78
Pyrene
Concen: 46.322 ng
RT: 19.733 min Scan# 2850
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42



Tgt Ion:202 Resp: 1236833
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.5 13.8 20.8





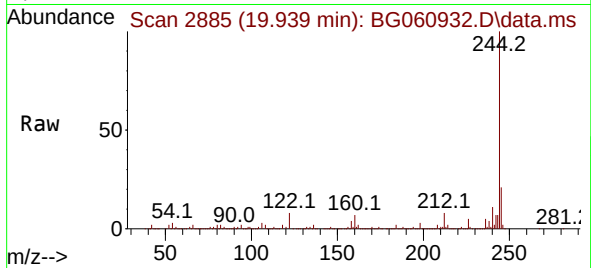
#79
 Terphenyl-d14
 Concen: 84.523 ng
 RT: 19.939 min Scan# 2885
 Delta R.T. -0.001 min
 Lab File: BG060932.D
 Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS



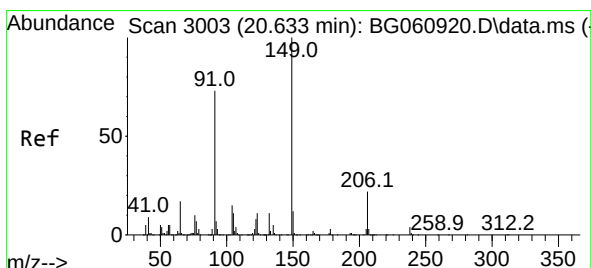
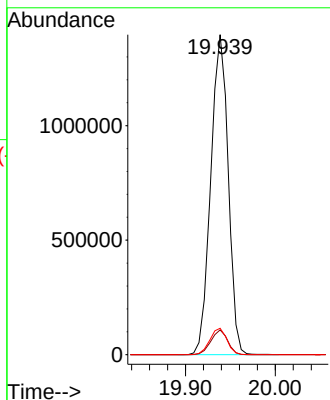
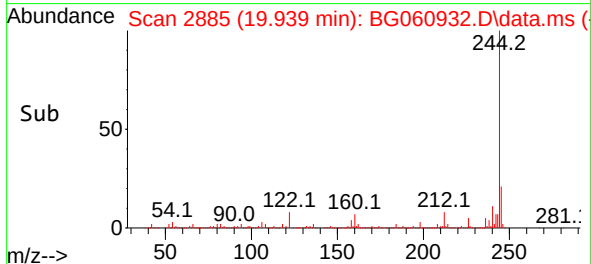
Tgt Ion:244 Resp: 1885050
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 8.3 6.6 9.8

Manual Integrations

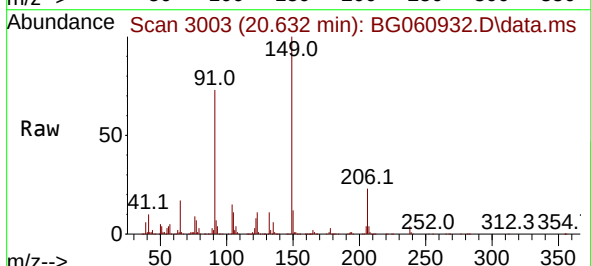
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

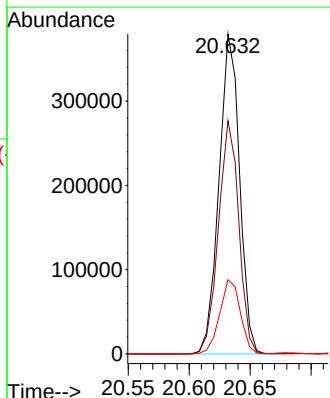
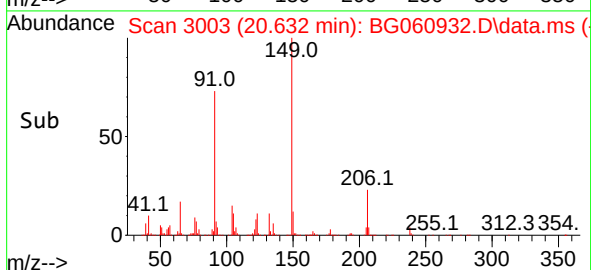
Supervised By :mohammad ahmed 04/22/2024

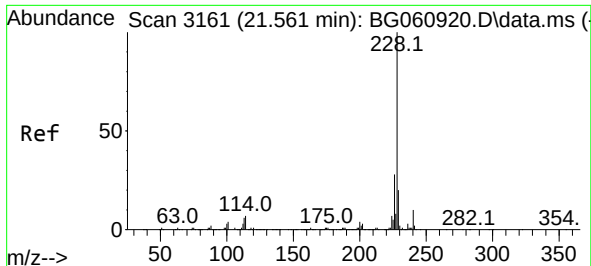


#80
 Butylbenzylphthalate
 Concen: 45.456 ng
 RT: 20.632 min Scan# 3003
 Delta R.T. -0.001 min
 Lab File: BG060932.D
 Acq: 18 Apr 2024 11:42



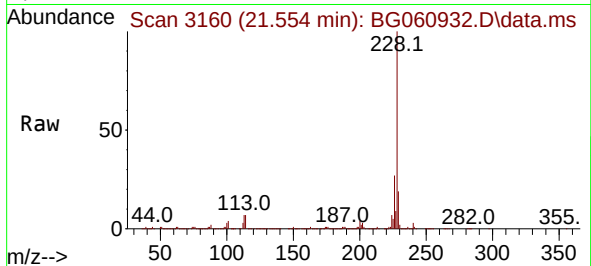
Tgt Ion:149 Resp: 445787
 Ion Ratio Lower Upper
 149 100
 91 72.9 58.7 88.1
 206 23.2 18.0 27.0





#81
Benzo(a)anthracene
Concen: 47.191 ng
RT: 21.554 min Scan# 3160
Delta R.T. -0.007 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

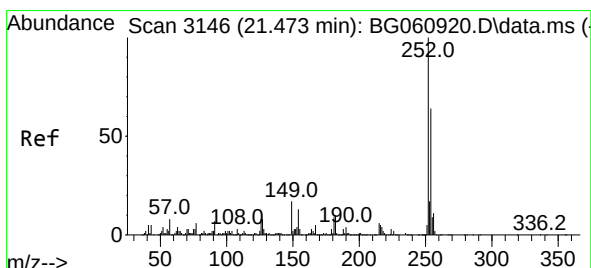
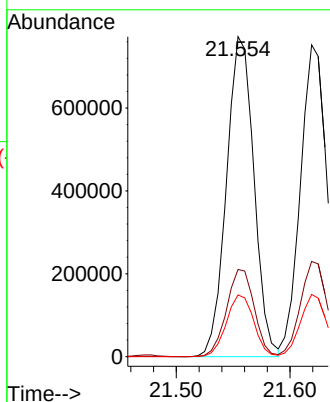
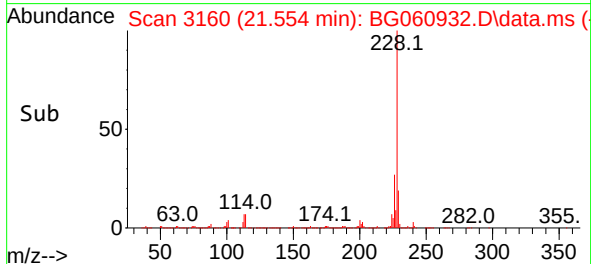
Instrument :
BNA_G
ClientSampleId :
PB160246BS



Tgt Ion:228 Resp: 129704
Ion Ratio Lower Upper
228 100
226 27.3 22.0 33.0
229 19.3 15.6 23.4

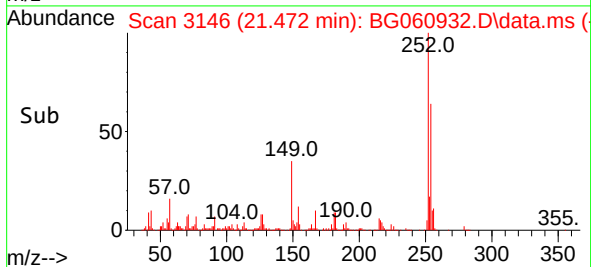
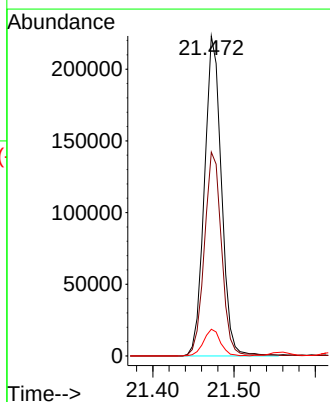
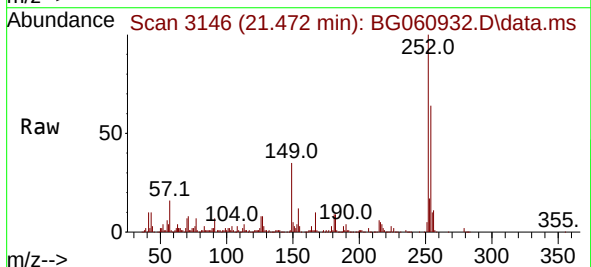
Manual Integrations
APPROVED

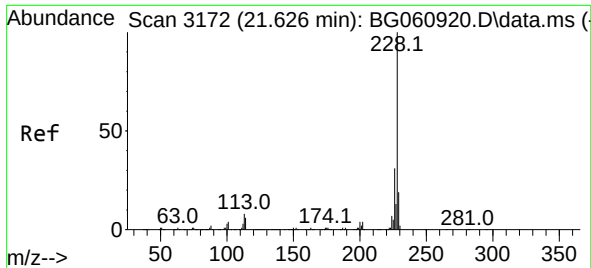
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



#82
3,3'-Dichlorobenzidine
Concen: 33.074 ng
RT: 21.472 min Scan# 3146
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

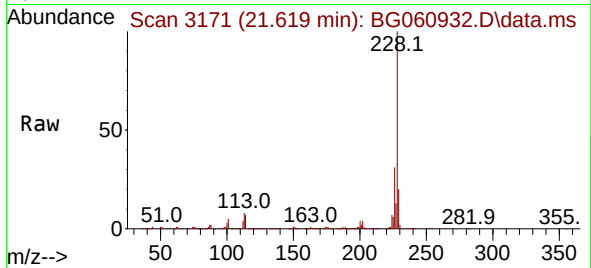
Tgt Ion:252 Resp: 323723
Ion Ratio Lower Upper
252 100
254 63.7 51.5 77.3
126 8.4 6.5 9.7





#83
Chrysene
Concen: 46.390 ng
RT: 21.619 min Scan# 3171
Delta R.T. -0.007 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

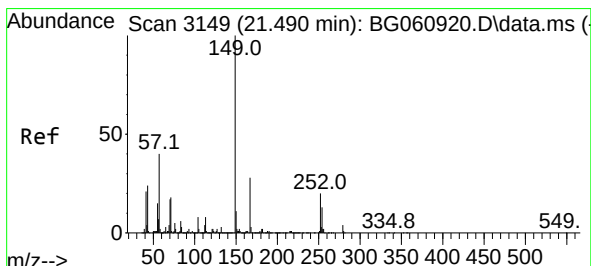
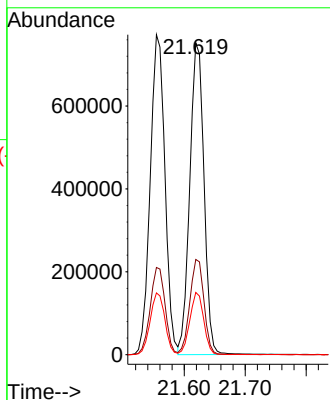
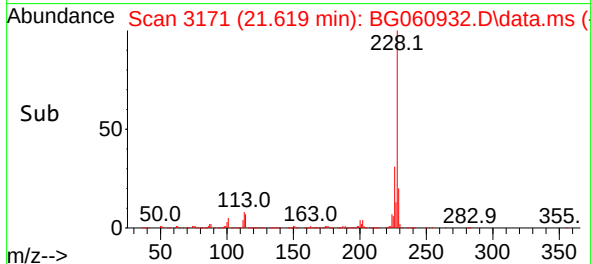
Instrument :
BNA_G
ClientSampleId :
PB160246BS



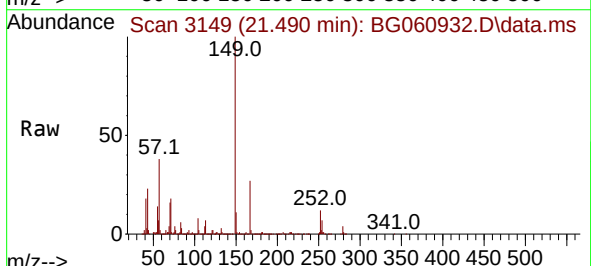
Tgt Ion:228 Resp: 121741
Ion Ratio Lower Upper
228 100
226 30.5 24.4 36.6
229 20.0 15.6 23.4

Manual Integrations
APPROVED

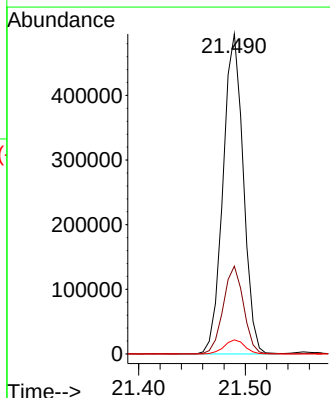
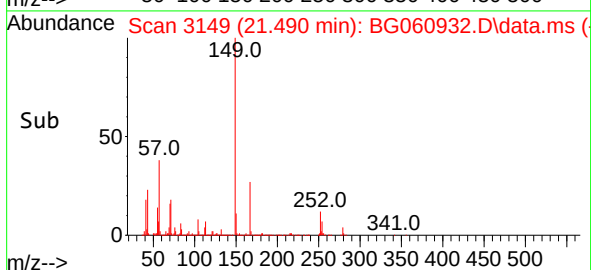
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

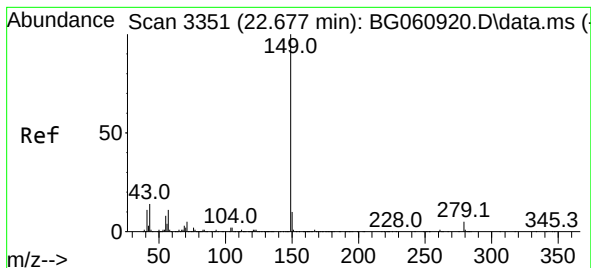


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.065 ng
RT: 21.490 min Scan# 3149
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42



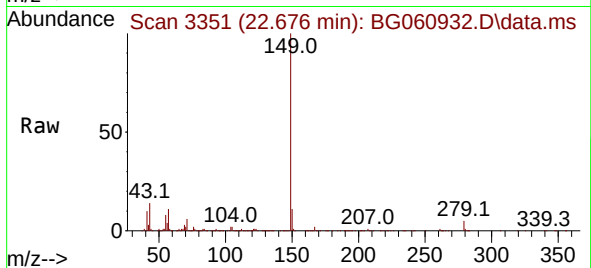
Tgt Ion:149 Resp: 653511
Ion Ratio Lower Upper
149 100
167 27.4 22.4 33.6
279 4.4 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 45.599 ng
RT: 22.676 min Scan# 311
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

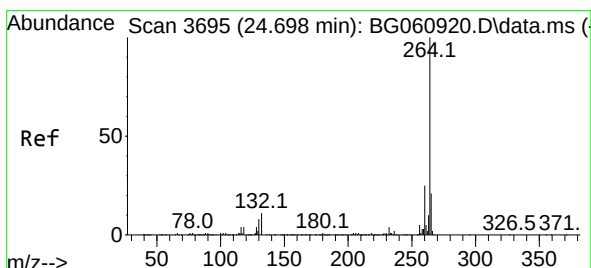
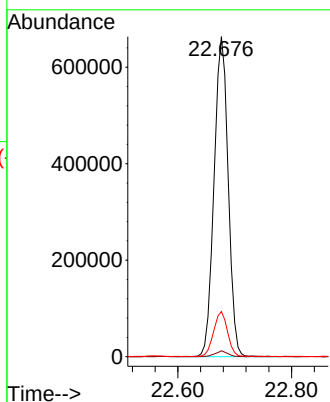
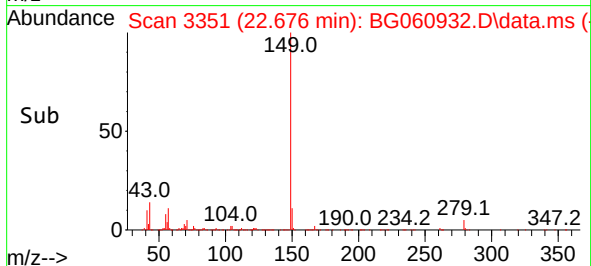
Instrument :
BNA_G
ClientSampleId :
PB160246BS



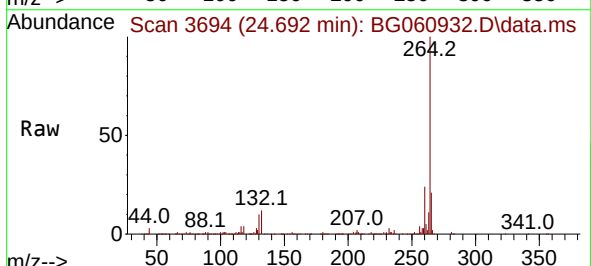
Tgt Ion:149 Resp: 1140974
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 13.8 11.2 16.8

Manual Integrations
APPROVED

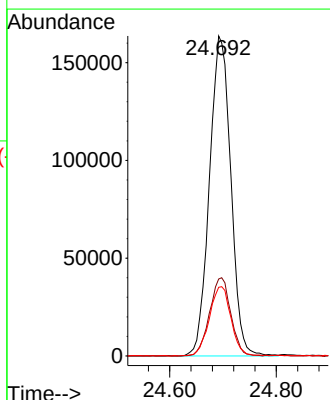
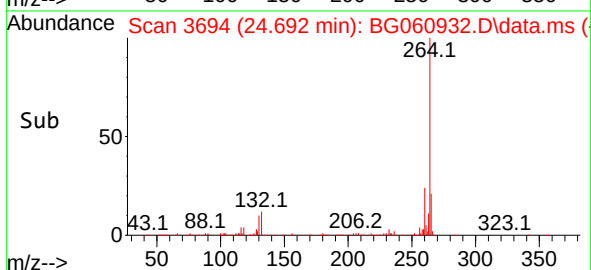
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

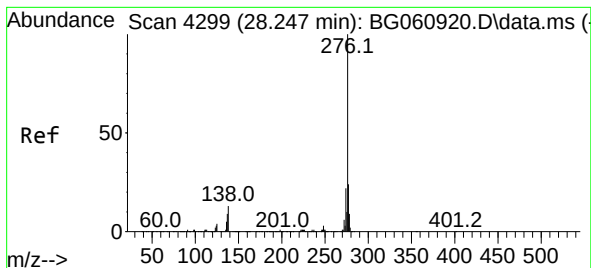


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.692 min Scan# 3694
Delta R.T. -0.007 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42



Tgt Ion:264 Resp: 455165
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 21.4 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.205 ng

RT: 28.241 min Scan# 41

Delta R.T. -0.007 min

Lab File: BG060932.D

Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS

Tgt Ion:276 Resp: 154874

Ion Ratio Lower Upper

276 100

138 12.9 10.8 16.2

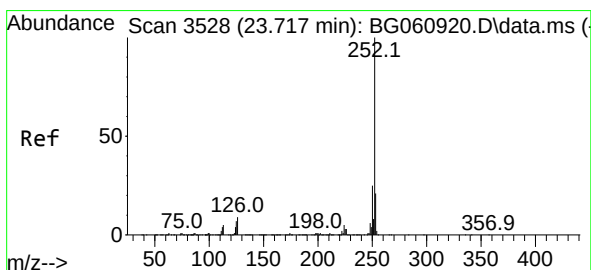
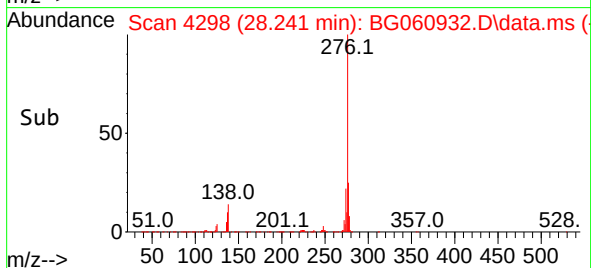
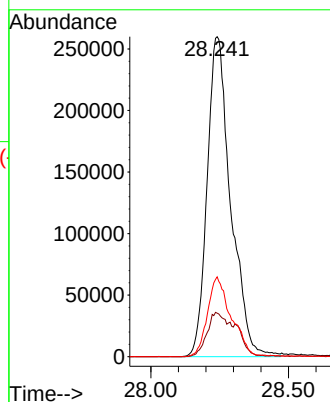
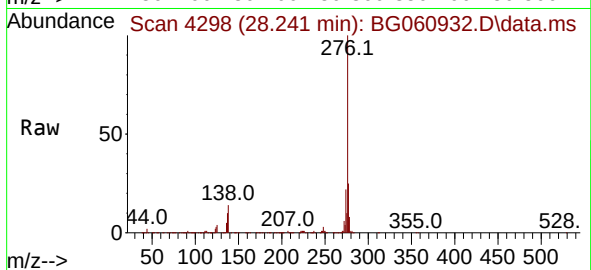
277 25.1 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#88

Benzo(b)fluoranthene

Concen: 49.261 ng

RT: 23.711 min Scan# 3527

Delta R.T. -0.007 min

Lab File: BG060932.D

Acq: 18 Apr 2024 11:42

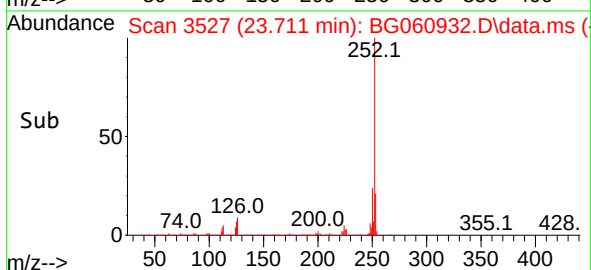
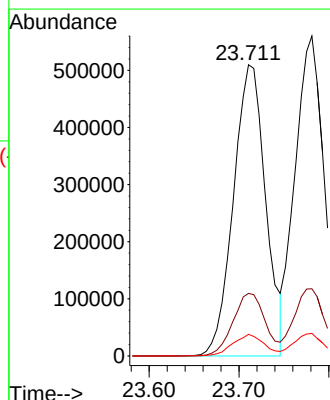
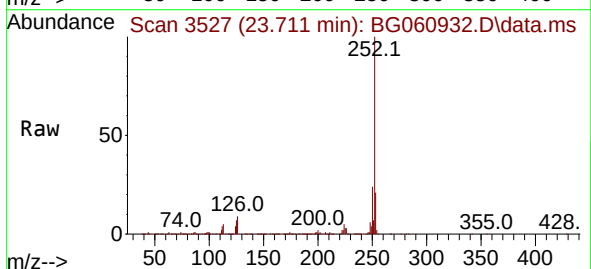
Tgt Ion:252 Resp: 1268605

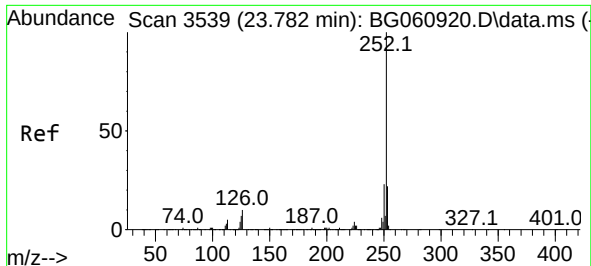
Ion Ratio Lower Upper

252 100

253 21.5 16.8 25.2

125 7.4 5.6 8.4





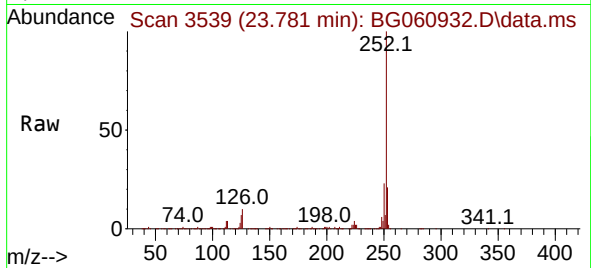
#89
Benzo(k)fluoranthene
Concen: 47.929 ng
RT: 23.781 min Scan# 3539
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS



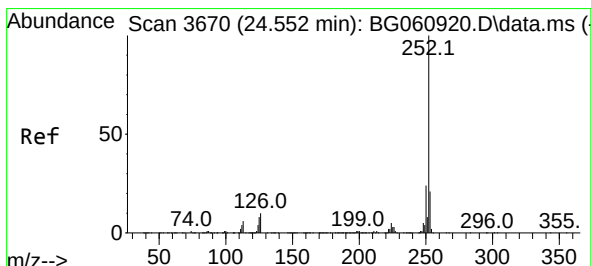
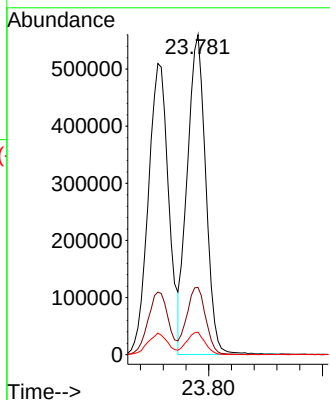
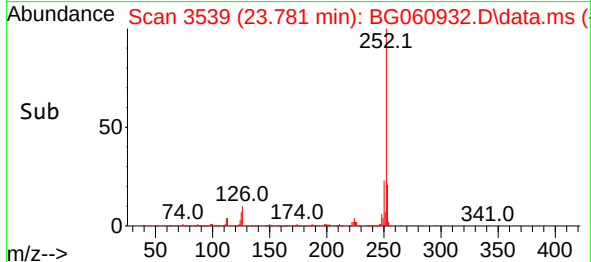
Tgt Ion:252 Resp: 126271
Ion Ratio Lower Upper
252 100
253 21.0 17.9 26.9
125 7.0 5.8 8.8

Manual Integrations

APPROVED

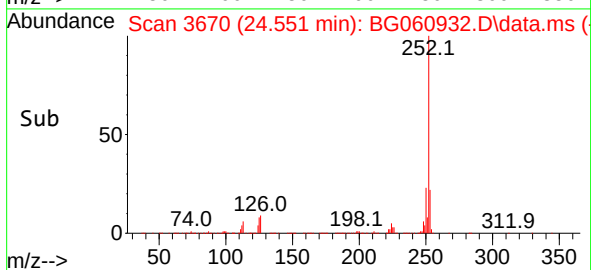
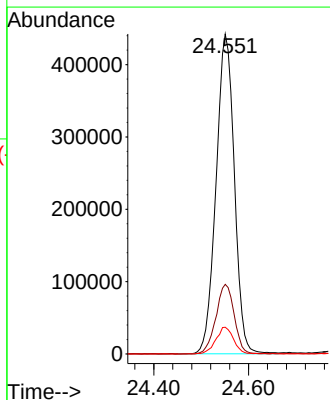
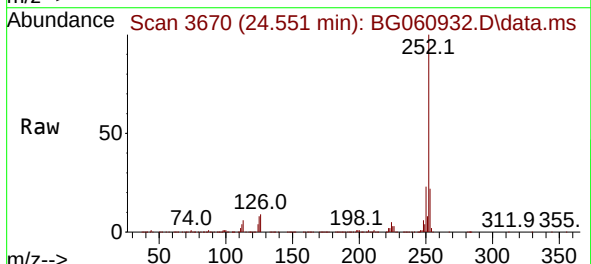
Reviewed By :Yogesh Patel 04/22/2024

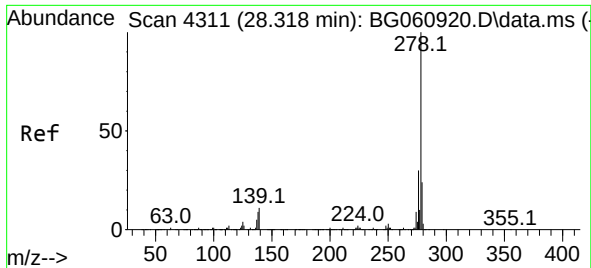
Supervised By :mohammad ahmed 04/22/2024



#90
Benzo(a)pyrene
Concen: 46.600 ng
RT: 24.551 min Scan# 3670
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Tgt Ion:252 Resp: 1183202
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 8.3 6.1 9.1





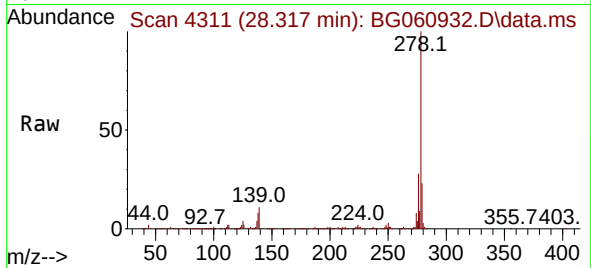
#91
Dibenzo(a,h)anthracene
Concen: 48.711 ng
RT: 28.317 min Scan# 41
Delta R.T. -0.001 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160246BS



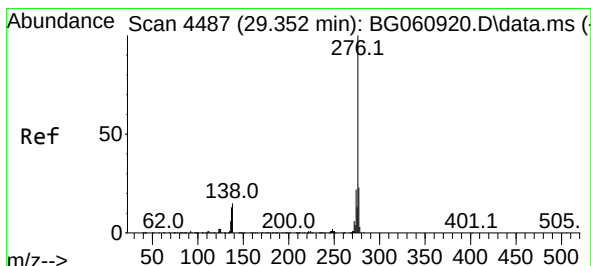
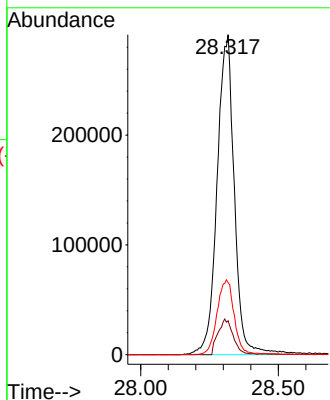
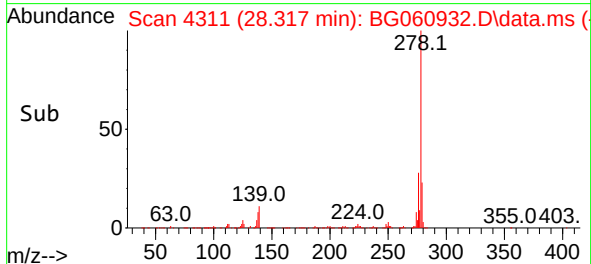
Tgt Ion:278 Resp: 126204
Ion Ratio Lower Upper
278 100
139 10.6 8.6 12.8
279 22.5 19.4 29.2

Manual Integrations

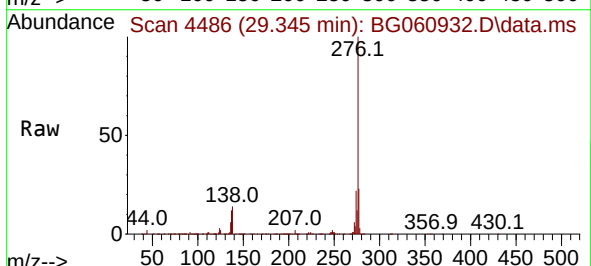
APPROVED

Reviewed By :Yogesh Patel 04/22/2024

Supervised By :mohammad ahmed 04/22/2024



#92
Benzo(g,h,i)perylene
Concen: 46.776 ng
RT: 29.345 min Scan# 4486
Delta R.T. -0.007 min
Lab File: BG060932.D
Acq: 18 Apr 2024 11:42



Tgt Ion:276 Resp: 1184809
Ion Ratio Lower Upper
276 100
277 23.4 18.3 27.5
138 13.9 12.2 18.4

