

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
 Data File : BG061234.D
 Acq On : 17 May 2024 11:42
 Operator : MA/JU
 Sample : PB160948BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160948BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024

Quant Time: May 17 12:24:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	19221	20.000	ng	-0.03
21) Naphthalene-d8	10.726	136	82648	20.000	ng	#-0.03
39) Acenaphthene-d10	14.562	164	74443	20.000	ng	-0.03
64) Phenanthrene-d10	17.312	188	196413	20.000	ng	-0.02
76) Chrysene-d12	21.572	240	199664	20.000	ng	#-0.02
86) Perylene-d12	24.698	264	223881	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	150603	159.350	ng	-0.02
7) Phenol-d6	7.112	99	208878	149.400	ng	-0.02
23) Nitrobenzene-d5	9.086	82	145951	87.541	ng	-0.03
42) 2,4,6-Tribromophenol	16.061	330	179064	120.340	ng	-0.01
45) 2-Fluorobiphenyl	13.182	172	409967	81.435	ng	-0.03
79) Terphenyl-d14	19.927	244	998037	83.133	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	11182	29.262	ng	# 82
3) Pyridine	3.822	79	34207	30.420	ng	93
4) n-Nitrosodimethylamine	3.740	42	40157	37.170	ng	# 91
6) Aniline	7.253	93	48034	34.656	ng	95
8) 2-Chlorophenol	7.500	128	57638	49.710	ng	96
9) Benzaldehyde	7.065	77	19935	24.126	ng	94
10) Phenol	7.142	94	71453	50.255	ng	93
11) bis(2-Chloroethyl)ether	7.353	93	45781	46.609	ng	96
12) 1,3-Dichlorobenzene	7.817	146	55682	40.736	ng	97
13) 1,4-Dichlorobenzene	7.964	146	57197	40.486	ng	92
14) 1,2-Dichlorobenzene	8.282	146	57220	41.981	ng	98
15) Benzyl Alcohol	8.170	79	60386	47.879	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.446	45	116624m	54.719	ng	
17) 2-Methylphenol	8.381	107	50640	49.979	ng	96
18) Hexachloroethane	9.010	117	21387	42.426	ng	96
19) n-Nitroso-di-n-propyla...	8.728	70	46779	44.709	ng	# 91
20) 3+4-Methylphenols	8.710	107	71682	49.036	ng	95
22) Acetophenone	8.746	105	93474	45.414	ng	99
24) Nitrobenzene	9.128	77	73503	45.066	ng	97
25) Isophorone	9.650	82	133663	43.371	ng	98
26) 2-Nitrophenol	9.844	139	34385	44.497	ng	98
27) 2,4-Dimethylphenol	9.909	122	46595	52.301	ng	98
28) bis(2-Chloroethoxy)met...	10.132	93	72013	47.611	ng	97
29) 2,4-Dichlorophenol	10.385	162	64761	46.394	ng	89
30) 1,2,4-Trichlorobenzene	10.591	180	67481	40.121	ng	94
31) Naphthalene	10.779	128	182409	42.466	ng	99
32) Benzoic acid	10.079	122	22392m	21.742	ng	
33) 4-Chloroaniline	10.884	127	56493	32.978	ng	96
34) Hexachlorobutadiene	11.061	225	55248	38.282	ng	96
35) Caprolactam	11.672	113	23156m	46.064	ng	
36) 4-Chloro-3-methylphenol	12.024	107	80333	47.725	ng	98
37) 2-Methylnaphthalene	12.383	142	135329	42.043	ng	98
38) 1-Methylnaphthalene	12.600	142	129681	40.020	ng	93
40) 1,2,4,5-Tetrachloroben...	12.753	216	103481	41.652	ng	99
41) Hexachlorocyclopentadiene	12.729	237	75255	79.128	ng	94
43) 2,4,6-Trichlorophenol	13.000	196	65856	41.289	ng	99

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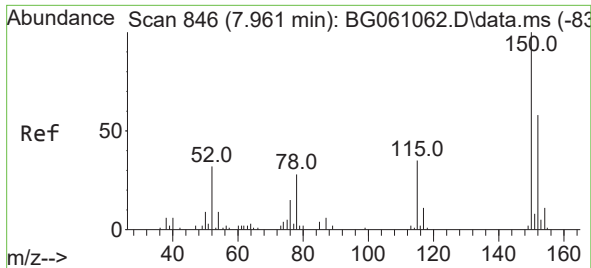
Manual Integrations
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 Supervised By :mohammad ahmed 05/22/2024

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	74139	41.070	ng	98
46) 1,1'-Biphenyl	13.393	154	200921	42.094	ng	95
47) 2-Chloronaphthalene	13.434	162	156658	40.987	ng	96
48) 2-Nitroaniline	13.640	65	67797	47.802	ng	96
49) Acenaphthylene	14.286	152	274770	46.806	ng	99
50) Dimethylphthalate	14.016	163	249719	43.430	ng	98
51) 2,6-Dinitrotoluene	14.139	165	52416	42.619	ng	98
52) Acenaphthene	14.627	154	151734	41.434	ng	97
53) 3-Nitroaniline	14.468	138	38020	33.785	ng	94
54) 2,4-Dinitrophenol	14.692	184	62152	71.530	ng	97
55) Dibenzofuran	14.962	168	267443	43.237	ng	97
56) 4-Nitrophenol	14.809	139	73011	80.281	ng	97
57) 2,4-Dinitrotoluene	14.933	165	80710	44.356	ng	# 94
58) Fluorene	15.614	166	227856	42.570	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.197	232	73019	39.295	ng	99
60) Diethylphthalate	15.385	149	245767	42.386	ng	98
61) 4-Chlorophenyl-phenyle...	15.602	204	134263	41.775	ng	95
62) 4-Nitroaniline	15.638	138	54052	44.286	ng	88
63) Azobenzene	15.896	77	213097	47.211	ng	96
65) 4,6-Dinitro-2-methylph...	15.702	198	51842	42.541	ng	93
66) n-Nitrosodiphenylamine	15.820	169	213314	43.796	ng	95
67) 4-Bromophenyl-phenylether	16.495	248	97359	42.078	ng	94
68) Hexachlorobenzene	16.625	284	115442	40.086	ng	100
69) Atrazine	16.772	200	94077	46.835	ng	96
70) Pentachlorophenol	16.971	266	116700	65.961	ng	96
71) Phenanthrene	17.353	178	399440	44.477	ng	98
72) Anthracene	17.441	178	412767	46.061	ng	99
73) Carbazole	17.718	167	357089	45.320	ng	99
74) Di-n-butylphthalate	18.276	149	432262	46.137	ng	99
75) Fluoranthene	19.369	202	532242	43.259	ng	98
77) Benzidine	19.545	184	100782	27.776	ng	98
78) Pyrene	19.727	202	551268	43.428	ng	99
80) Butylbenzylphthalate	20.614	149	187044	46.550	ng	98
81) Benzo(a)anthracene	21.554	228	575123	44.018	ng	99
82) 3,3'-Dichlorobenzidine	21.466	252	154463	32.851	ng	98
83) Chrysene	21.619	228	550048	44.935	ng	99
84) Bis(2-ethylhexyl)phtha...	21.460	149	256609	48.906	ng	98
85) Di-n-octyl phthalate	22.635	149	436826	47.187	ng	97
87) Indeno(1,2,3-cd)pyrene	28.252	276	697933	47.040	ng	# 96
88) Benzo(b)fluoranthene	23.705	252	563658	45.055	ng	97
89) Benzo(k)fluoranthene	23.775	252	561410	46.646	ng	98
90) Benzo(a)pyrene	24.551	252	519633	47.676	ng	98
91) Dibenzo(a,h)anthracene	28.311	278	570224	46.408	ng	# 99
92) Benzo(g,h,i)perylene	29.357	276	530185	43.421	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.929 min Scan# 841
 Delta R.T. -0.032 min
 Lab File: BG061234.D
 Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

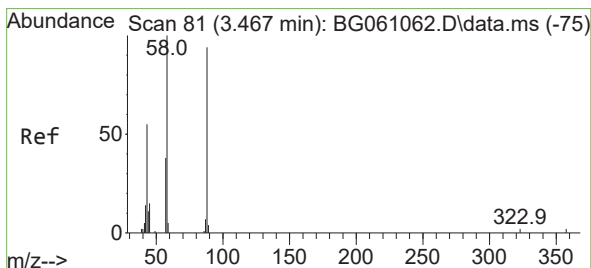
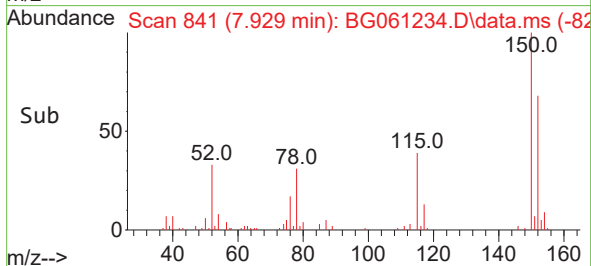
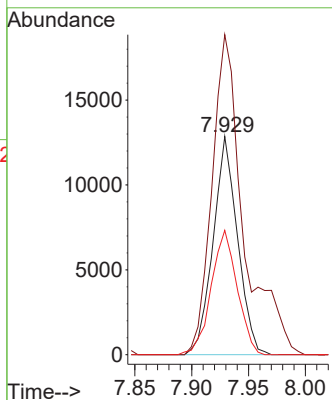
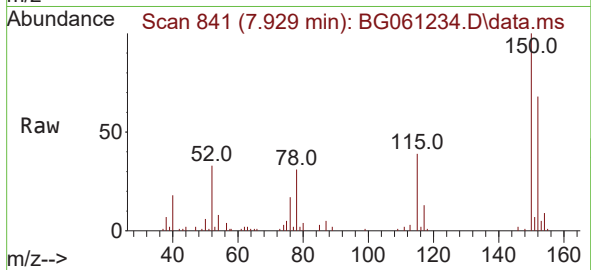
PB160948BS

Tgt Ion:152 Resp: 1922
 Ion Ratio Lower Upper
 152 100
 150 146.6 138.3 207.5
 115 57.0 48.0 72.0

Manual Integrations

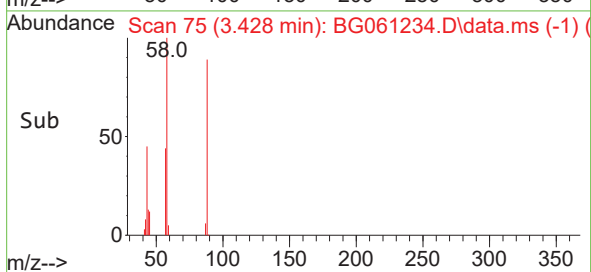
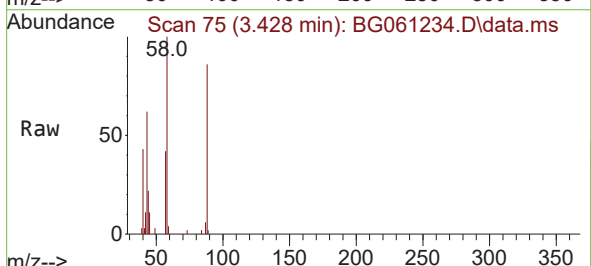
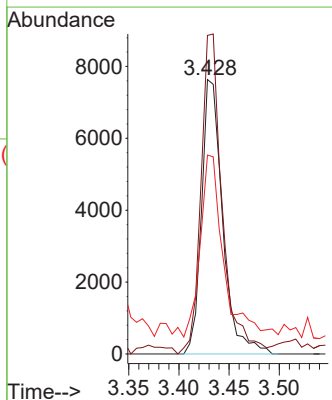
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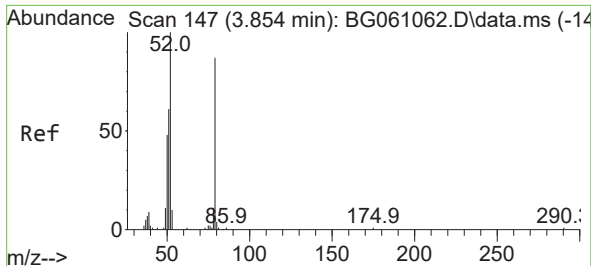
Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024



#2
 1,4-Dioxane
 Concen: 29.262 ng
 RT: 3.428 min Scan# 75
 Delta R.T. -0.038 min
 Lab File: BG061234.D
 Acq: 17 May 2024 11:42

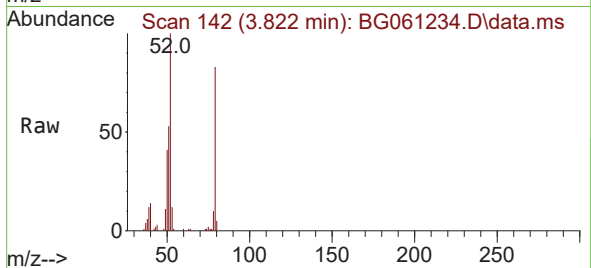
Tgt Ion: 88 Resp: 11182
 Ion Ratio Lower Upper
 88 100
 58 117.8 81.2 121.8
 43 71.6 45.0 67.4





#3
Pyridine
Concen: 30.420 ng
RT: 3.822 min Scan# 147
Delta R.T. -0.032 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

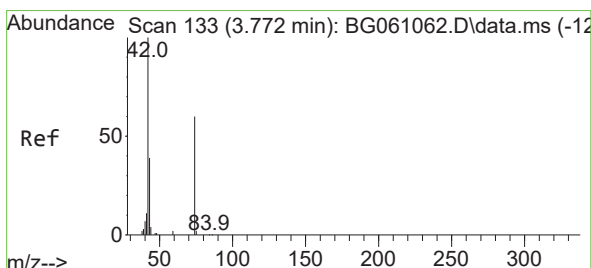
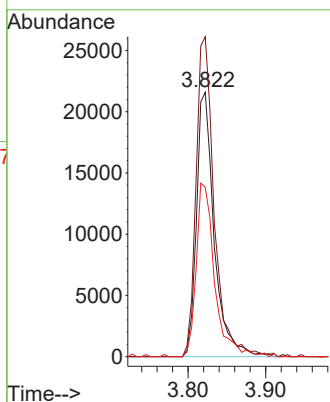
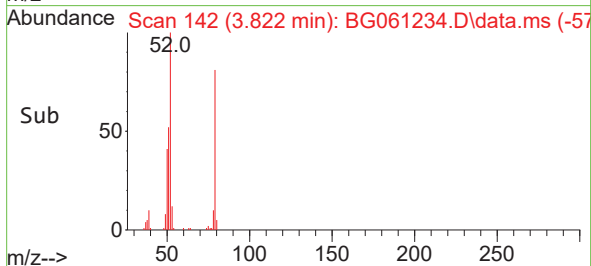
Instrument :
BNA_G
ClientSampleId :
PB160948BS



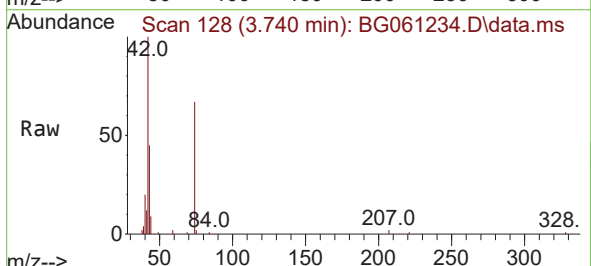
Tgt Ion: 79 Resp: 3420
Ion Ratio Lower Upper
79 100
52 121.1 91.6 137.4
51 64.1 57.0 85.4

Manual Integrations
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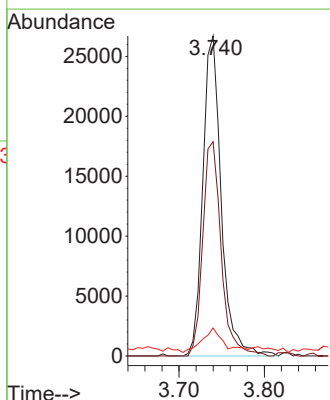
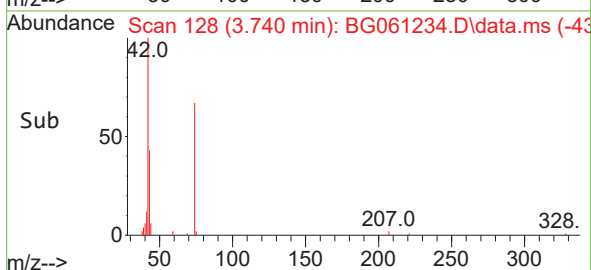
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

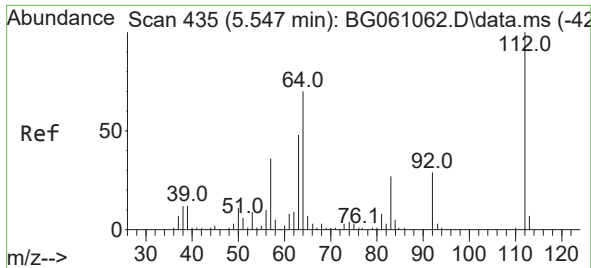


#4
n-Nitrosodimethylamine
Concen: 37.170 ng
RT: 3.740 min Scan# 128
Delta R.T. -0.032 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42



Tgt Ion: 42 Resp: 40157
Ion Ratio Lower Upper
42 100
74 67.0 47.8 71.8
44 8.8 4.7 7.1#





#5
2-Fluorophenol
Concen: 159.350 ng
RT: 5.526 min Scan# 411
Delta R.T. -0.021 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

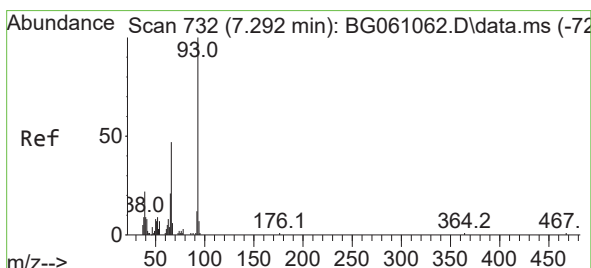
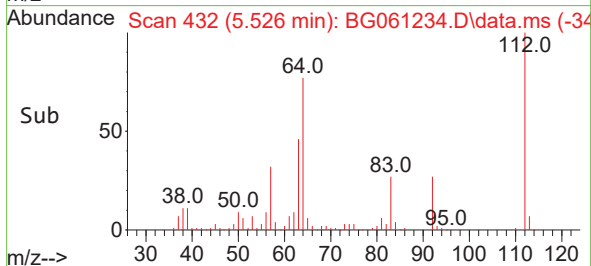
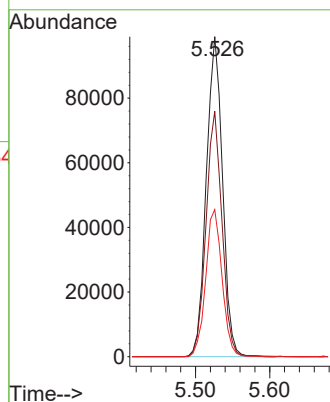
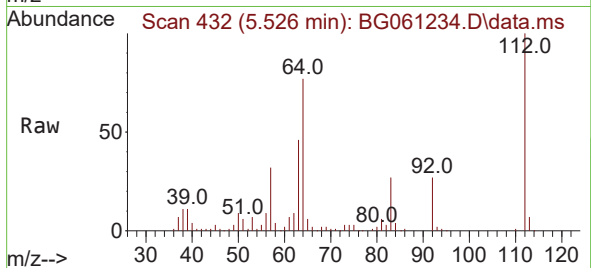
PB160948BS

Tgt Ion:112 Resp: 15060
Ion Ratio Lower Upper
112 100
64 76.7 55.7 83.5
63 45.9 38.1 57.1

Manual Integrations

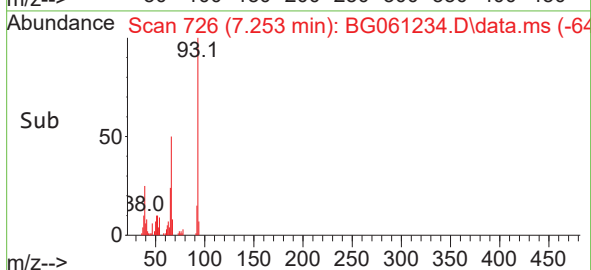
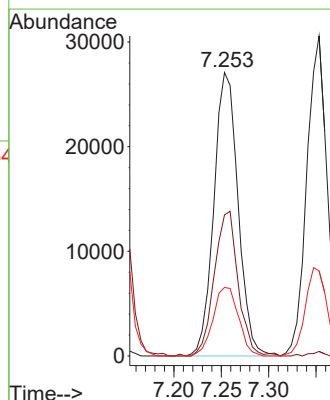
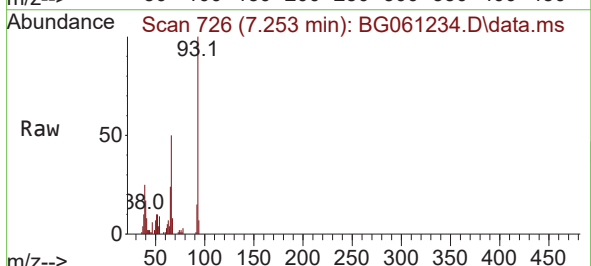
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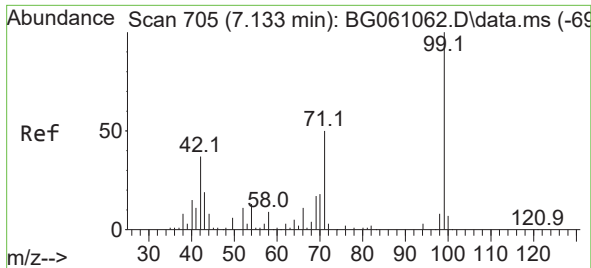
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#6
Aniline
Concen: 34.656 ng
RT: 7.253 min Scan# 726
Delta R.T. -0.038 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

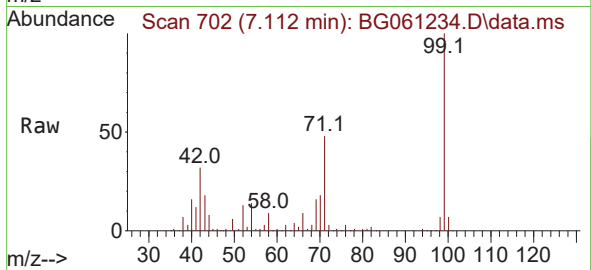
Tgt Ion: 93 Resp: 48034
Ion Ratio Lower Upper
93 100
66 49.7 37.4 56.0
65 24.2 16.6 24.8





#7
Phenol-d6
Concen: 149.400 ng
RT: 7.112 min Scan# 705
Delta R.T. -0.021 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

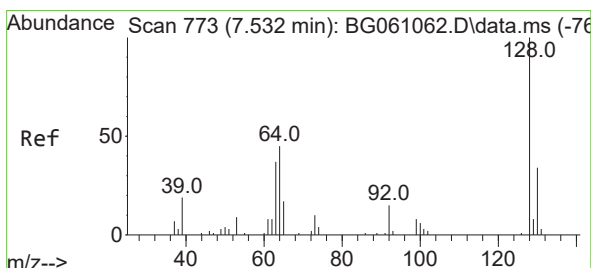
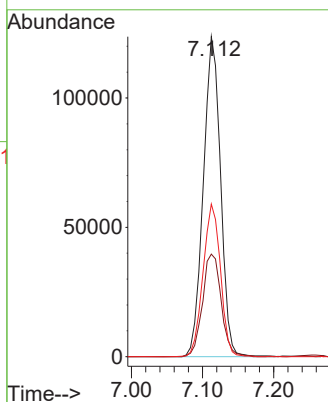
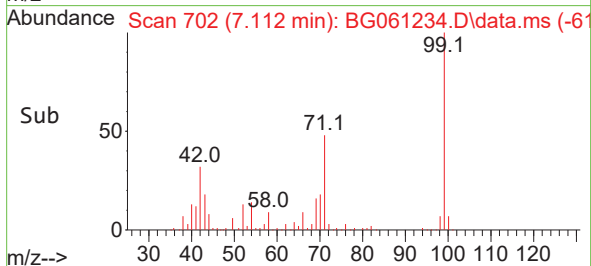
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 99 Resp: 208878
Ion Ratio Lower Upper
99 100
42 32.1 29.2 43.8
71 47.7 39.7 59.5

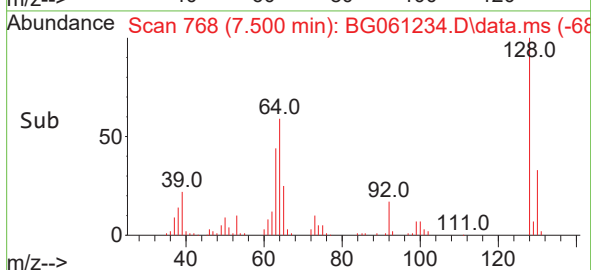
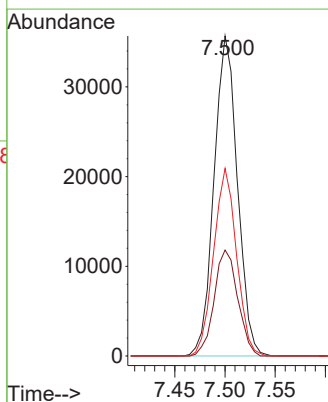
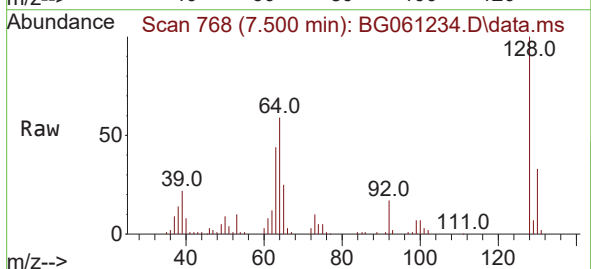
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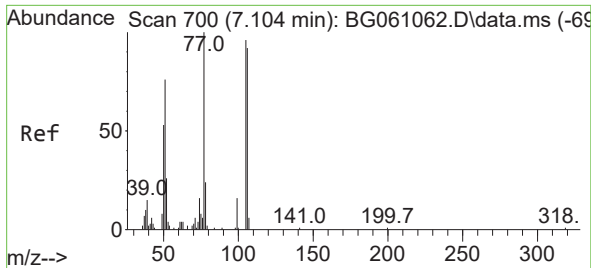
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#8
2-Chlorophenol
Concen: 49.710 ng
RT: 7.500 min Scan# 768
Delta R.T. -0.032 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Tgt Ion:128 Resp: 57638
Ion Ratio Lower Upper
128 100
130 33.1 14.1 54.1
64 58.6 34.8 74.8





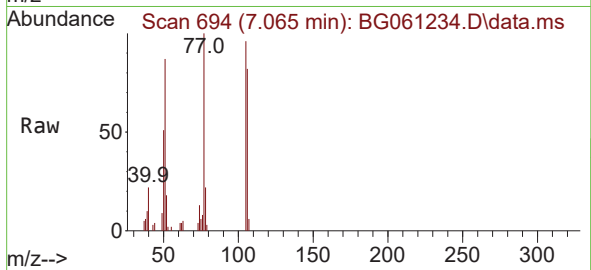
#9
Benzaldehyde
Concen: 24.126 ng
RT: 7.065 min Scan# 694
Delta R.T. -0.039 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

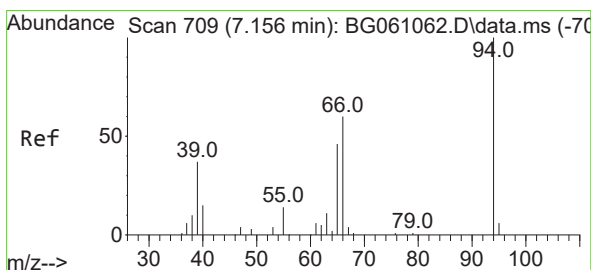
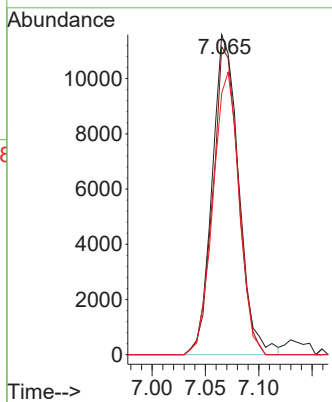
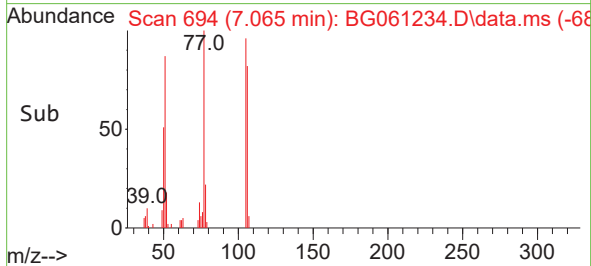
PB160948BS



Tgt Ion: 77 Resp: 1993
Ion Ratio Lower Upper
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105 96.2 76.0 116.0
106 81.7 72.3 112.3

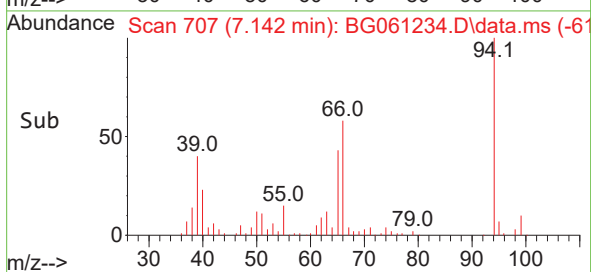
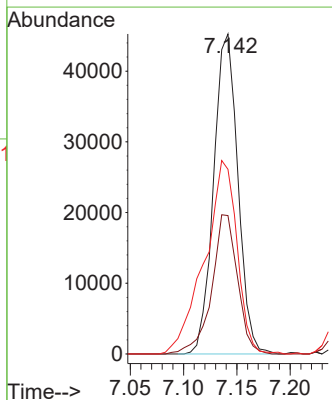
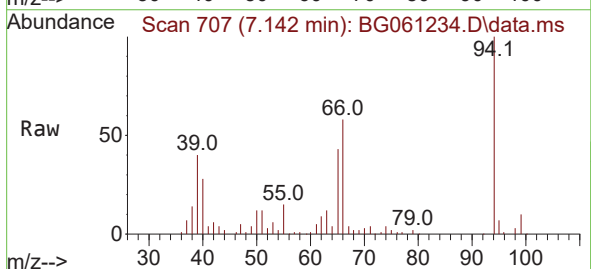
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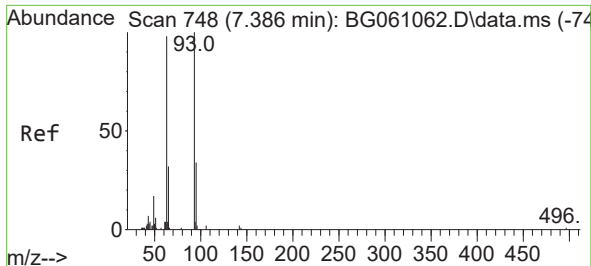
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#10
Phenol
Concen: 50.255 ng
RT: 7.142 min Scan# 707
Delta R.T. -0.015 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

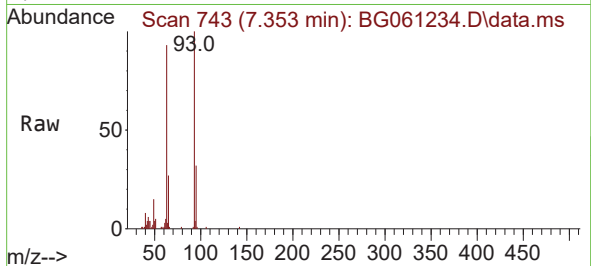
Tgt Ion: 94 Resp: 71453
Ion Ratio Lower Upper
94 100
65 43.2 26.8 66.8
66 57.7 44.7 84.7





#11
bis(2-Chloroethyl)ether
Concen: 46.609 ng
RT: 7.353 min Scan# 743
Delta R.T. -0.032 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

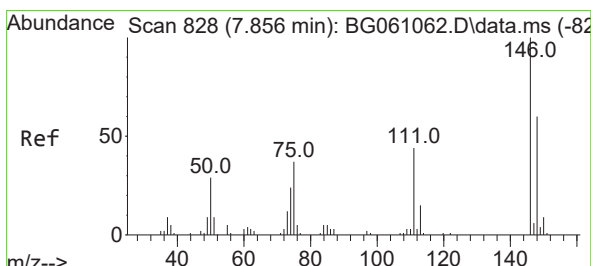
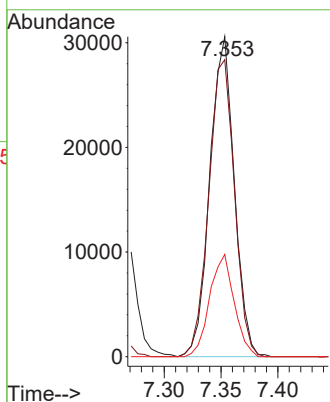
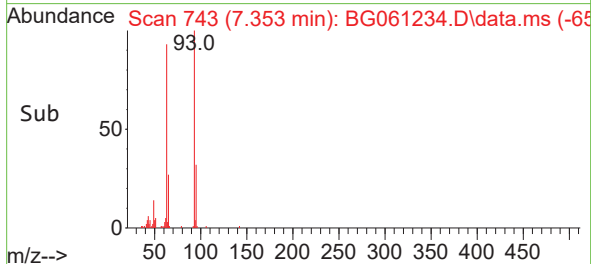
Instrument :
BNA_G
ClientSampleId :
PB160948BS



Tgt Ion: 93 Resp: 4578
Ion Ratio Lower Upper
93 100
63 92.8 76.8 116.8
95 31.9 13.6 53.6

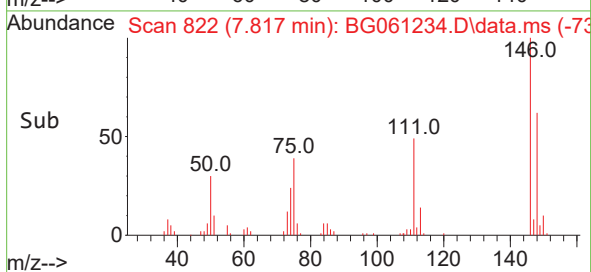
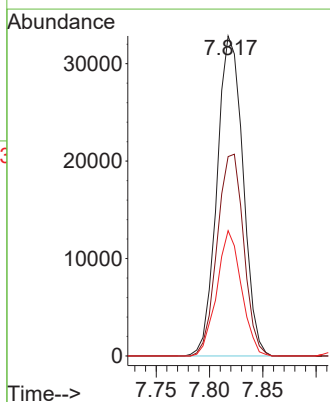
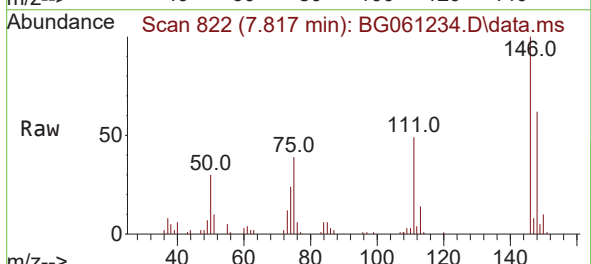
Manual Integrations
APPROVED

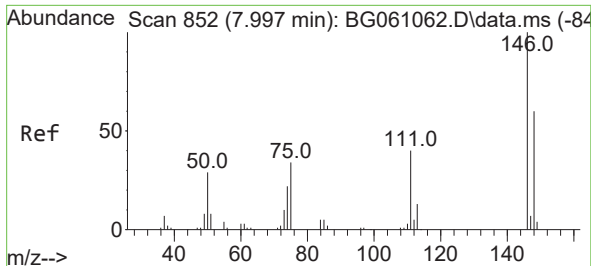
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#12
1,3-Dichlorobenzene
Concen: 40.736 ng
RT: 7.817 min Scan# 822
Delta R.T. -0.038 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

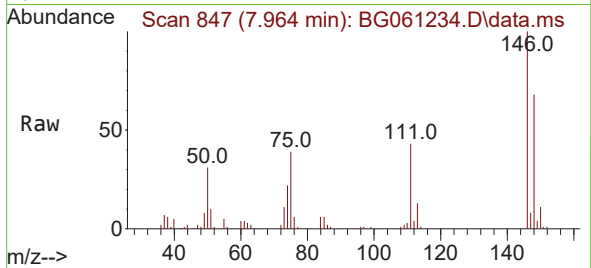
Tgt Ion:146 Resp: 55682
Ion Ratio Lower Upper
146 100
148 62.3 48.0 72.0
75 39.2 29.5 44.3





#13
1,4-Dichlorobenzene
Concen: 40.486 ng
RT: 7.964 min Scan# 847
Delta R.T. -0.032 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

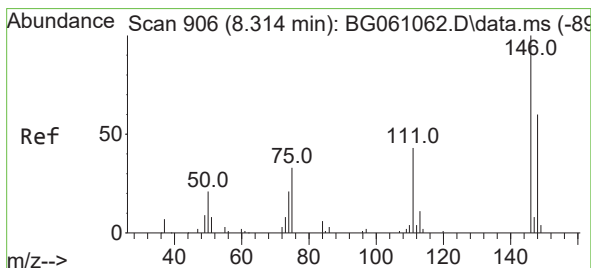
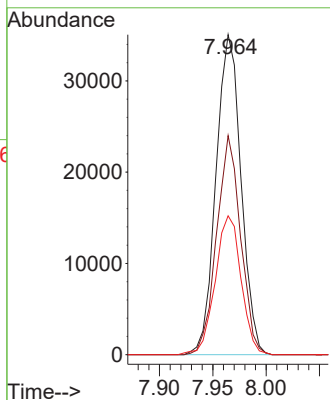
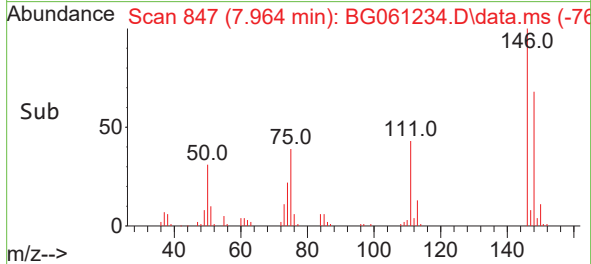
Instrument :
BNA_G
ClientSampleId :
PB160948BS



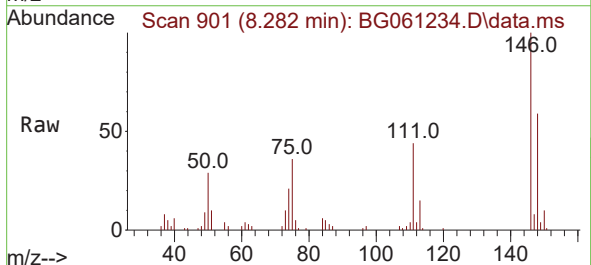
Tgt Ion:146 Resp: 57197
Ion Ratio Lower Upper
146 100
148 68.4 48.1 72.1
111 43.4 32.5 48.7

Manual Integrations
APPROVED

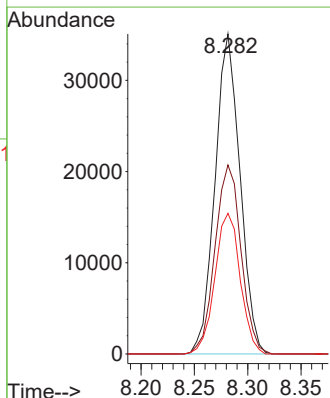
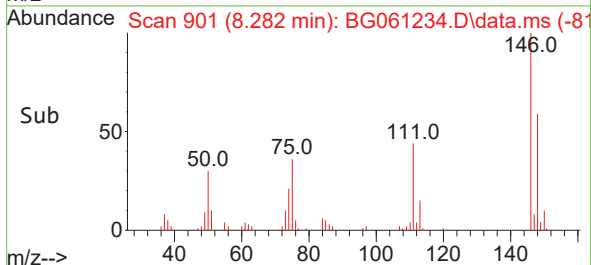
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

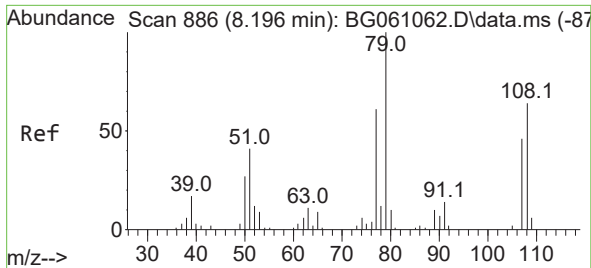


#14
1,2-Dichlorobenzene
Concen: 41.981 ng
RT: 8.282 min Scan# 901
Delta R.T. -0.032 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42



Tgt Ion:146 Resp: 57220
Ion Ratio Lower Upper
146 100
148 59.0 48.2 72.2
111 44.0 36.2 54.2





#15
Benzyl Alcohol
Concen: 47.879 ng
RT: 8.170 min Scan# 81
Delta R.T. -0.027 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

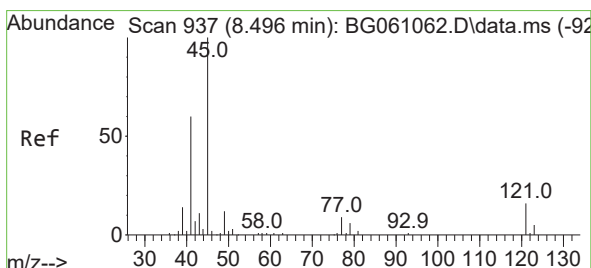
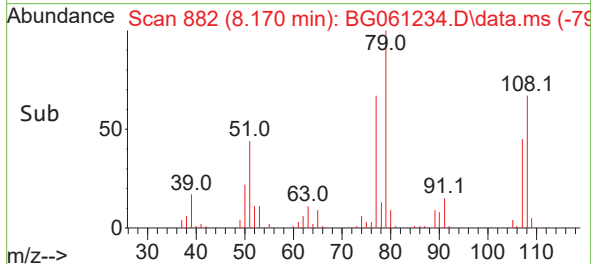
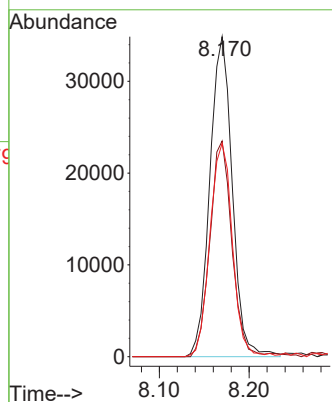
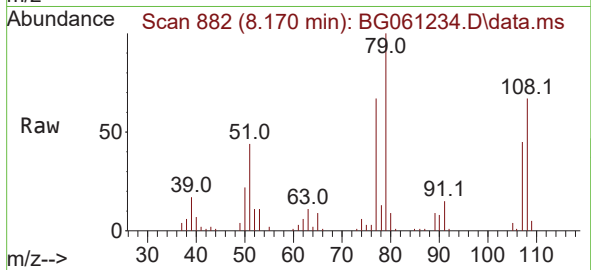
PB160948BS

Tgt Ion: 79 Resp: 60380
Ion Ratio Lower Upper
79 100
108 67.4 51.1 76.7
77 66.6 49.0 73.6

Manual Integrations

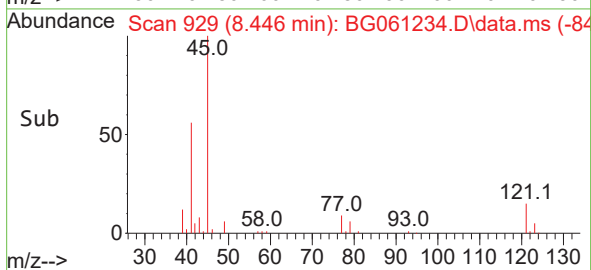
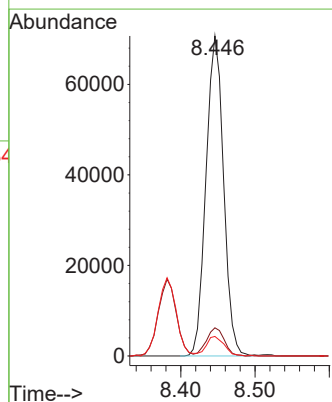
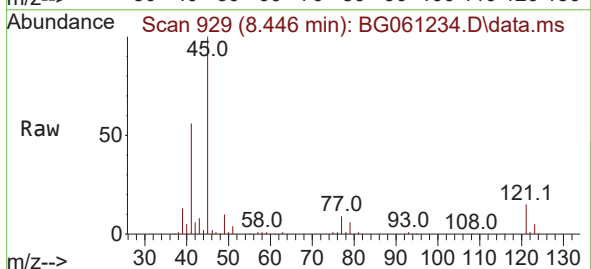
APPROVED

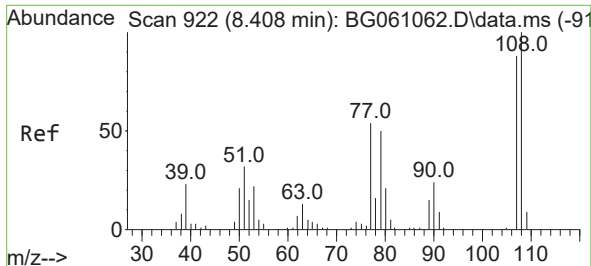
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.719 ng m
RT: 8.446 min Scan# 929
Delta R.T. -0.050 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Tgt Ion: 45 Resp: 116624
Ion Ratio Lower Upper
45 100
77 8.8 0.0 30.2
79 6.1 0.0 26.5





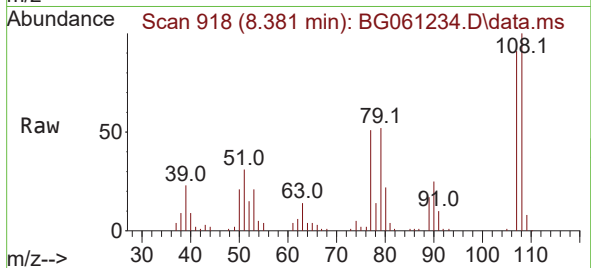
#17
2-Methylphenol
Concen: 49.979 ng
RT: 8.381 min Scan# 91
Delta R.T. -0.027 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160948BS

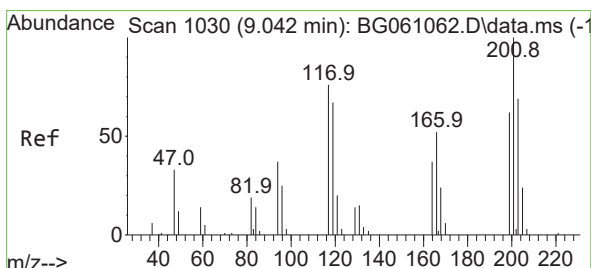
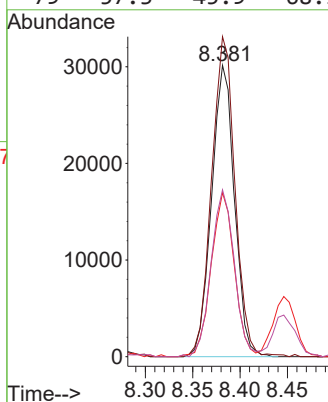
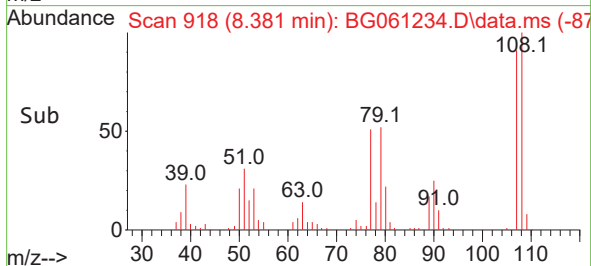


Tgt Ion:	107	Resp:	50640
Ion Ratio	Lower	Upper	
107	100		
108	109.8	91.4	137.2
77	56.3	49.4	74.2
79	57.3	45.9	68.9

Manual Integrations

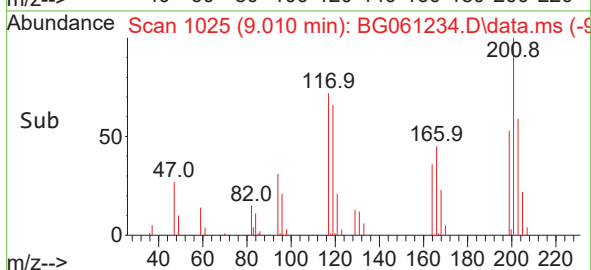
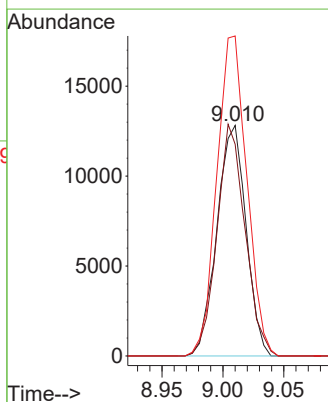
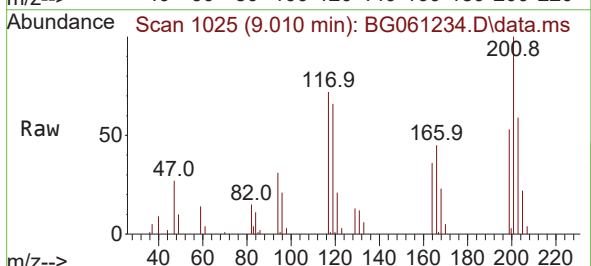
APPROVED

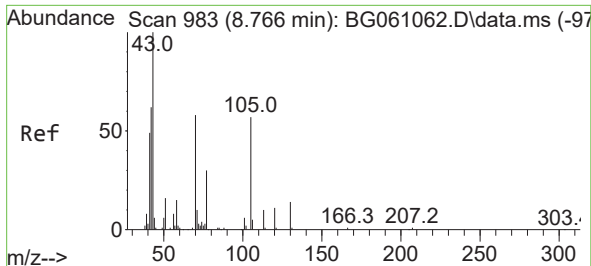
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#18
Hexachloroethane
Concen: 42.426 ng
RT: 9.010 min Scan# 1025
Delta R.T. -0.032 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Tgt Ion:	117	Resp:	21387
Ion Ratio	Lower	Upper	
117	100		
119	91.8	71.4	107.0
201	138.8	105.8	158.8





#19

n-Nitroso-di-n-propylamine

Concen: 44.709 ng

RT: 8.728 min Scan# 91

Delta R.T. -0.038 min

Lab File: BG061234.D

Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160948BS

Tgt Ion: 70 Resp: 46779

Ion Ratio Lower Upper

70 100

42 98.6 86.4 129.6

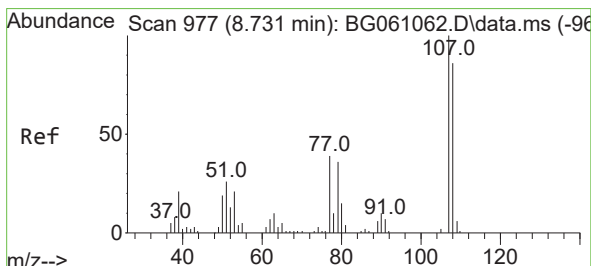
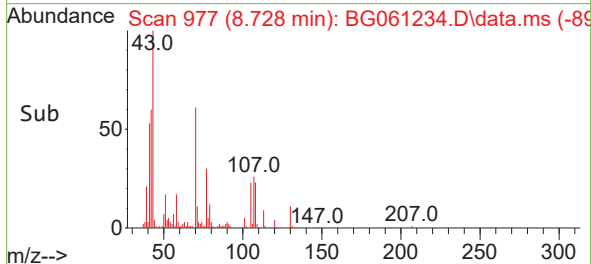
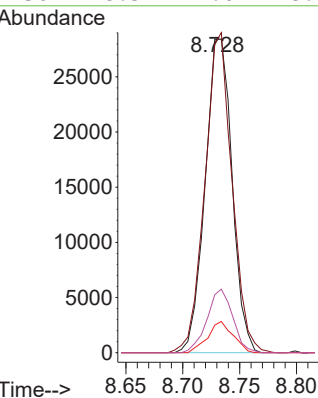
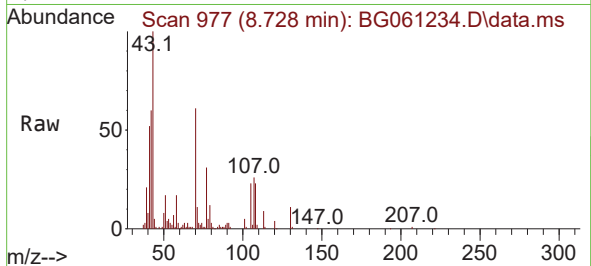
101 8.8 7.8 11.8

130 18.5 19.0 28.4#

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#20

3+4-Methylphenols

Concen: 49.036 ng

RT: 8.710 min Scan# 974

Delta R.T. -0.021 min

Lab File: BG061234.D

Acq: 17 May 2024 11:42

Tgt Ion:107 Resp: 71682

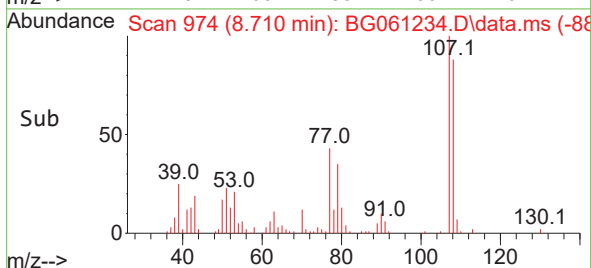
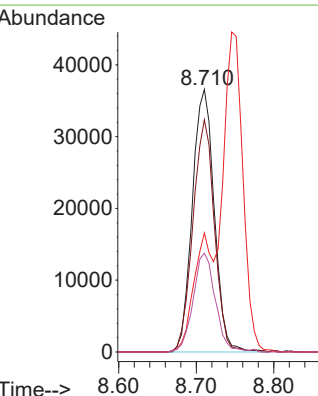
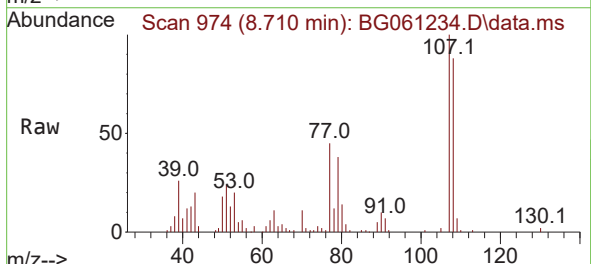
Ion Ratio Lower Upper

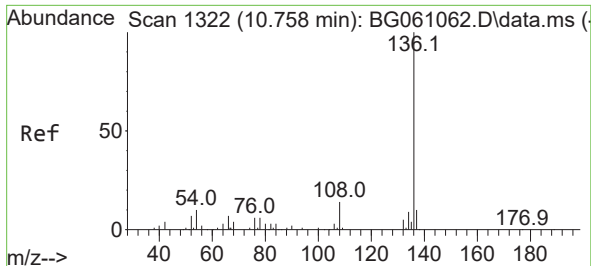
107 100

108 88.5 65.7 105.7

77 45.3 19.4 59.4

79 37.6 15.7 55.7





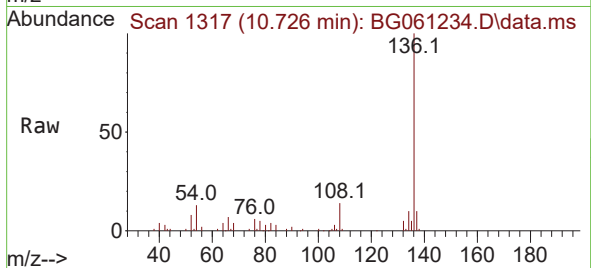
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 11
Delta R.T. -0.032 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160948BS

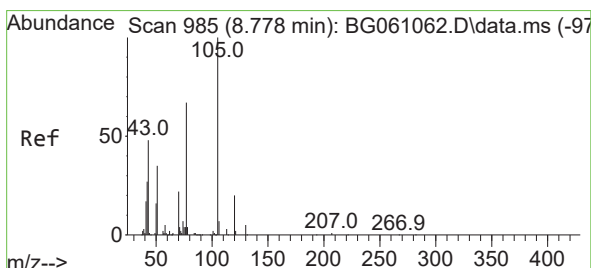
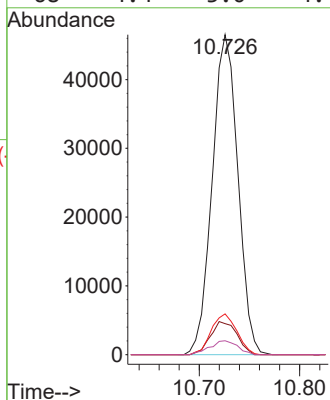
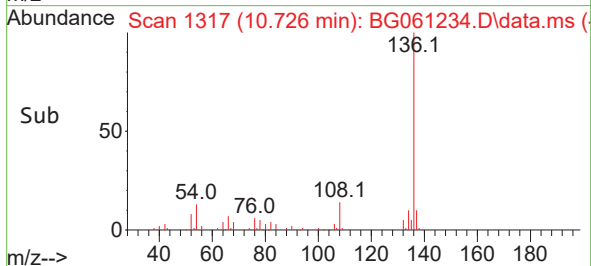


Tgt Ion:136	Resp:	82648
Ion Ratio	Lower	Upper
136	100	
137	9.7	7.8 11.6
54	12.7	8.1 12.1
68	4.4	3.0 4.4

Manual Integrations

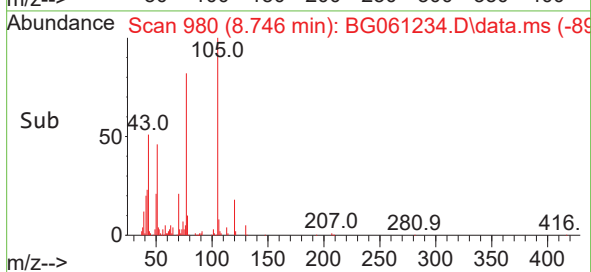
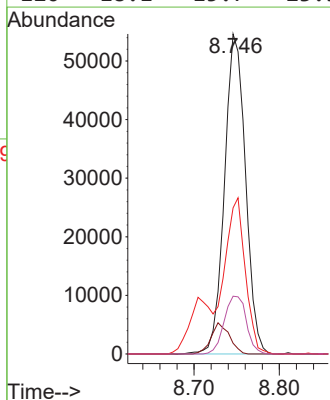
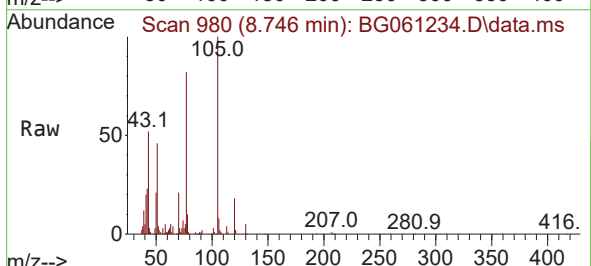
APPROVED

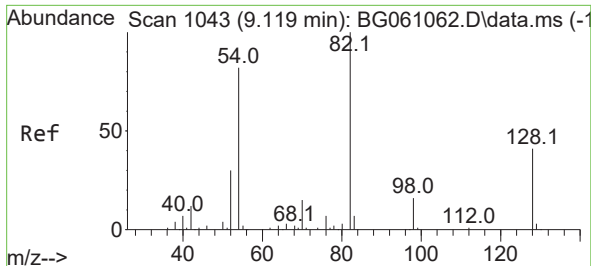
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#22
Acetophenone
Concen: 45.414 ng
RT: 8.746 min Scan# 980
Delta R.T. -0.032 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Tgt Ion:105	Resp:	93474
Ion Ratio	Lower	Upper
105	100	
71	3.3	3.3 4.9
51	45.6	36.7 55.1
120	18.1	15.7 23.5





#23

Nitrobenzene-d5

Concen: 87.541 ng

RT: 9.086 min Scan# 1038

Delta R.T. -0.032 min

Lab File: BG061234.D

Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160948BS

Tgt Ion: 82 Resp: 14595

Ion Ratio Lower Upper

82 100

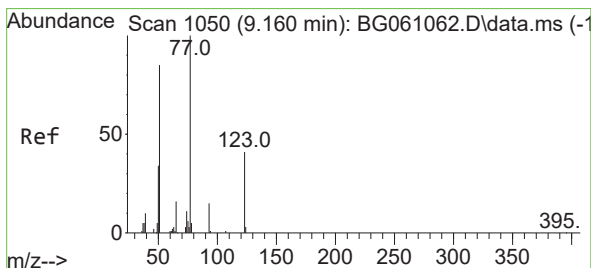
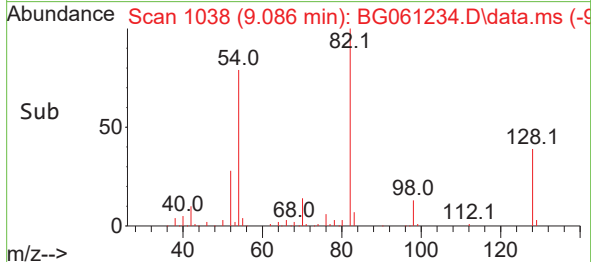
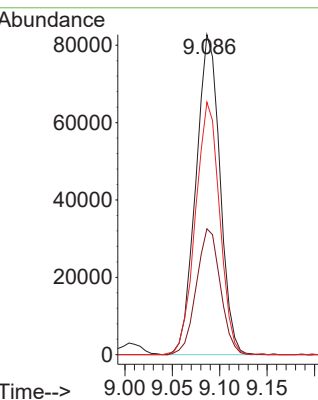
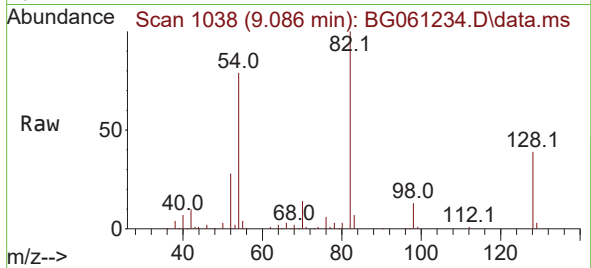
128 39.3 32.7 49.1

54 78.9 65.6 98.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#24

Nitrobenzene

Concen: 45.066 ng

RT: 9.128 min Scan# 1045

Delta R.T. -0.032 min

Lab File: BG061234.D

Acq: 17 May 2024 11:42

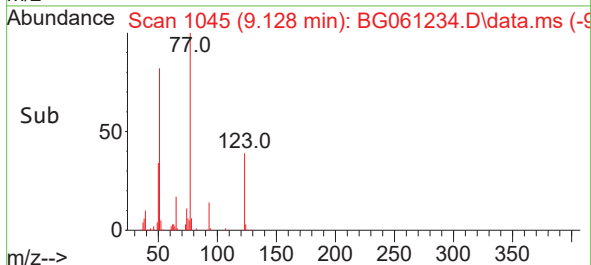
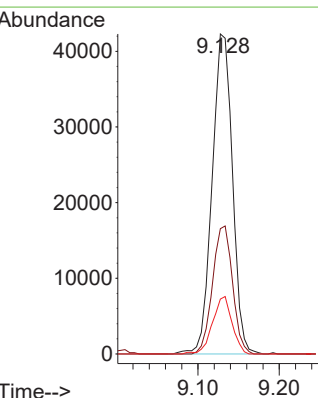
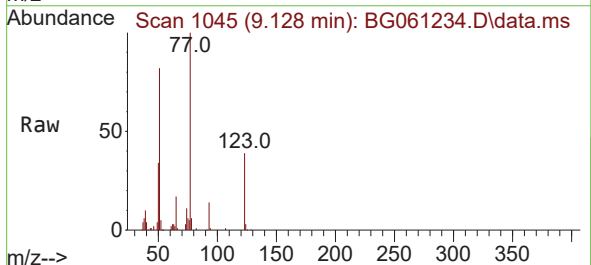
Tgt Ion: 77 Resp: 73503

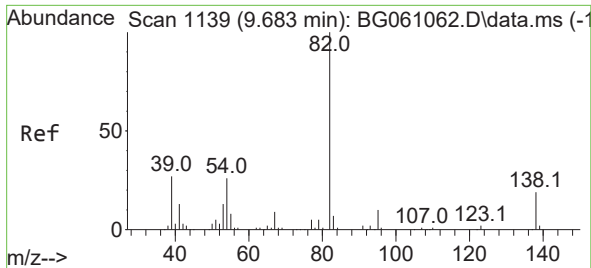
Ion Ratio Lower Upper

77 100

123 39.2 33.1 49.7

65 17.1 13.1 19.7





#25
Isophorone
Concen: 43.371 ng
RT: 9.650 min Scan# 1136
Delta R.T. -0.032 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

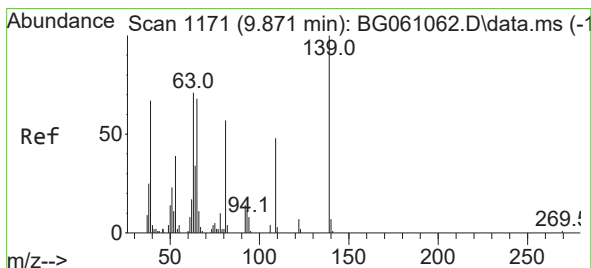
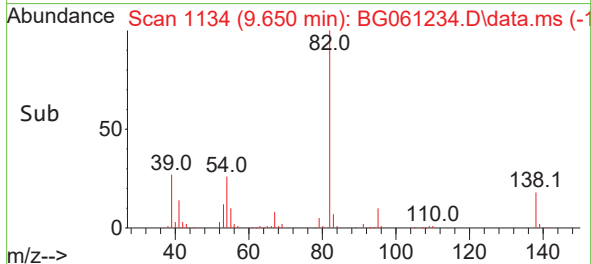
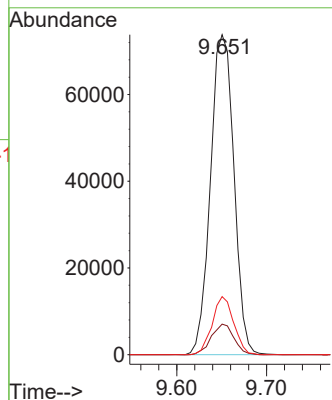
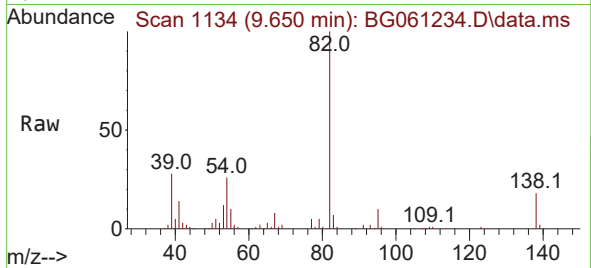
PB160948BS

Tgt Ion: 82 Resp: 13366
Ion Ratio Lower Upper
82 100
95 9.5 8.3 12.5
138 18.2 15.2 22.8

Manual Integrations

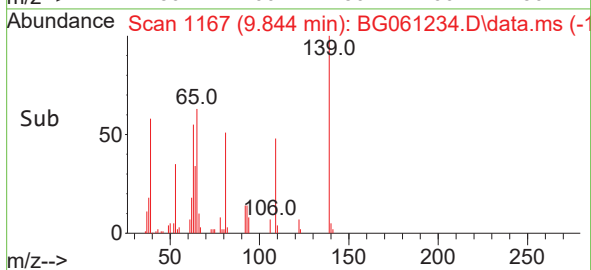
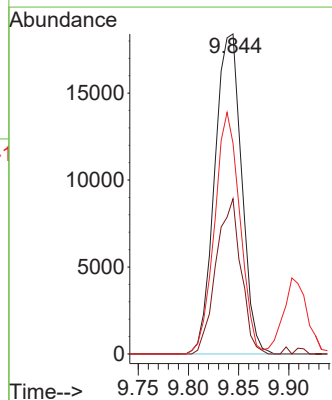
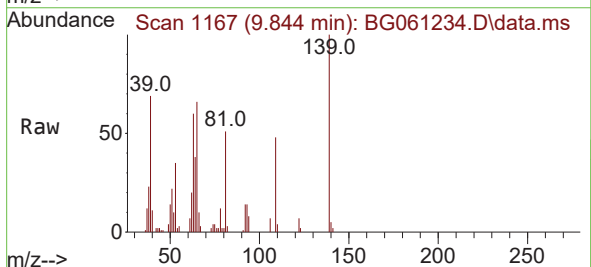
APPROVED

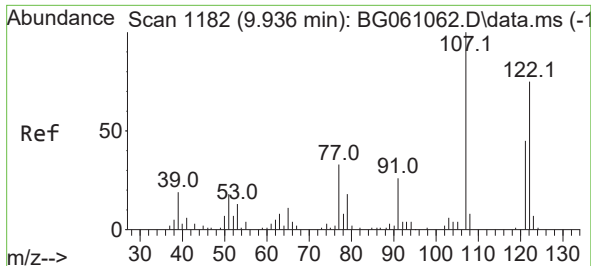
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#26
2-Nitrophenol
Concen: 44.497 ng
RT: 9.844 min Scan# 1167
Delta R.T. -0.027 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Tgt Ion:139 Resp: 34385
Ion Ratio Lower Upper
139 100
109 48.5 38.5 57.7
65 65.9 54.5 81.7





#27

2,4-Dimethylphenol

Concen: 52.301 ng

RT: 9.909 min Scan# 1182

Delta R.T. -0.027 min

Lab File: BG061234.D

Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

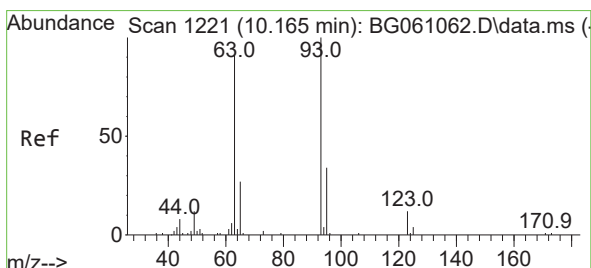
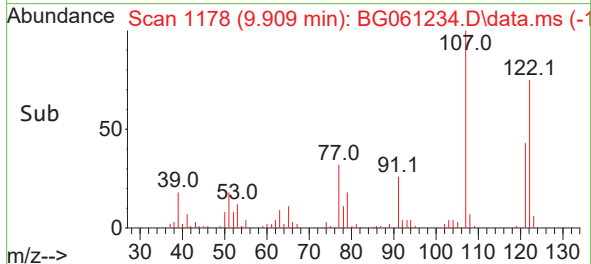
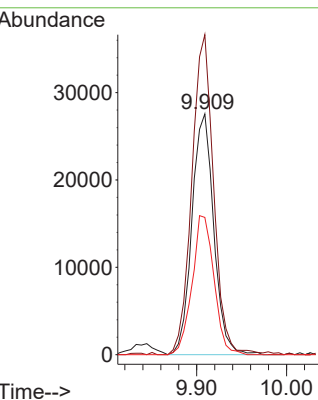
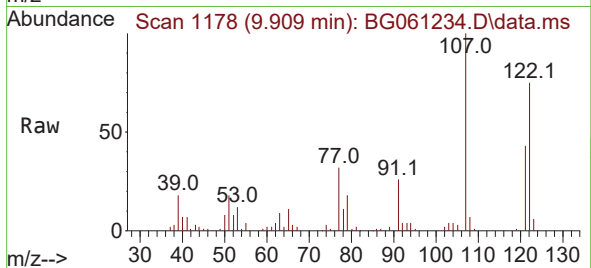
PB160948BS

Tgt Ion:122 Resp: 4659
 Ion Ratio Lower Upper
 122 100
 107 132.9 106.9 160.3
 121 57.1 48.5 72.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024



#28

bis(2-Chloroethoxy)methane

Concen: 47.611 ng

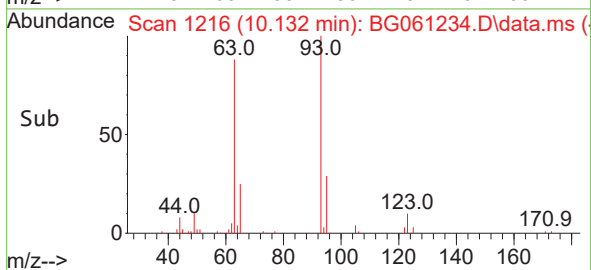
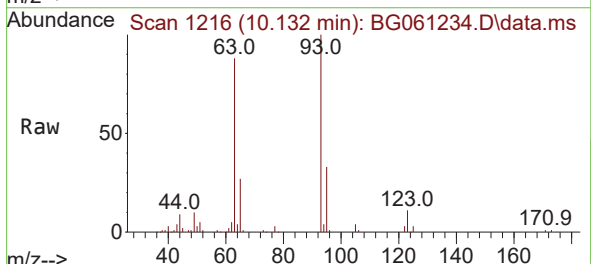
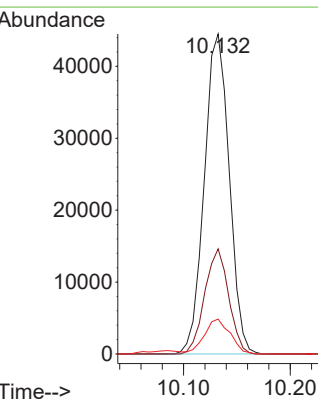
RT: 10.132 min Scan# 1216

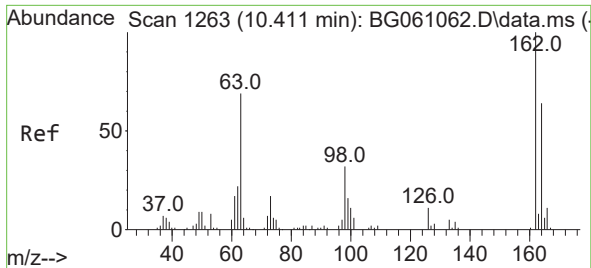
Delta R.T. -0.032 min

Lab File: BG061234.D

Acq: 17 May 2024 11:42

Tgt Ion: 93 Resp: 72013
 Ion Ratio Lower Upper
 93 100
 95 32.8 27.4 41.0
 123 10.9 9.7 14.5





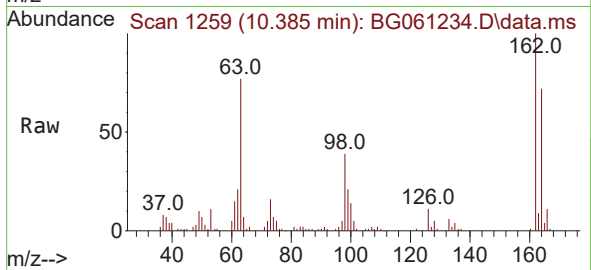
#29
2,4-Dichlorophenol
Concen: 46.394 ng
RT: 10.385 min Scan# 1259
Delta R.T. -0.027 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160948BS

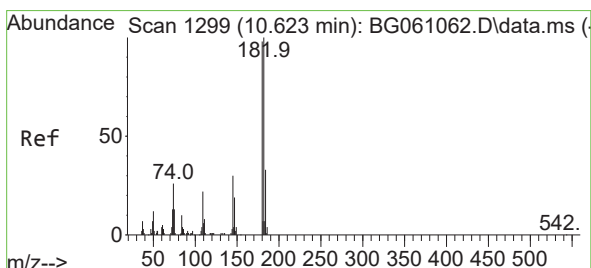
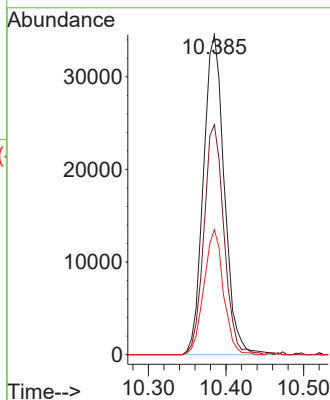
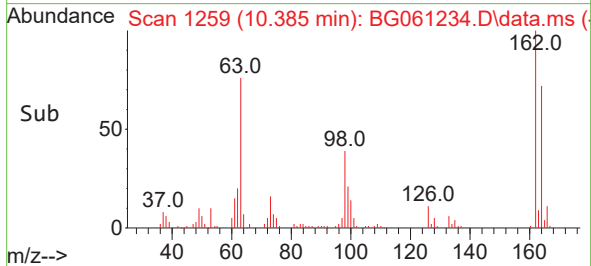


Tgt Ion:162 Resp: 6476
Ion Ratio Lower Upper
162 100
164 71.9 43.6 83.6
98 39.1 12.3 52.3

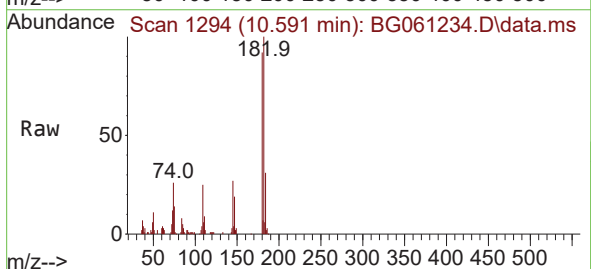
Manual Integrations

APPROVED

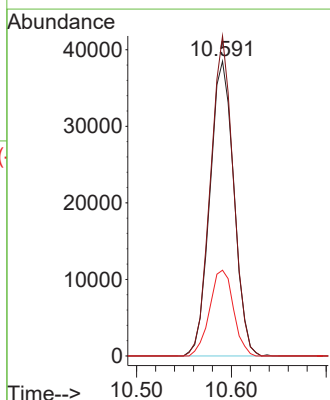
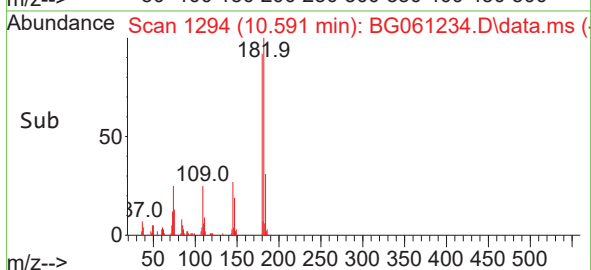
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

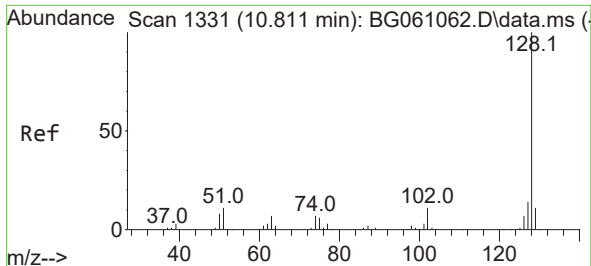


#30
1,2,4-Trichlorobenzene
Concen: 40.121 ng
RT: 10.591 min Scan# 1294
Delta R.T. -0.032 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42



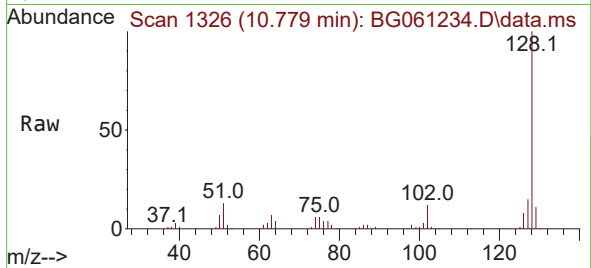
Tgt Ion:180 Resp: 67481
Ion Ratio Lower Upper
180 100
182 108.6 81.7 122.5
145 29.1 24.5 36.7





#31
Naphthalene
Concen: 42.466 ng
RT: 10.779 min Scan# 11
Delta R.T. -0.032 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

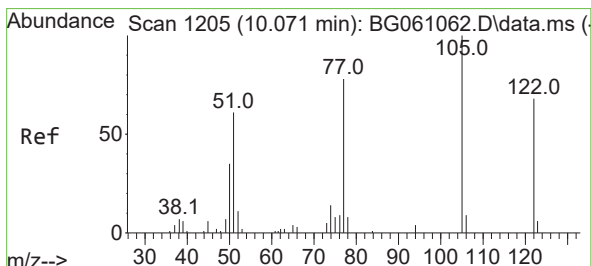
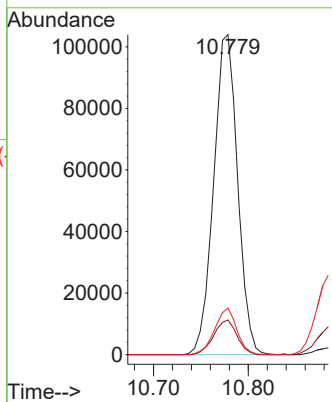
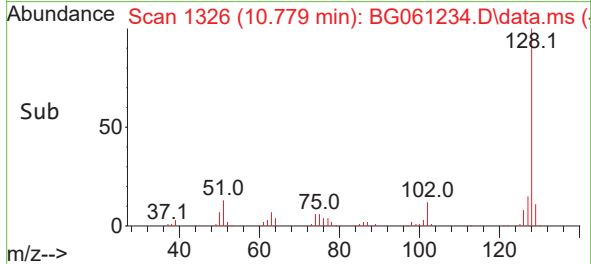
Instrument :
BNA_G
ClientSampleId :
PB160948BS



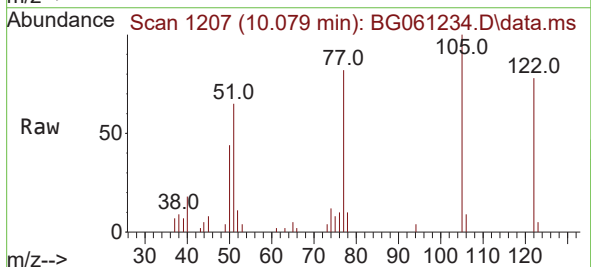
Tgt Ion:128 Resp: 182409
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 14.6 11.1 16.7

Manual Integrations
APPROVED

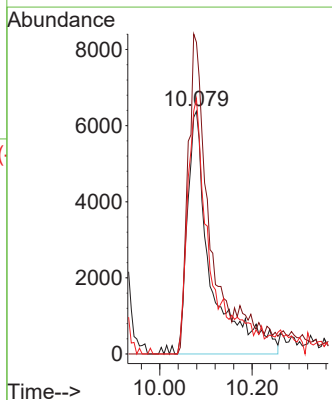
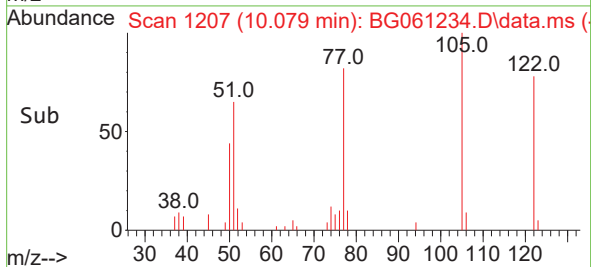
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

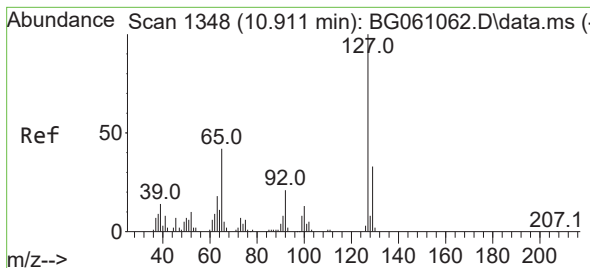


#32
Benzoic acid
Concen: 21.742 ng m
RT: 10.079 min Scan# 1207
Delta R.T. 0.009 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42



Tgt Ion:122 Resp: 22392
Ion Ratio Lower Upper
122 100
105 128.4 123.3 163.3
77 105.3 93.2 133.2





#33
4-Chloroaniline
Concen: 32.978 ng
RT: 10.884 min Scan# 11
Delta R.T. -0.027 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

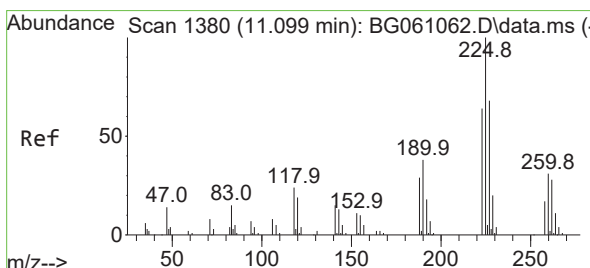
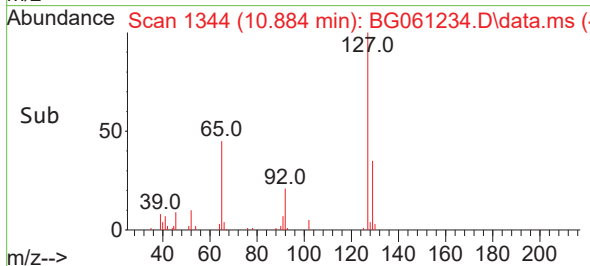
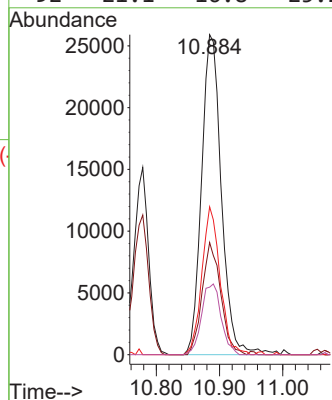
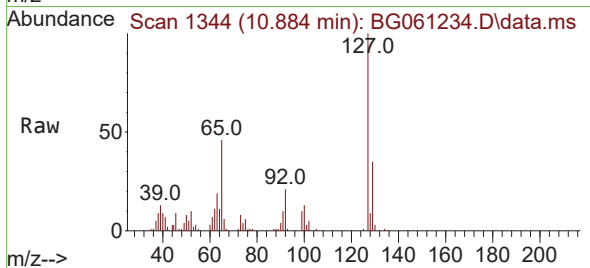
PB160948BS

Tgt Ion:	127	Resp:	5649
Ion Ratio	Lower	Upper	
127	100		
129	35.0	26.6	39.8
65	46.2	33.6	50.4
92	21.1	16.8	25.2

Manual Integrations

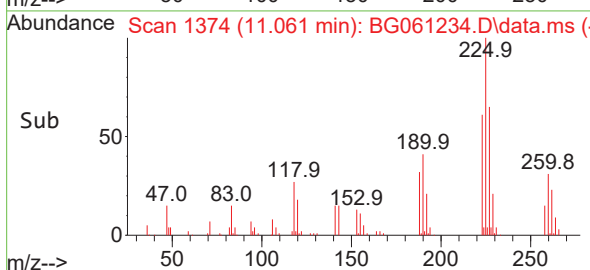
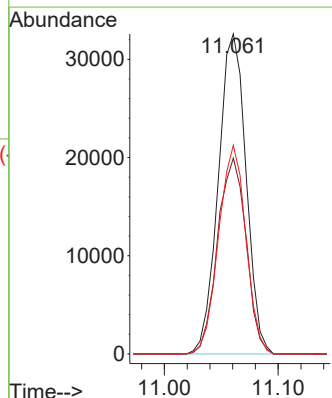
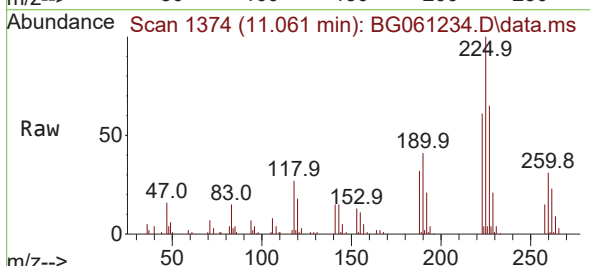
APPROVED

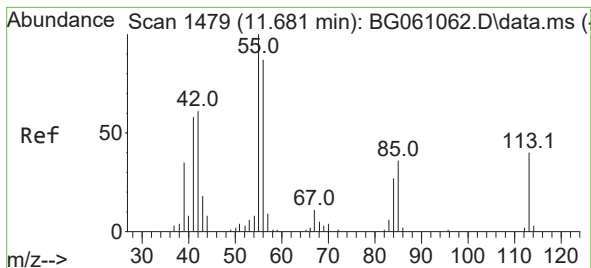
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#34
Hexachlorobutadiene
Concen: 38.282 ng
RT: 11.061 min Scan# 1374
Delta R.T. -0.038 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Tgt Ion:	225	Resp:	55248
Ion Ratio	Lower	Upper	
225	100		
223	61.2	51.0	76.4
227	65.2	54.6	82.0





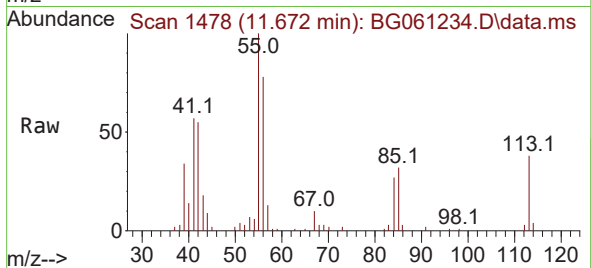
#35
 Caprolactam
 Concen: 46.064 ng m
 RT: 11.672 min Scan# 1479
 Delta R.T. -0.009 min
 Lab File: BG061234.D
 Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160948BS

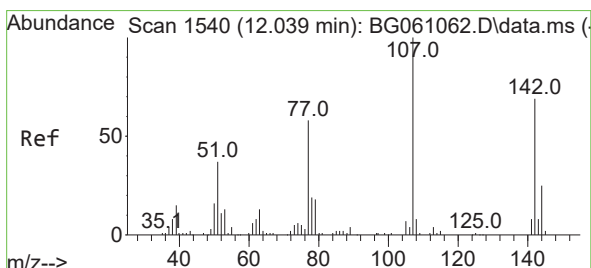
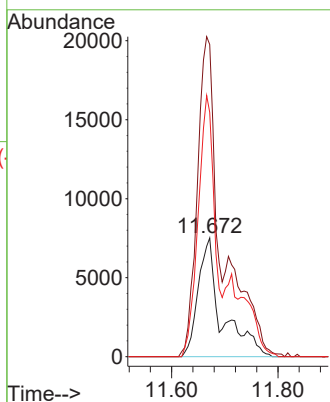
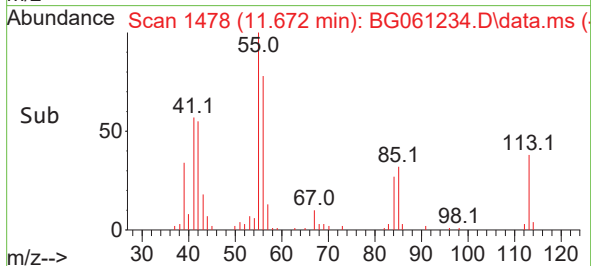


Tgt Ion:113 Resp: 23150
 Ion Ratio Lower Upper
 113 100
 55 263.0 227.6 267.6
 56 205.8 195.1 235.1

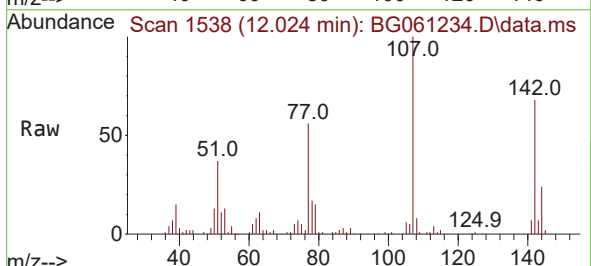
Manual Integrations

APPROVED

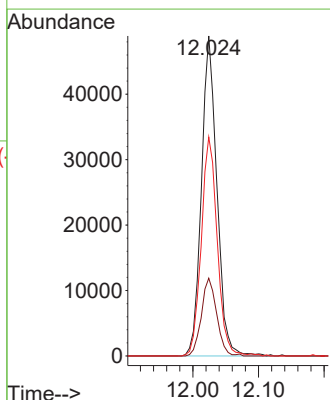
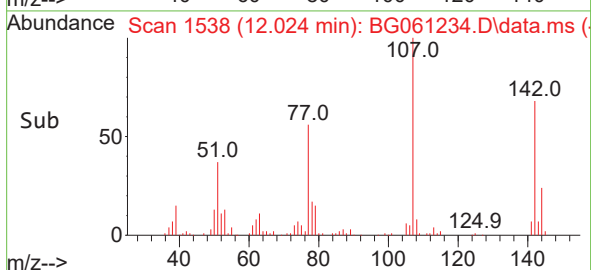
Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024

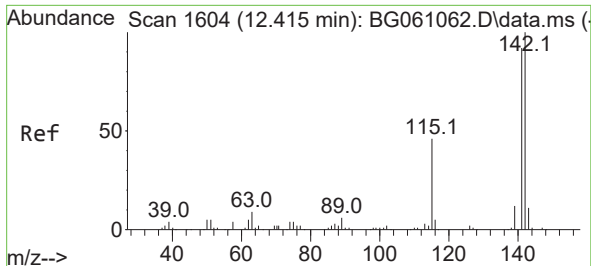


#36
 4-Chloro-3-methylphenol
 Concen: 47.725 ng
 RT: 12.024 min Scan# 1538
 Delta R.T. -0.015 min
 Lab File: BG061234.D
 Acq: 17 May 2024 11:42



Tgt Ion:107 Resp: 80333
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.2 30.4
 142 68.4 55.6 83.4





#37
2-Methylnaphthalene
Concen: 42.043 ng
RT: 12.383 min Scan# 11
Delta R.T. -0.032 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

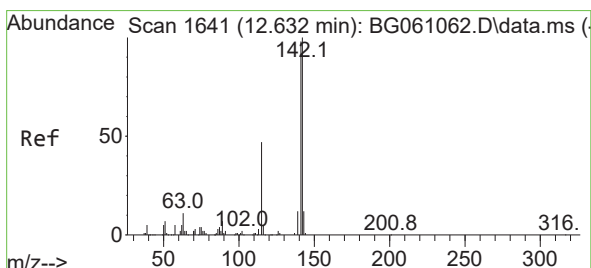
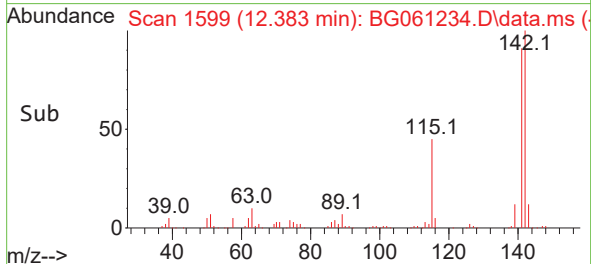
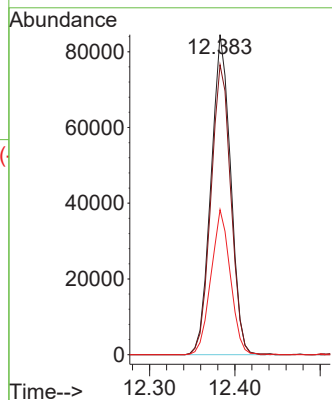
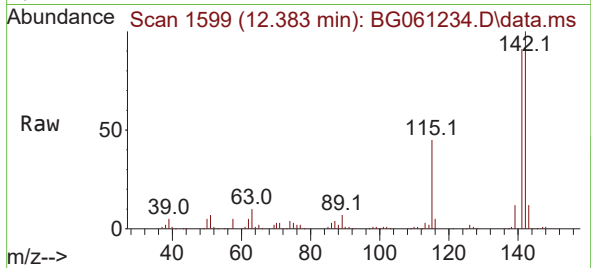
PB160948BS

Tgt Ion:142 Resp: 135329
Ion Ratio Lower Upper
142 100
141 90.6 73.8 110.8
115 45.3 36.9 55.3

Manual Integrations

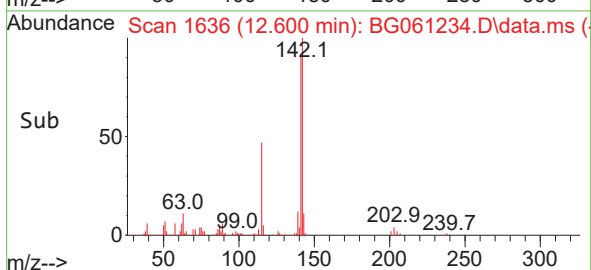
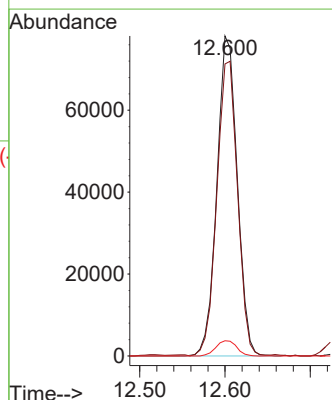
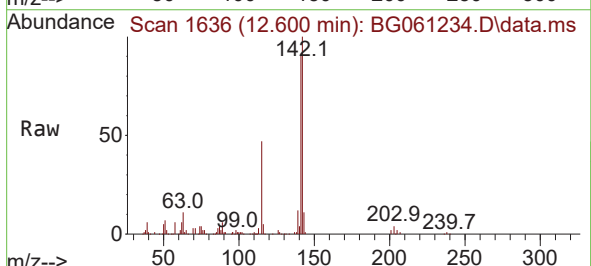
APPROVED

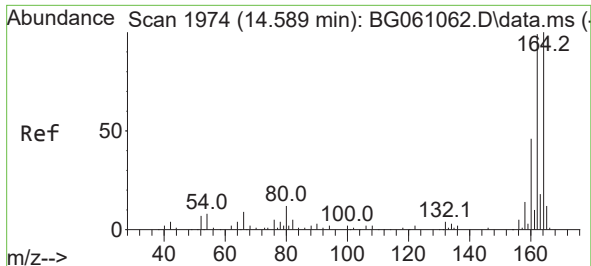
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#38
1-Methylnaphthalene
Concen: 40.020 ng
RT: 12.600 min Scan# 1636
Delta R.T. -0.032 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Tgt Ion:142 Resp: 129681
Ion Ratio Lower Upper
142 100
141 91.3 78.4 117.6
116 4.7 4.3 6.5





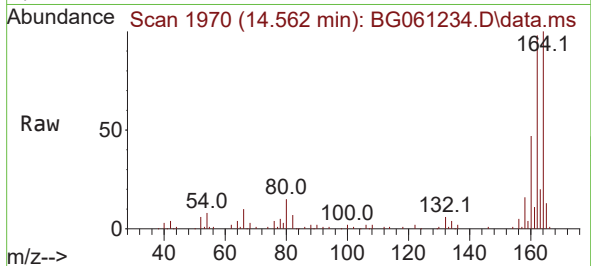
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1974
Delta R.T. -0.027 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160948BS

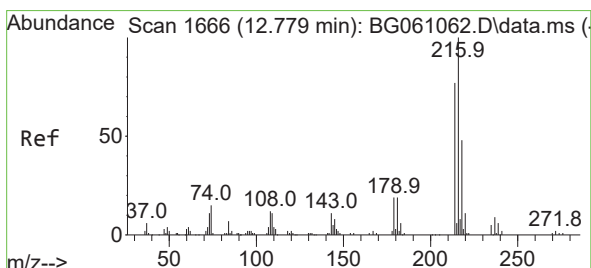
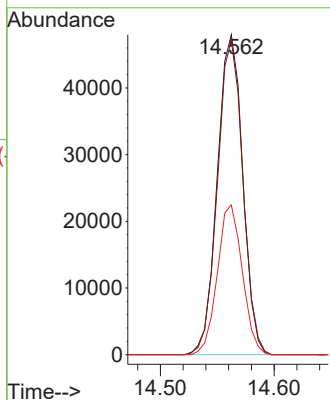
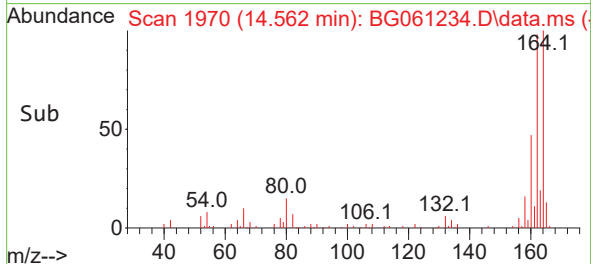


Tgt Ion:164 Resp: 7444
Ion Ratio Lower Upper
164 100
162 98.2 79.4 119.2
160 46.8 37.0 55.6

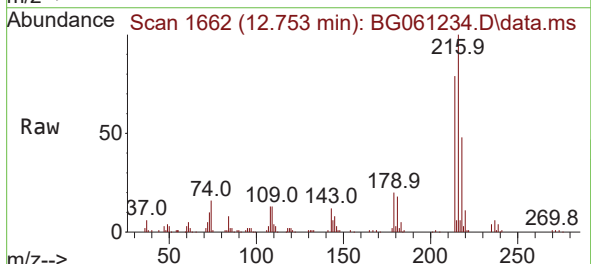
Manual Integrations

APPROVED

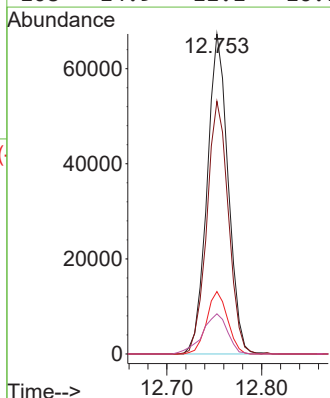
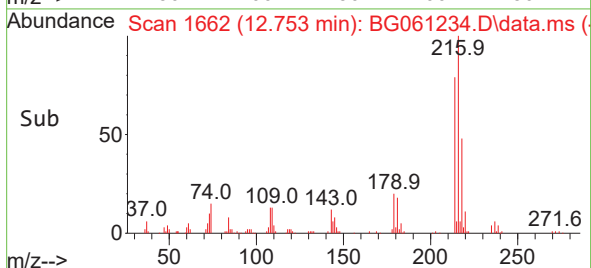
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

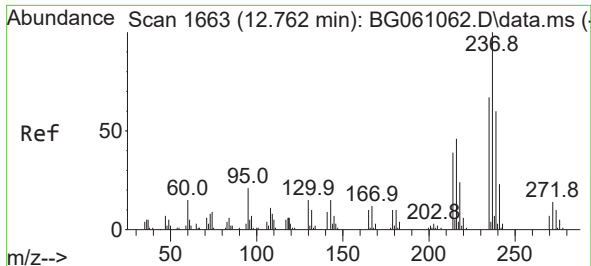


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.652 ng
RT: 12.753 min Scan# 1662
Delta R.T. -0.026 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42



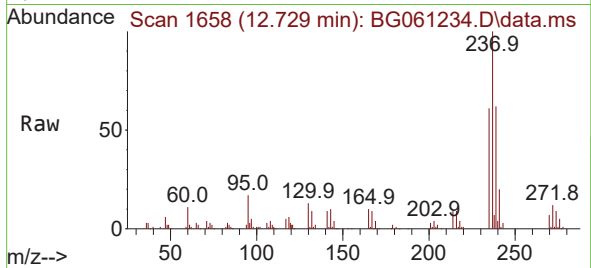
Tgt Ion:216 Resp: 103481
Ion Ratio Lower Upper
216 100
214 80.8 64.2 96.2
179 19.3 15.4 23.2
108 14.9 11.1 16.7





#41
Hexachlorocyclopentadiene
Concen: 79.128 ng
RT: 12.729 min Scan# 1658
Delta R.T. -0.032 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

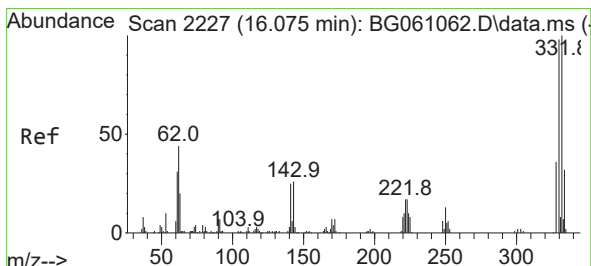
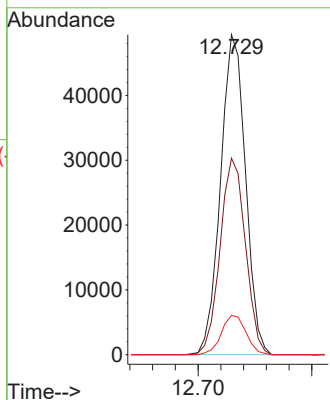
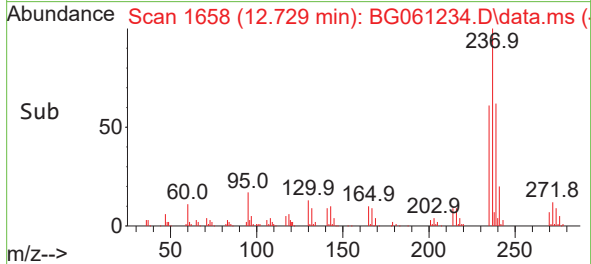
Instrument :
BNA_G
ClientSampleId :
PB160948BS



Tgt Ion:237 Resp: 7525
Ion Ratio Lower Upper
237 100
235 61.4 46.5 86.5
272 12.3 0.0 33.9

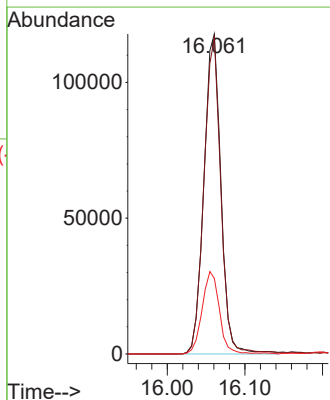
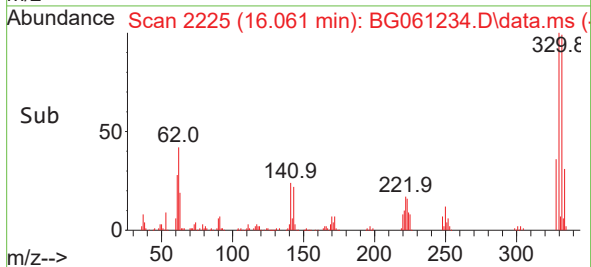
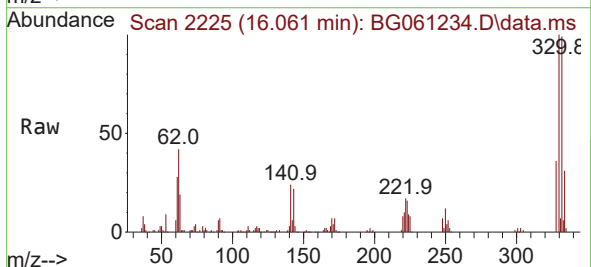
Manual Integrations
APPROVED

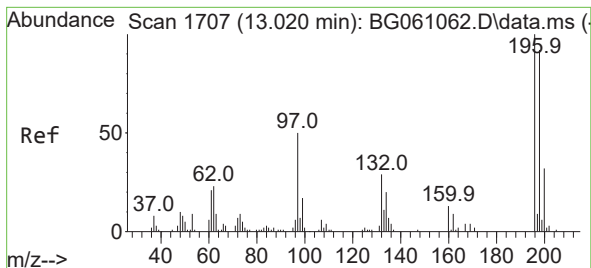
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#42
2,4,6-Tribromophenol
Concen: 120.340 ng
RT: 16.061 min Scan# 2225
Delta R.T. -0.015 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Tgt Ion:330 Resp: 179064
Ion Ratio Lower Upper
330 100
332 98.1 78.6 117.8
141 26.2 20.5 30.7





#43
2,4,6-Trichlorophenol
Concen: 41.289 ng
RT: 13.000 min Scan# 1718
Delta R.T. -0.021 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

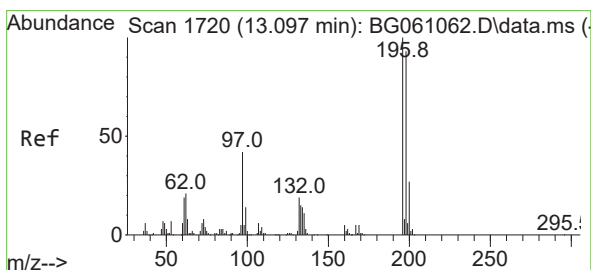
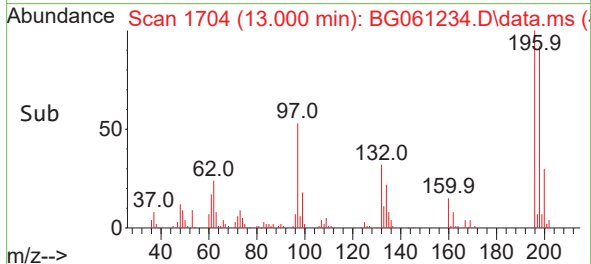
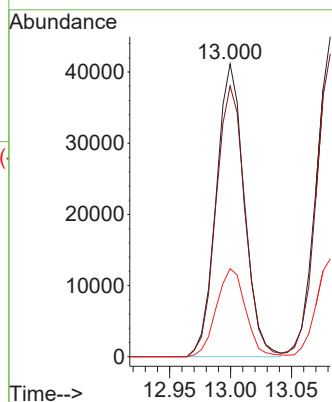
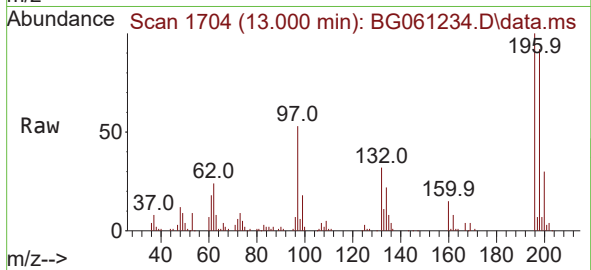
PB160948BS

Tgt Ion:196 Resp: 65850
Ion Ratio Lower Upper
196 100
198 92.5 73.8 110.6
200 30.1 25.5 38.3

Manual Integrations

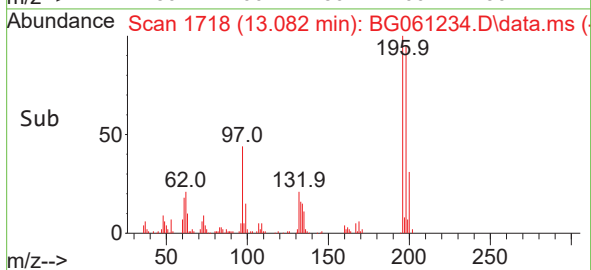
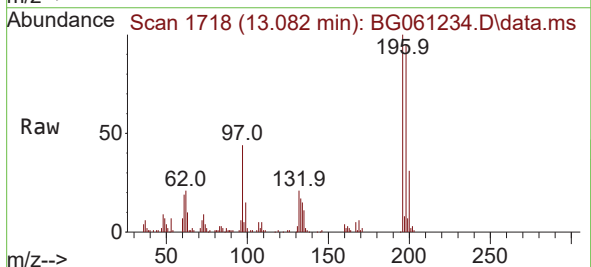
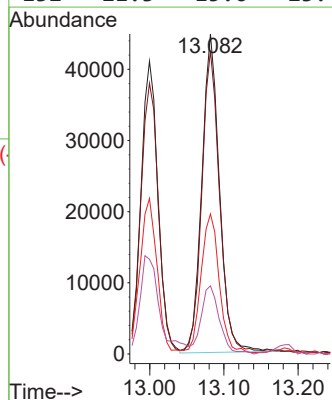
APPROVED

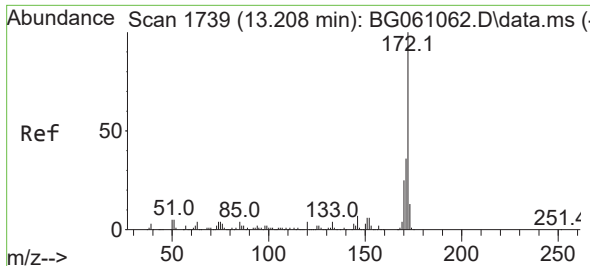
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#44
2,4,5-Trichlorophenol
Concen: 41.070 ng
RT: 13.082 min Scan# 1718
Delta R.T. -0.015 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

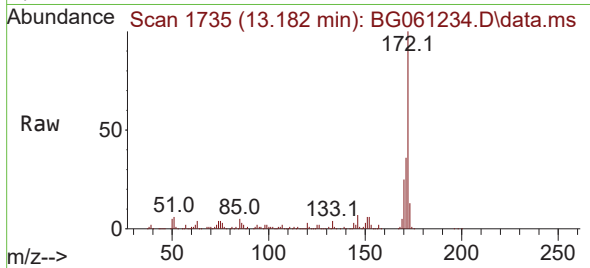
Tgt Ion:196 Resp: 74139
Ion Ratio Lower Upper
196 100
198 94.6 74.3 111.5
97 43.8 33.6 50.4
132 21.3 15.6 23.4





#45
2-Fluorobiphenyl
Concen: 81.435 ng
RT: 13.182 min Scan# 1735
Delta R.T. -0.026 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

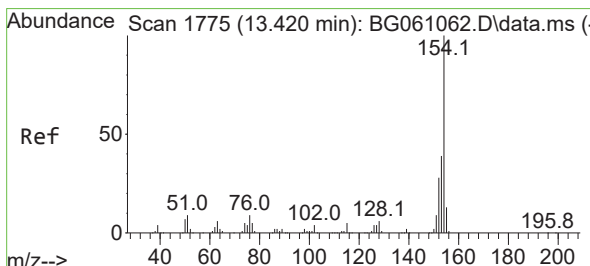
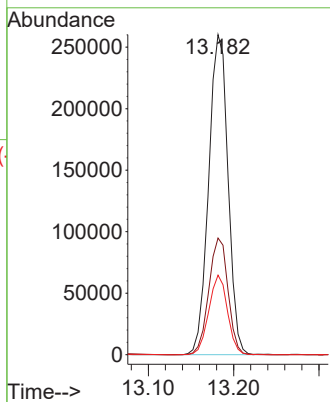
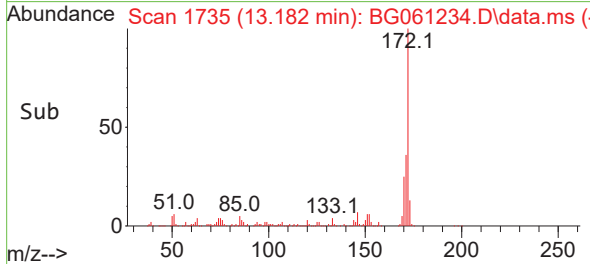
Instrument :
BNA_G
ClientSampleId :
PB160948BS



Tgt Ion:172 Resp: 40996
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 24.8 20.2 30.4

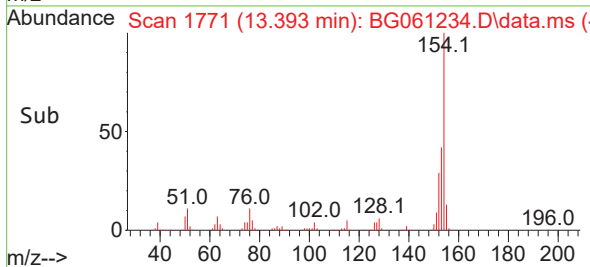
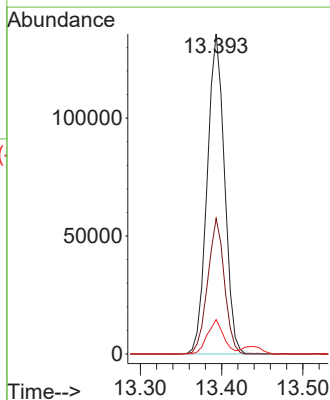
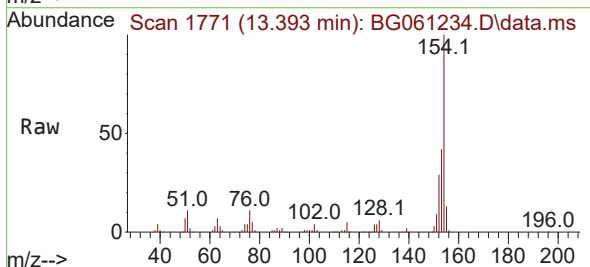
Manual Integrations
APPROVED

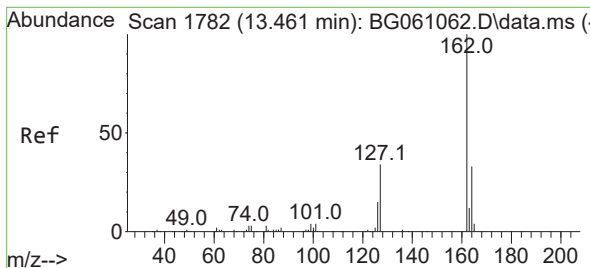
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#46
1,1'-Biphenyl
Concen: 42.094 ng
RT: 13.393 min Scan# 1771
Delta R.T. -0.027 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Tgt Ion:154 Resp: 200921
Ion Ratio Lower Upper
154 100
153 42.3 19.3 59.3
76 10.8 0.0 28.8





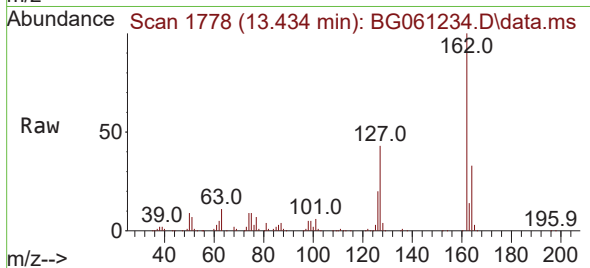
#47
2-Chloronaphthalene
Concen: 40.987 ng
RT: 13.434 min Scan# 11
Delta R.T. -0.027 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160948BS

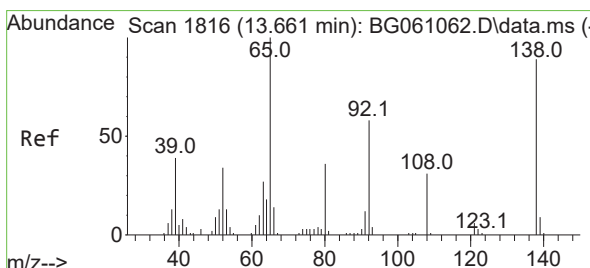
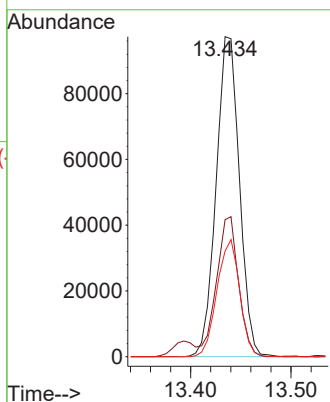
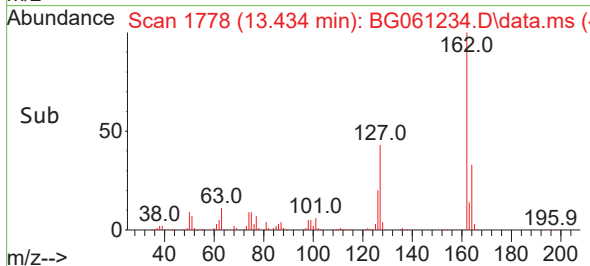


Tgt Ion:162 Resp: 156658
Ion Ratio Lower Upper
162 100
127 42.8 30.7 46.1
164 33.0 26.8 40.2

Manual Integrations

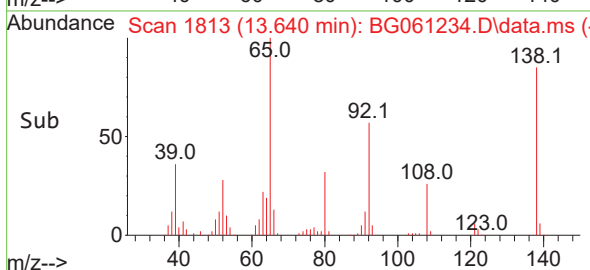
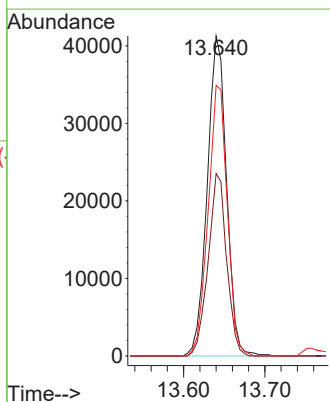
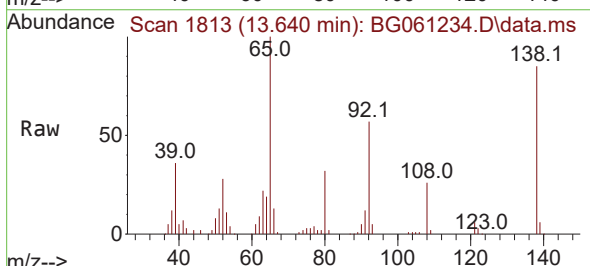
APPROVED

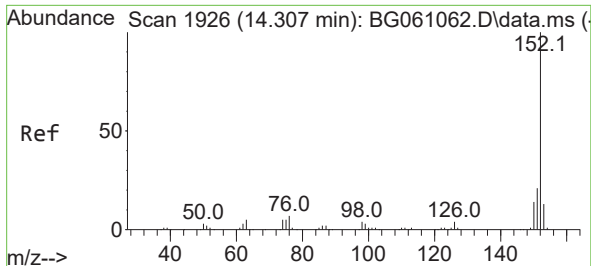
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#48
2-Nitroaniline
Concen: 47.802 ng
RT: 13.640 min Scan# 1813
Delta R.T. -0.021 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Tgt Ion: 65 Resp: 67797
Ion Ratio Lower Upper
65 100
92 57.0 46.7 70.1
138 84.6 71.4 107.2





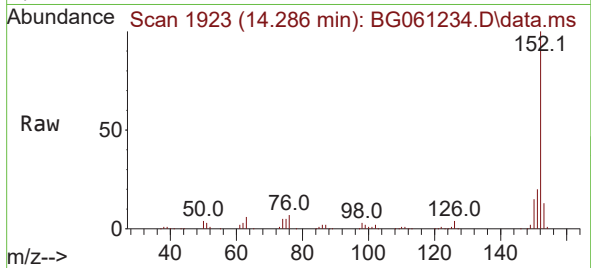
#49
Acenaphthylene
Concen: 46.806 ng
RT: 14.286 min Scan# 1923
Delta R.T. -0.021 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160948BS

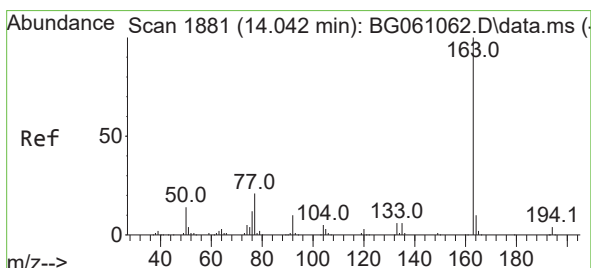
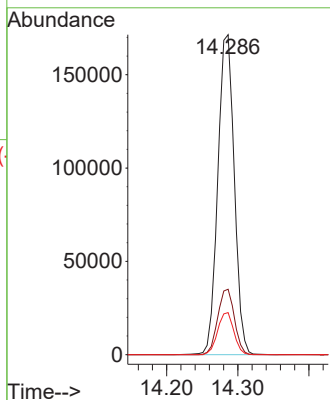
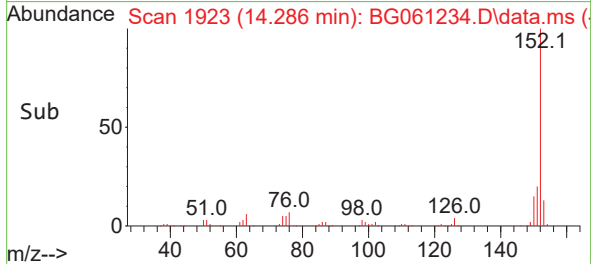


Tgt Ion:152 Resp: 274770
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 13.1 10.6 15.8

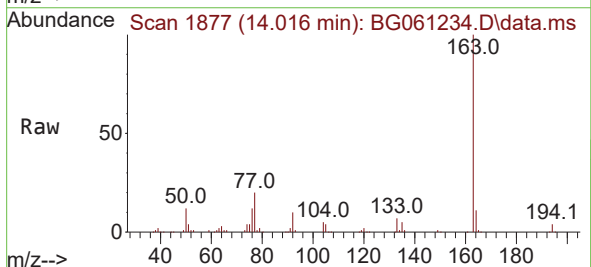
Manual Integrations

APPROVED

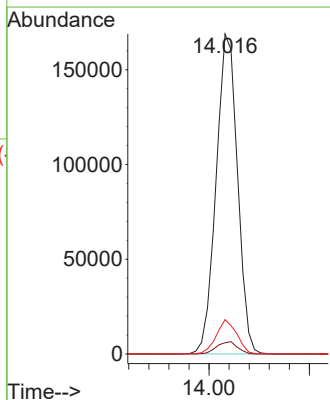
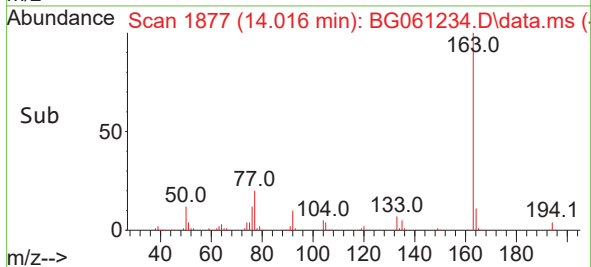
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

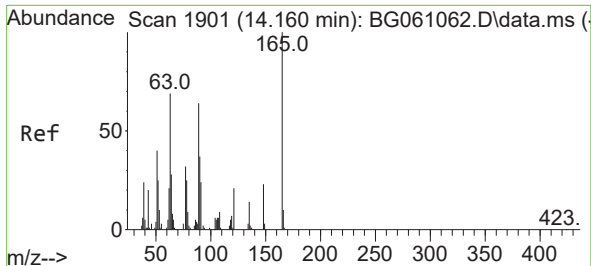


#50
Dimethylphthalate
Concen: 43.430 ng
RT: 14.016 min Scan# 1877
Delta R.T. -0.027 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42



Tgt Ion:163 Resp: 249719
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 10.7 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 42.619 ng
RT: 14.139 min Scan# 1898
Delta R.T. -0.021 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

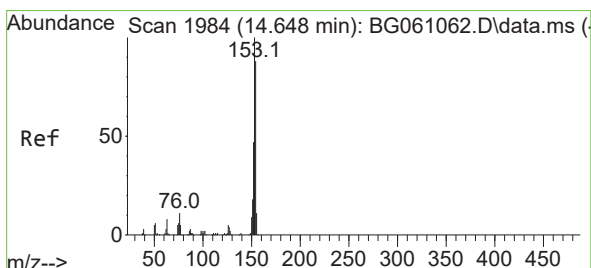
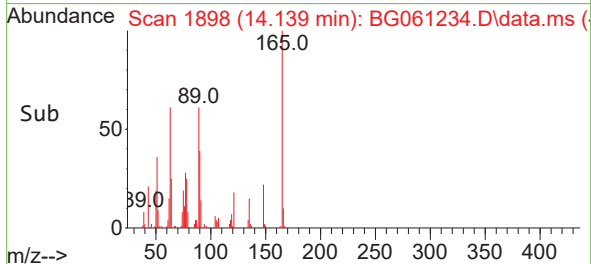
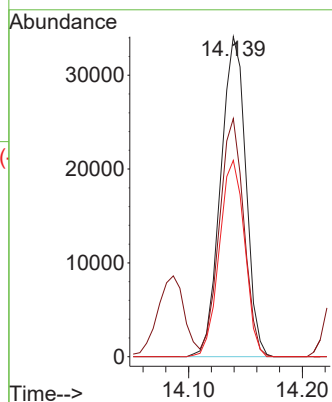
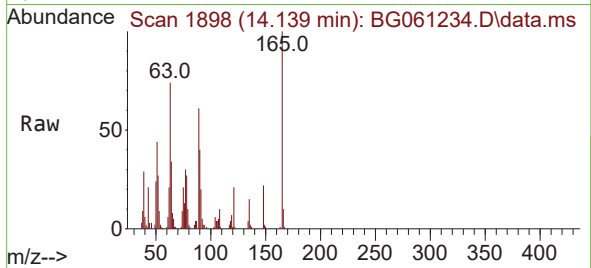
PB160948BS

Tgt Ion:165 Resp: 52410
Ion Ratio Lower Upper
165 100
63 74.4 60.0 90.0
89 61.4 50.9 76.3

Manual Integrations

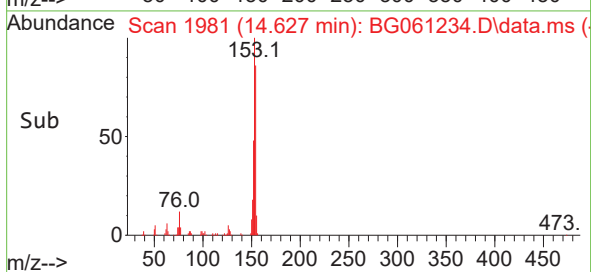
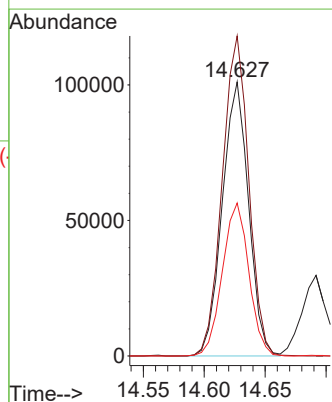
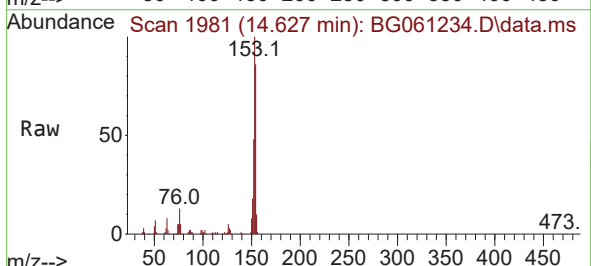
APPROVED

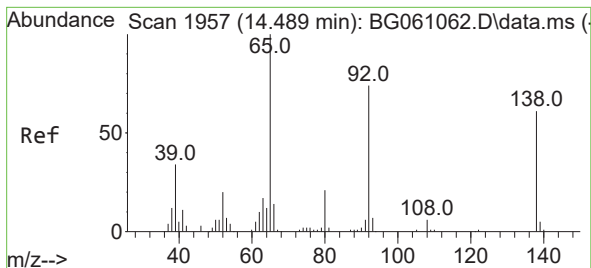
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#52
Acenaphthene
Concen: 41.434 ng
RT: 14.627 min Scan# 1981
Delta R.T. -0.021 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Tgt Ion:154 Resp: 151734
Ion Ratio Lower Upper
154 100
153 116.8 91.0 136.4
152 55.8 43.1 64.7





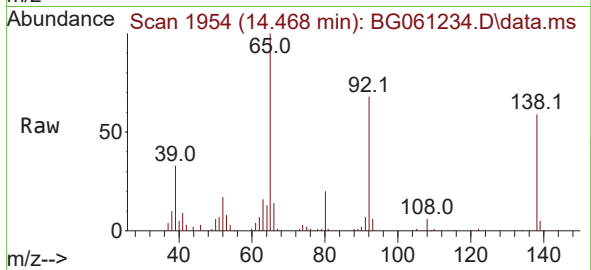
#53
3-Nitroaniline
Concen: 33.785 ng
RT: 14.468 min Scan# 1954
Delta R.T. -0.021 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160948BS

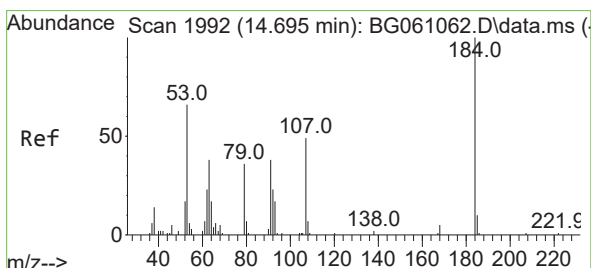
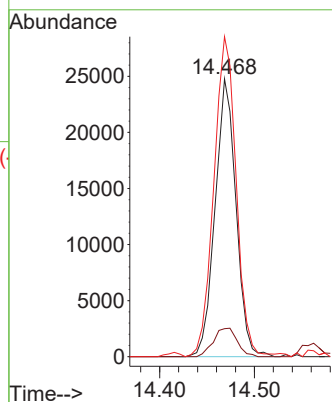
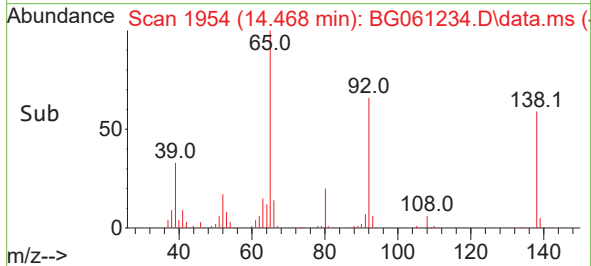


Tgt Ion:138 Resp: 38020
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.2
92 115.2 98.0 147.0

Manual Integrations

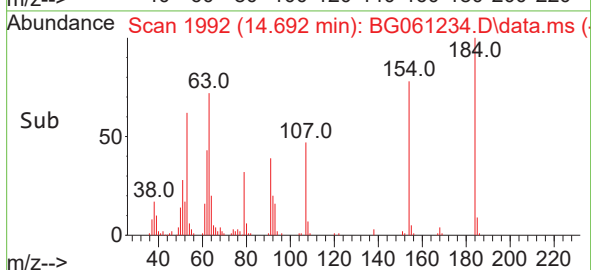
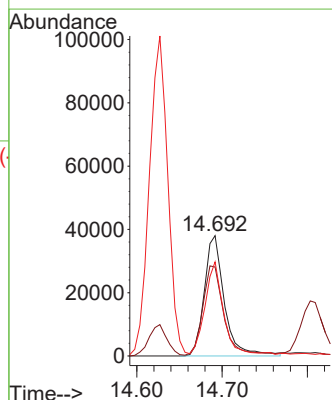
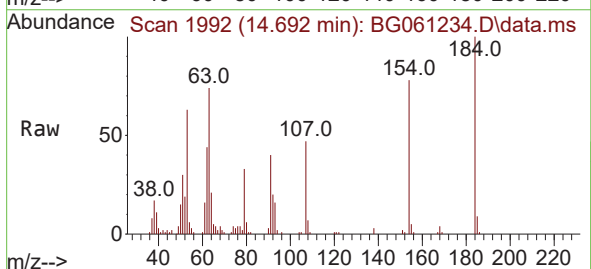
APPROVED

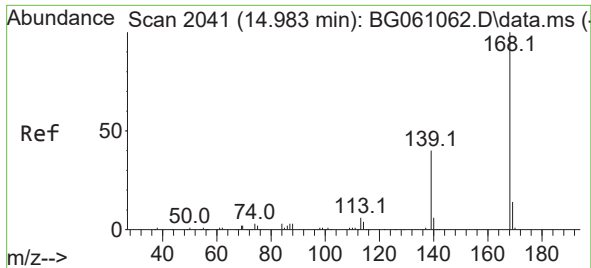
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#54
2,4-Dinitrophenol
Concen: 71.530 ng
RT: 14.692 min Scan# 1992
Delta R.T. -0.003 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Tgt Ion:184 Resp: 62152
Ion Ratio Lower Upper
184 100
63 73.9 62.6 93.8
154 78.2 61.4 92.0





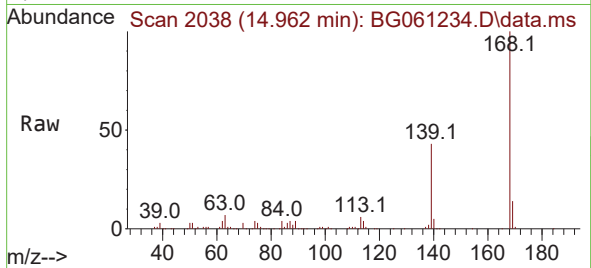
#55
Dibenzofuran
Concen: 43.237 ng
RT: 14.962 min Scan# 2041
Delta R.T. -0.021 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160948BS

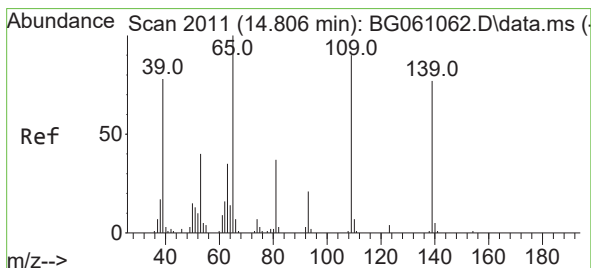
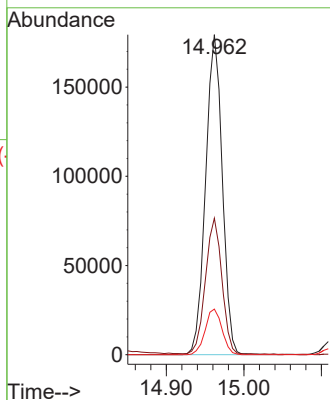
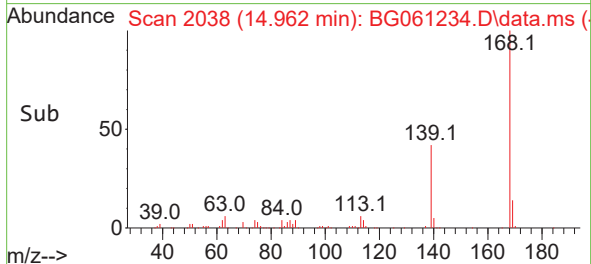


Tgt Ion:168 Resp: 26744
Ion Ratio Lower Upper
168 100
139 42.6 32.2 48.4
169 14.3 11.4 17.2

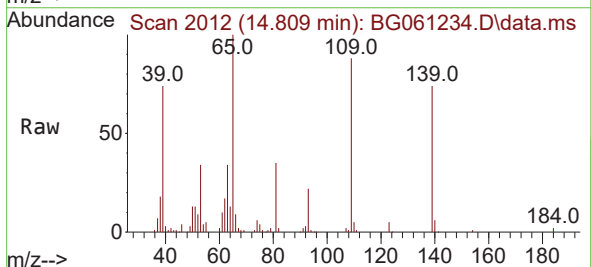
Manual Integrations

APPROVED

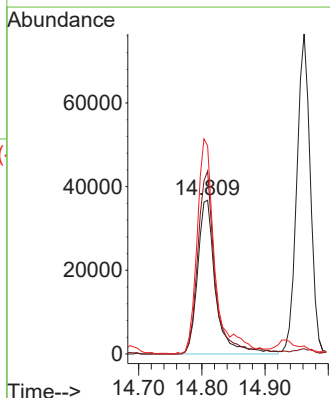
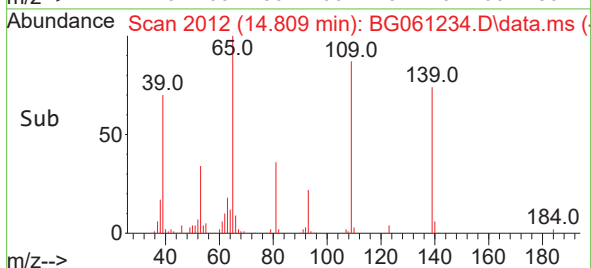
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

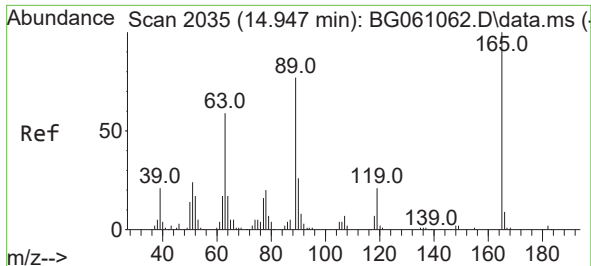


#56
4-Nitrophenol
Concen: 80.281 ng
RT: 14.809 min Scan# 2012
Delta R.T. 0.003 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42



Tgt Ion:139 Resp: 73011
Ion Ratio Lower Upper
139 100
109 119.0 97.7 137.7
65 135.3 110.7 150.7





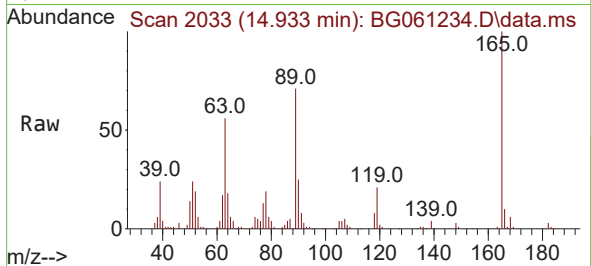
#57
2,4-Dinitrotoluene
Concen: 44.356 ng
RT: 14.933 min Scan# 2033
Delta R.T. -0.015 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160948BS

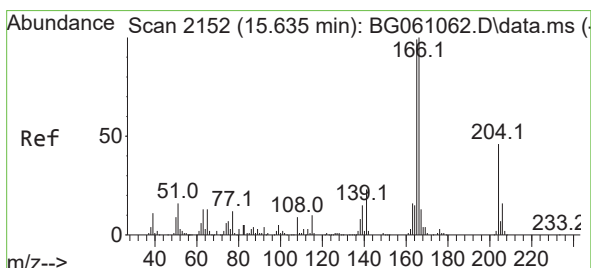
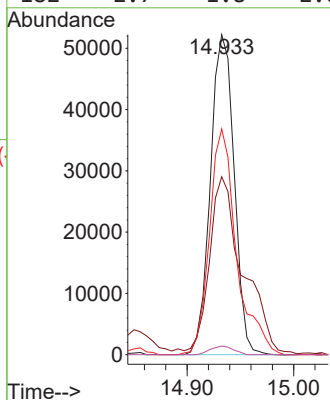
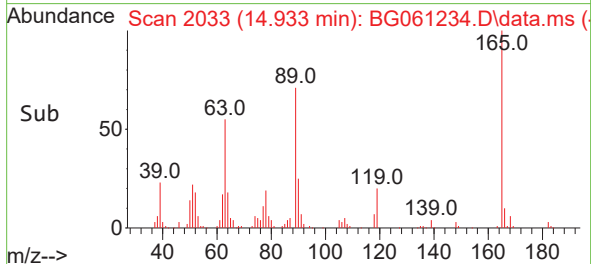


Tgt Ion:165 Resp: 80710
Ion Ratio Lower Upper
165 100
63 55.6 47.3 70.9
89 70.5 61.8 92.8
182 2.7 1.8 2.6#

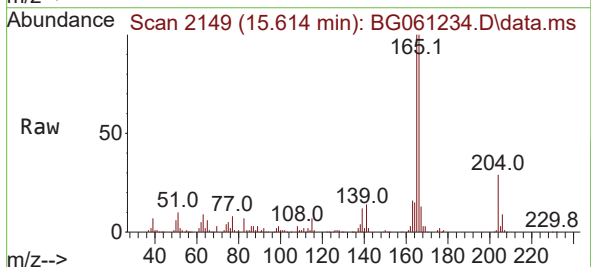
Manual Integrations

APPROVED

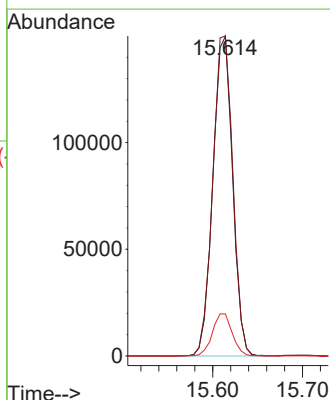
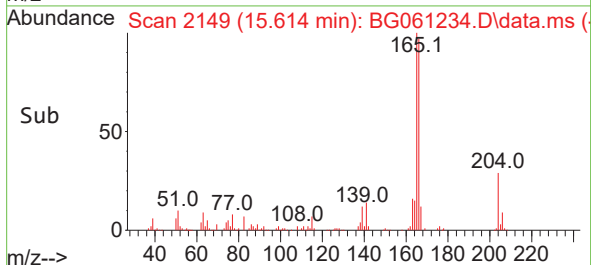
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

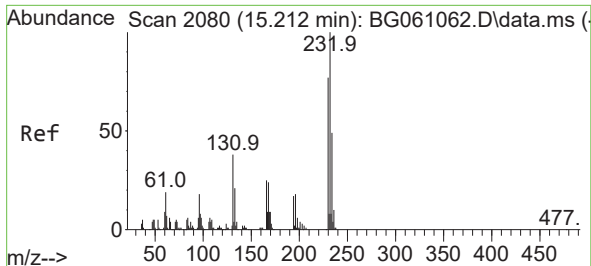


#58
Fluorene
Concen: 42.570 ng
RT: 15.614 min Scan# 2149
Delta R.T. -0.021 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42



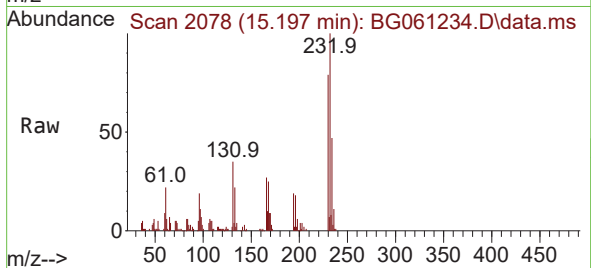
Tgt Ion:166 Resp: 227856
Ion Ratio Lower Upper
166 100
165 100.1 78.9 118.3
167 13.2 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.295 ng
RT: 15.197 min Scan# 2080
Delta R.T. -0.015 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

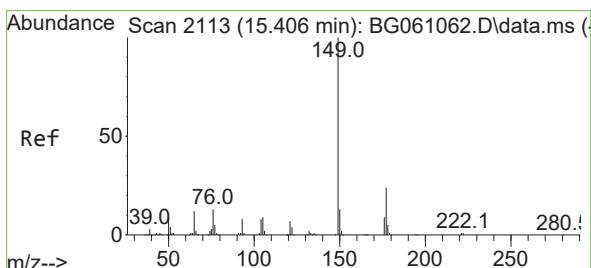
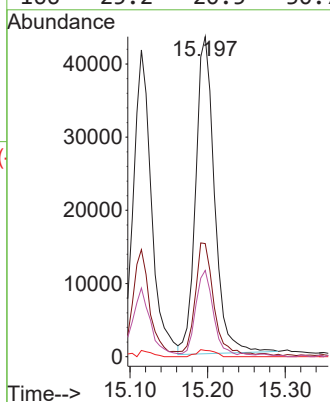
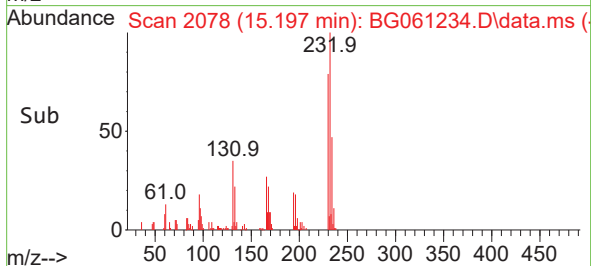
Instrument :
BNA_G
ClientSampleId :
PB160948BS



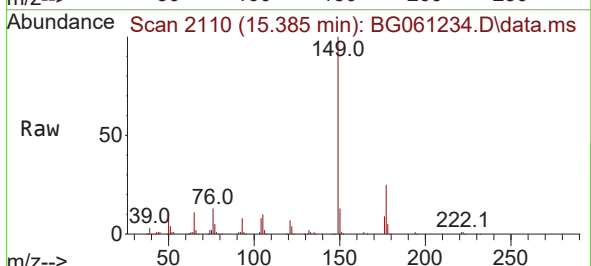
Tgt Ion:232 Resp: 73019
Ion Ratio Lower Upper
232 100
131 34.5 27.0 40.4
130 2.1 1.7 2.5
166 25.2 20.5 30.7

Manual Integrations
APPROVED

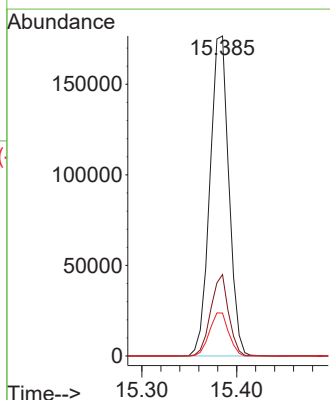
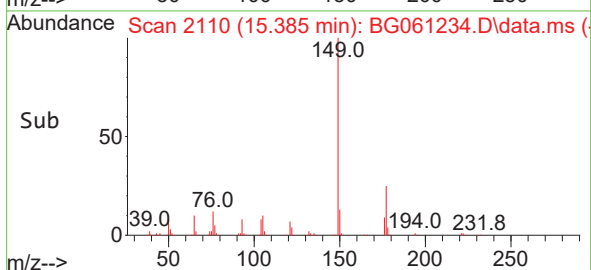
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

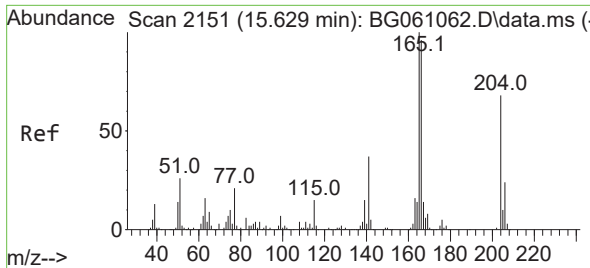


#60
Diethylphthalate
Concen: 42.386 ng
RT: 15.385 min Scan# 2110
Delta R.T. -0.021 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42



Tgt Ion:149 Resp: 245767
Ion Ratio Lower Upper
149 100
177 25.5 19.1 28.7
150 13.4 10.6 16.0





#61
4-Chlorophenyl-phenylether
Concen: 41.775 ng
RT: 15.602 min Scan# 2147
Delta R.T. -0.027 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

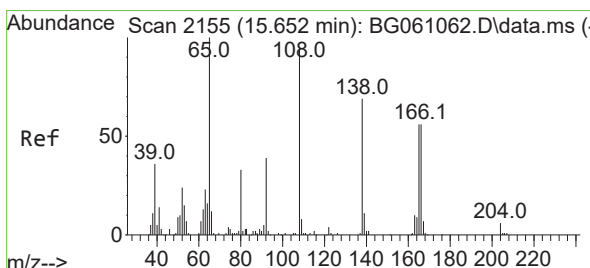
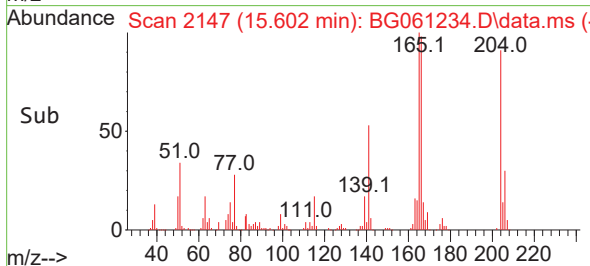
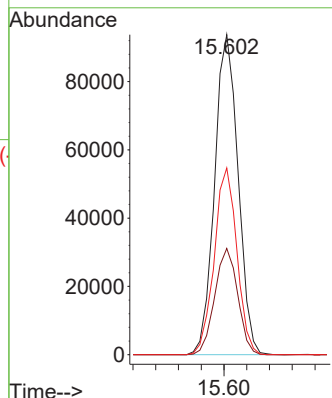
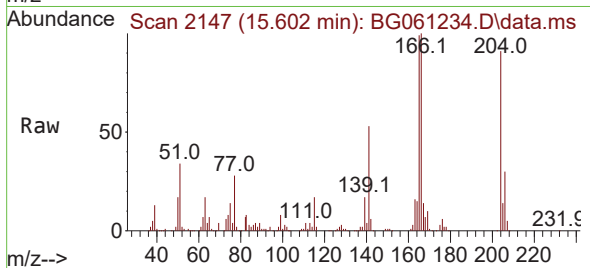
PB160948BS

Tgt Ion:204 Resp: 13426
Ion Ratio Lower Upper
204 100
206 33.2 27.8 41.6
141 58.3 42.9 64.3

Manual Integrations

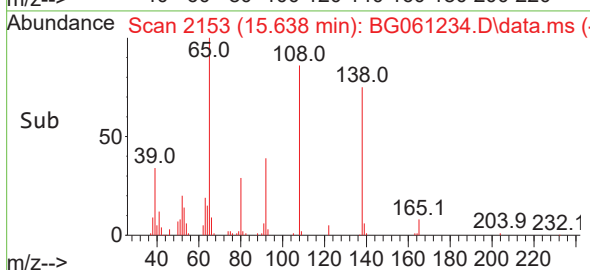
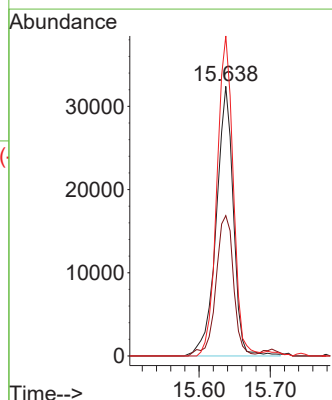
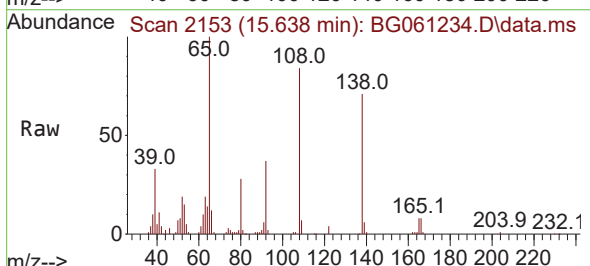
APPROVED

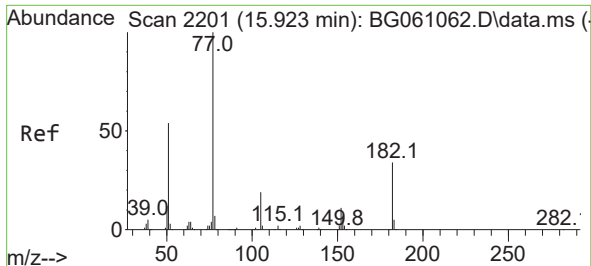
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#62
4-Nitroaniline
Concen: 44.286 ng
RT: 15.638 min Scan# 2153
Delta R.T. -0.015 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Tgt Ion:138 Resp: 54052
Ion Ratio Lower Upper
138 100
92 52.0 35.5 75.5
108 118.7 116.2 156.2





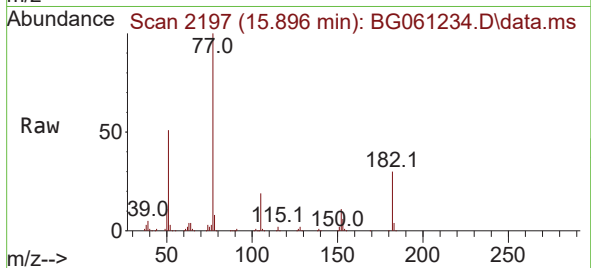
#63
Azobenzene
Concen: 47.211 ng
RT: 15.896 min Scan# 21309
Delta R.T. -0.027 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160948BS

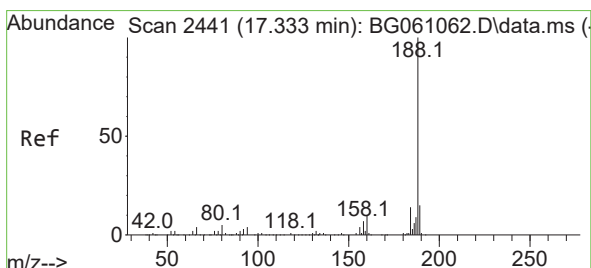
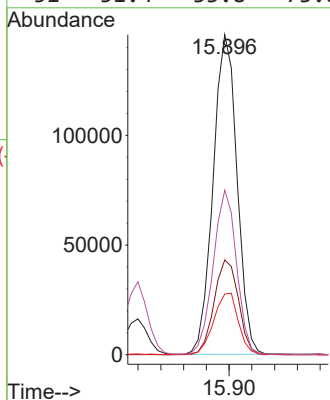
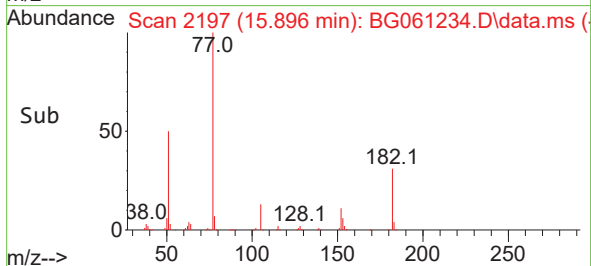


Tgt Ion: 77 Resp: 21309
Ion Ratio Lower Upper
77 100
182 29.6 13.5 53.5
105 18.9 0.0 39.3
51 51.4 33.8 73.8

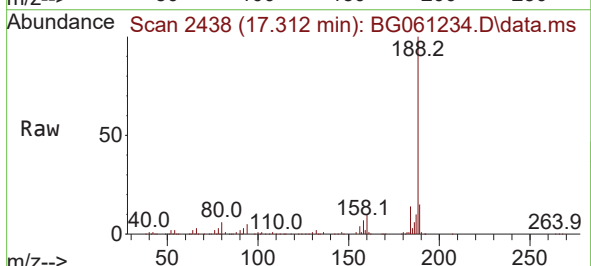
Manual Integrations

APPROVED

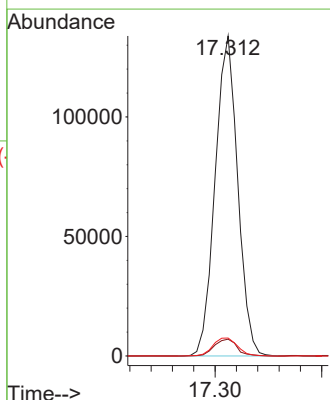
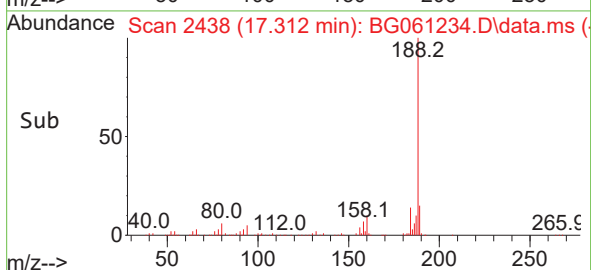
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

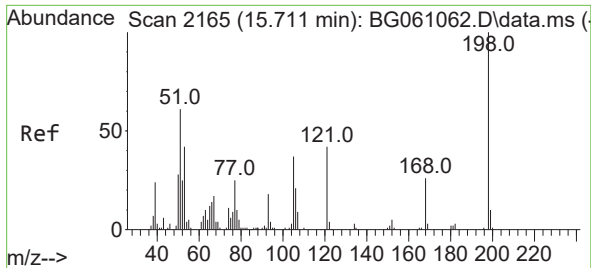


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2438
Delta R.T. -0.021 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42



Tgt Ion:188 Resp: 196413
Ion Ratio Lower Upper
188 100
94 5.2 3.6 5.4
80 5.6 4.2 6.2





#65
4,6-Dinitro-2-methylphenol
Concen: 42.541 ng
RT: 15.702 min Scan# 2164
Delta R.T. -0.009 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

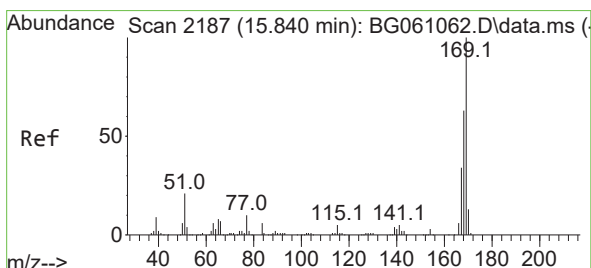
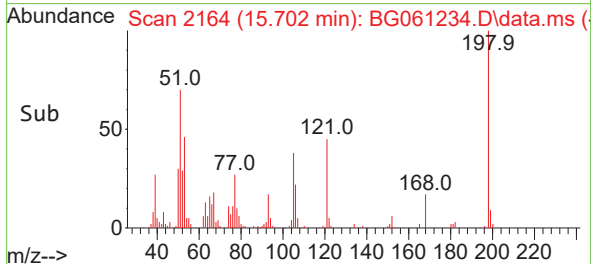
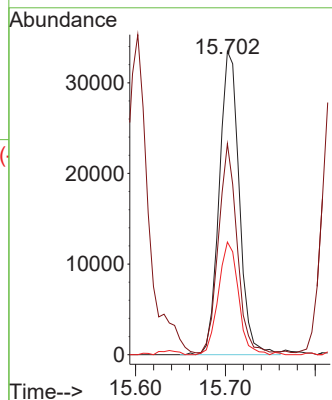
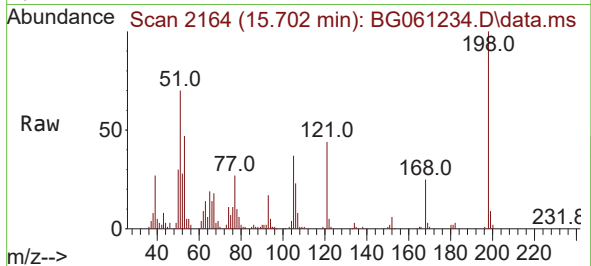
PB160948BS

Tgt Ion:198 Resp: 5184
Ion Ratio Lower Upper
198 100
51 69.5 41.2 81.2
105 37.1 16.7 56.7

Manual Integrations

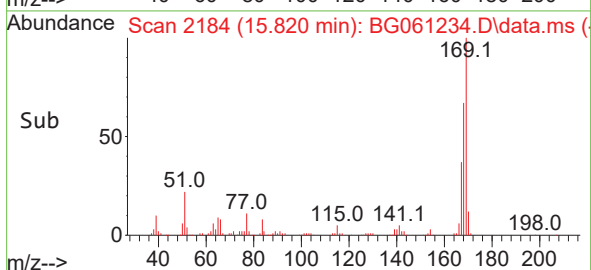
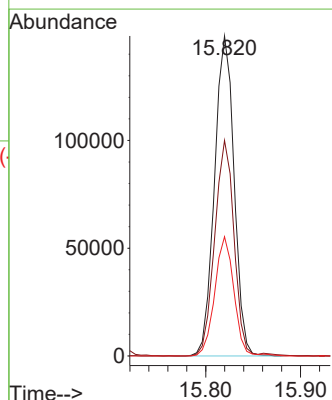
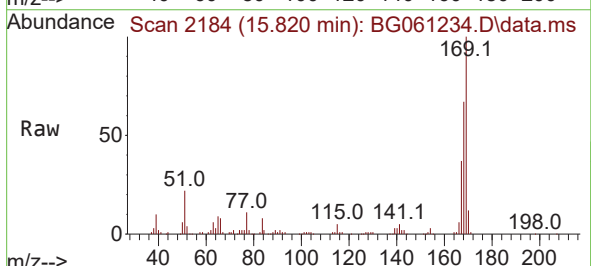
APPROVED

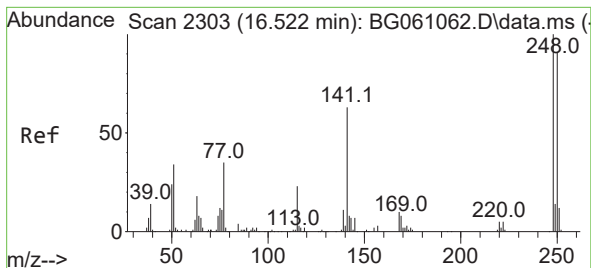
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#66
n-Nitrosodiphenylamine
Concen: 43.796 ng
RT: 15.820 min Scan# 2184
Delta R.T. -0.021 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Tgt Ion:169 Resp: 213314
Ion Ratio Lower Upper
169 100
168 67.4 50.6 75.8
167 37.2 27.4 41.2





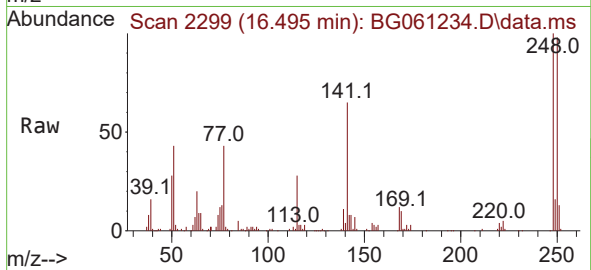
#67
4-Bromophenyl-phenylether
Concen: 42.078 ng
RT: 16.495 min Scan# 21
Delta R.T. -0.027 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160948BS

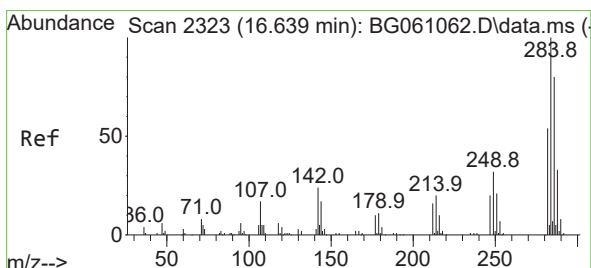
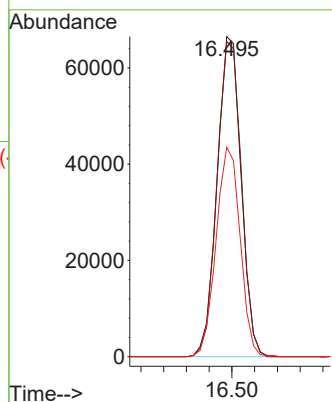
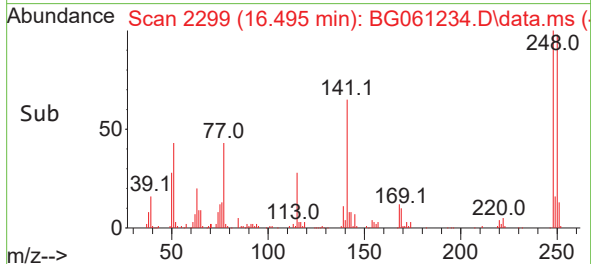


Tgt Ion:248 Resp: 97359
Ion Ratio Lower Upper
248 100
250 98.5 73.0 109.4
141 65.5 50.8 76.2

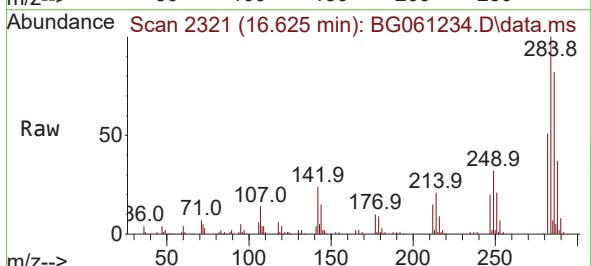
Manual Integrations

APPROVED

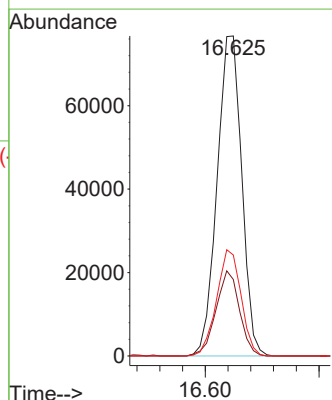
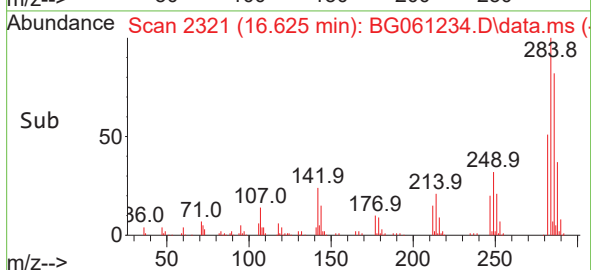
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

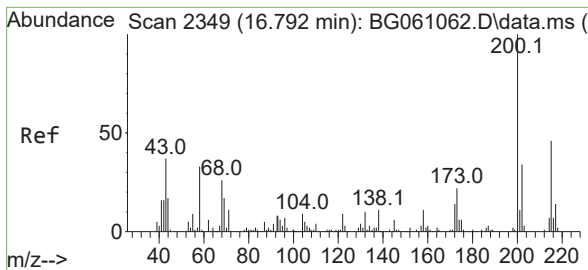


#68
Hexachlorobenzene
Concen: 40.086 ng
RT: 16.625 min Scan# 2321
Delta R.T. -0.015 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42



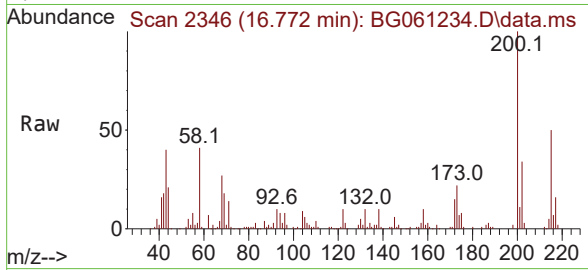
Tgt Ion:284 Resp: 115442
Ion Ratio Lower Upper
284 100
142 23.9 19.2 28.8
249 31.6 25.4 38.2





#69
Atrazine
Concen: 46.835 ng
RT: 16.772 min Scan# 21
Delta R.T. -0.021 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

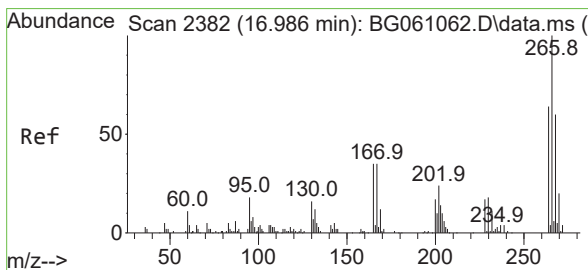
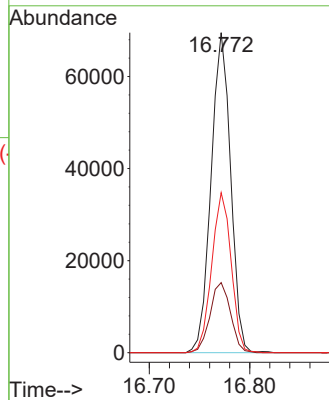
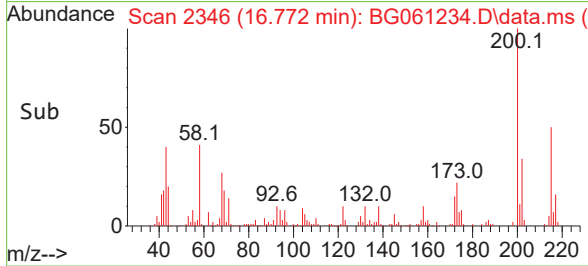
Instrument :
BNA_G
ClientSampleId :
PB160948BS



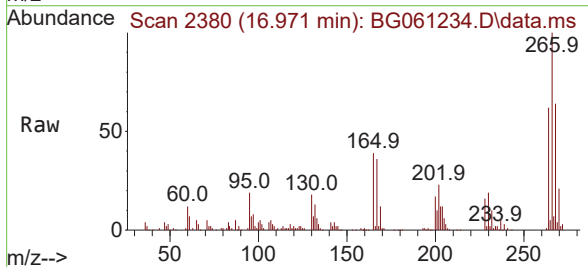
Tgt Ion:200 Resp: 9407
Ion Ratio Lower Upper
200 100
173 21.9 2.0 42.0
215 50.0 26.2 66.2

Manual Integrations
APPROVED

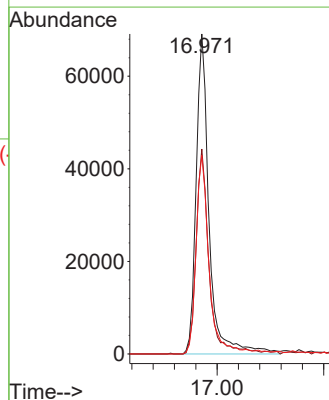
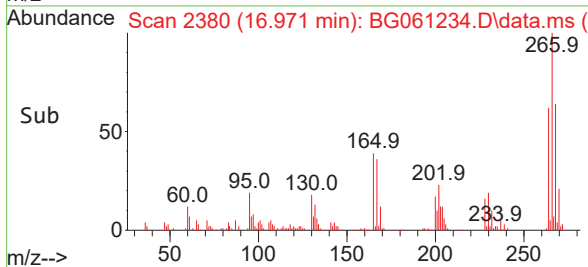
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

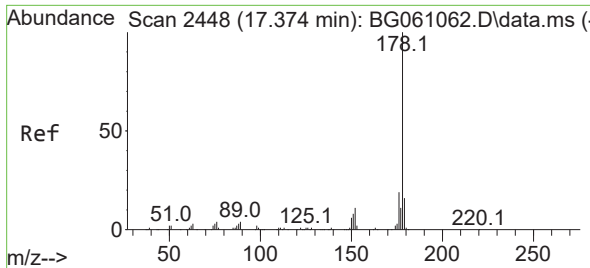


#70
Pentachlorophenol
Concen: 65.961 ng
RT: 16.971 min Scan# 2380
Delta R.T. -0.015 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42



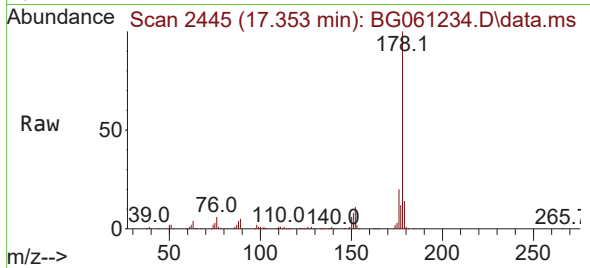
Tgt Ion:266 Resp: 116700
Ion Ratio Lower Upper
266 100
268 64.0 47.8 71.8
264 62.0 51.5 77.3





#71
Phenanthrene
Concen: 44.477 ng
RT: 17.353 min Scan# 2445
Delta R.T. -0.021 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

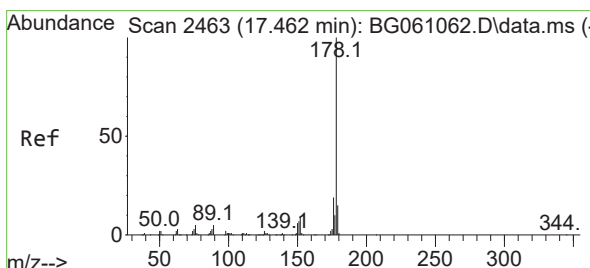
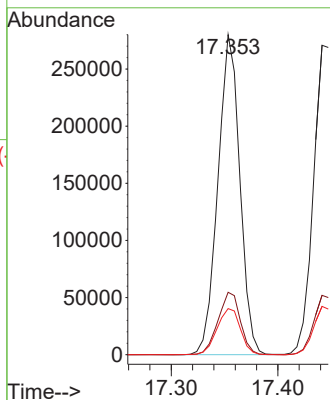
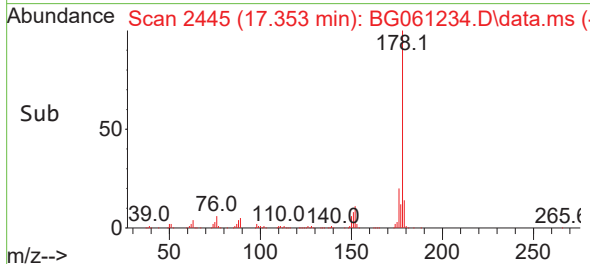
Instrument :
BNA_G
ClientSampleId :
PB160948BS



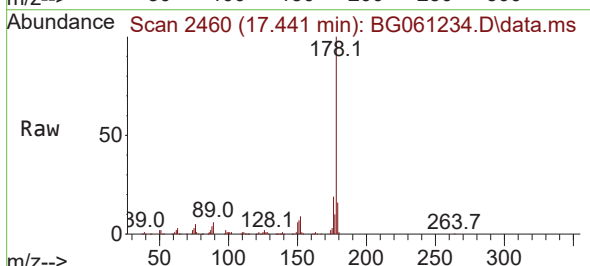
Tgt Ion:178 Resp: 399440
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 14.4 12.6 19.0

Manual Integrations
APPROVED

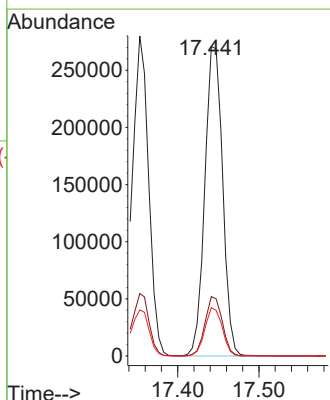
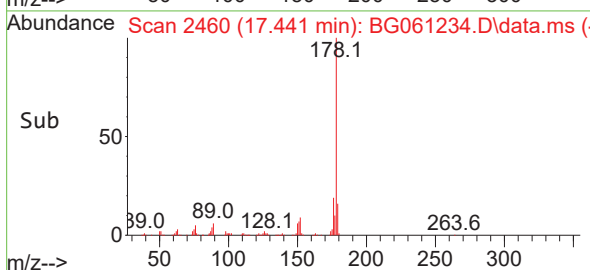
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

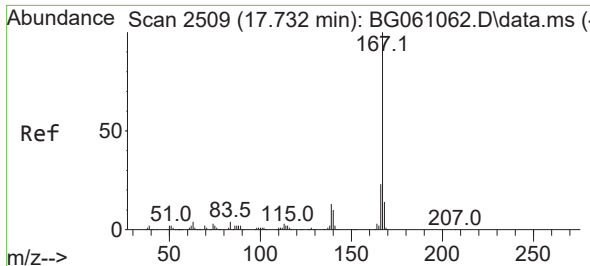


#72
Anthracene
Concen: 46.061 ng
RT: 17.441 min Scan# 2460
Delta R.T. -0.021 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42



Tgt Ion:178 Resp: 412767
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.6
179 15.6 12.0 18.0





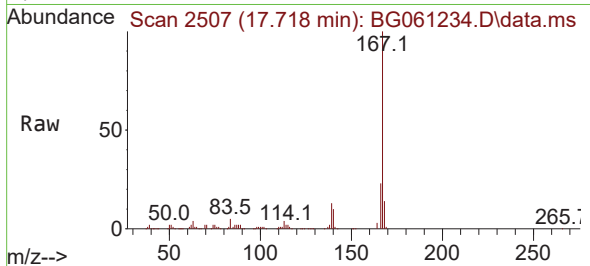
#73
 Carbazole
 Concen: 45.320 ng
 RT: 17.718 min Scan# 2509
 Delta R.T. -0.015 min
 Lab File: BG061234.D
 Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160948BS

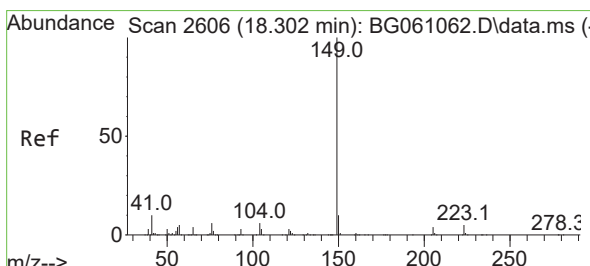
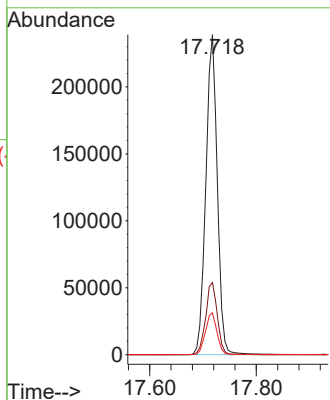
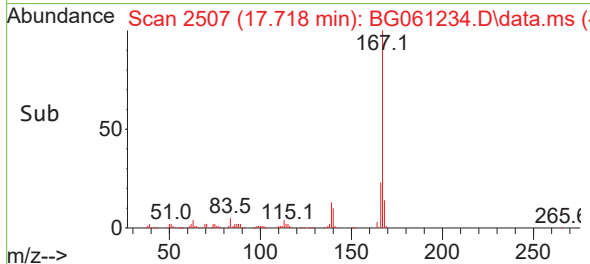


Tgt Ion:167 Resp: 357089
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.7 28.1
 139 13.1 10.6 15.8

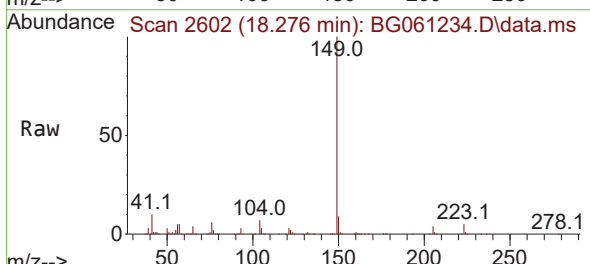
Manual Integrations

APPROVED

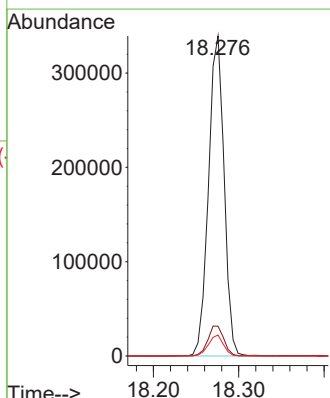
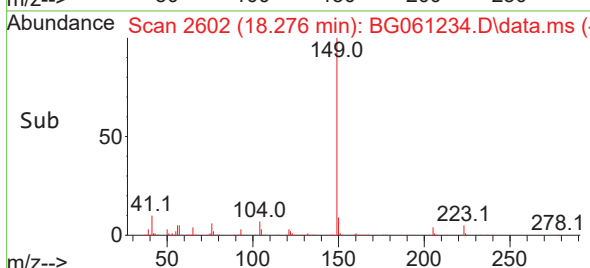
Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024

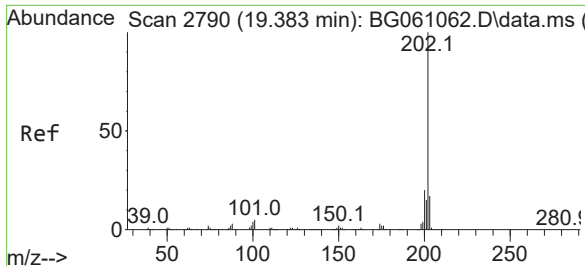


#74
 Di-n-butylphthalate
 Concen: 46.137 ng
 RT: 18.276 min Scan# 2602
 Delta R.T. -0.027 min
 Lab File: BG061234.D
 Acq: 17 May 2024 11:42



Tgt Ion:149 Resp: 432262
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 6.5 5.0 7.6





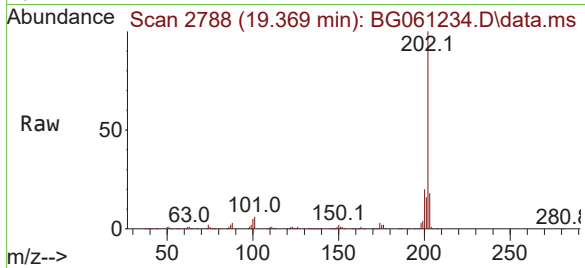
#75
Fluoranthene
Concen: 43.259 ng
RT: 19.369 min Scan# 21
Delta R.T. -0.015 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160948BS

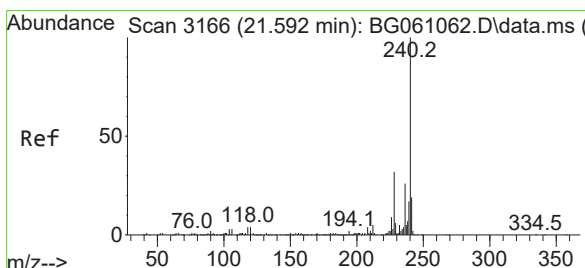
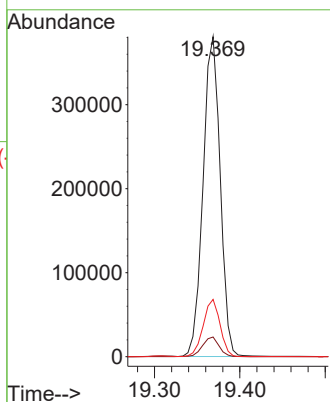
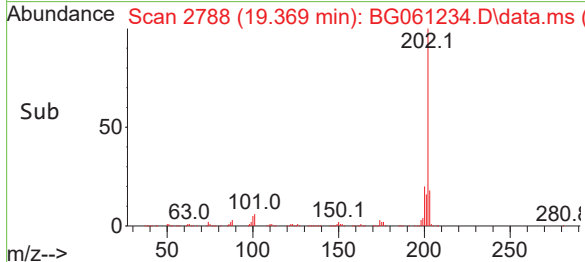


Tgt Ion:202 Resp: 53224
Ion Ratio Lower Upper
202 100
101 6.1 0.0 24.7
203 17.9 0.0 37.1

Manual Integrations

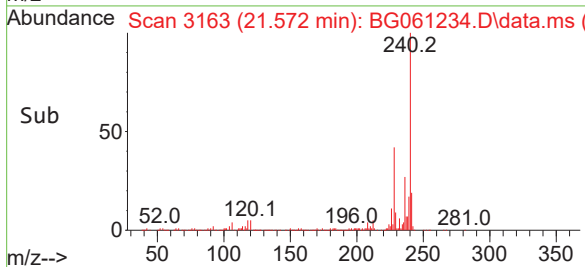
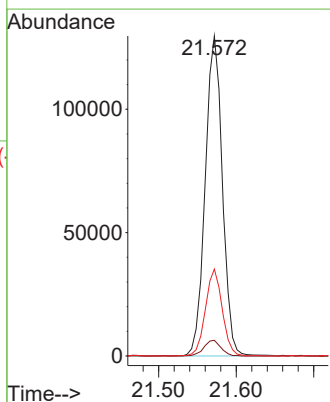
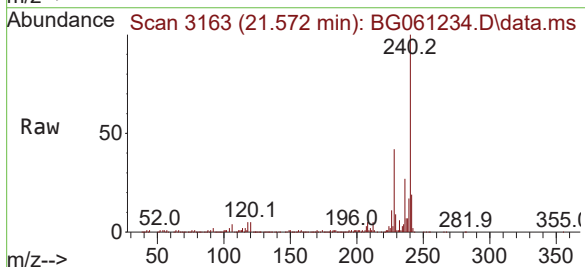
APPROVED

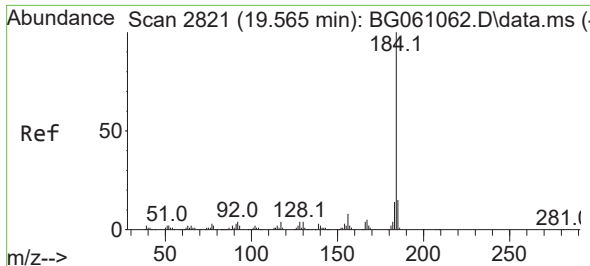
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3163
Delta R.T. -0.021 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Tgt Ion:240 Resp: 199664
Ion Ratio Lower Upper
240 100
120 4.9 3.2 4.8#
236 27.1 21.0 31.6





#77
Benzidine
Concen: 27.776 ng
RT: 19.545 min Scan# 2818
Delta R.T. -0.020 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

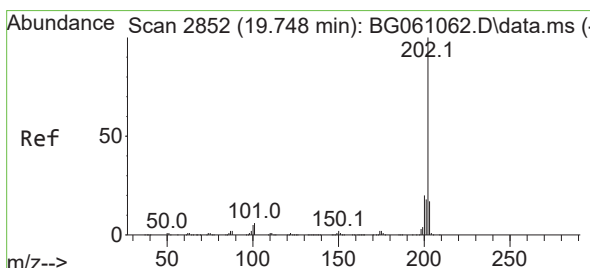
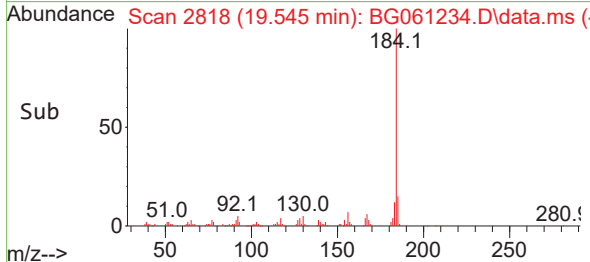
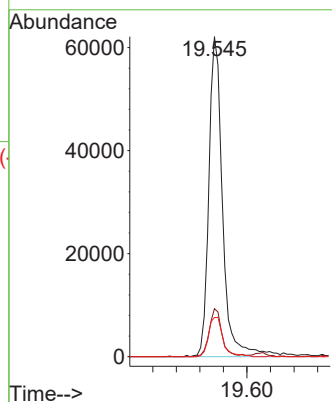
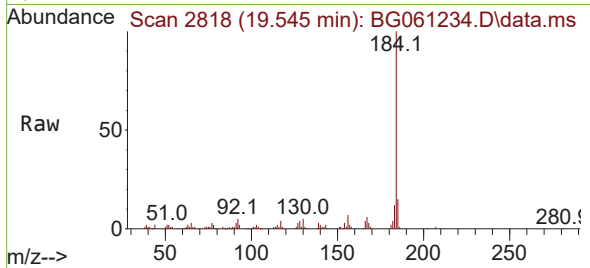
PB160948BS

Tgt Ion:184 Resp: 100782
Ion Ratio Lower Upper
184 100
185 15.0 12.0 18.0
183 12.3 10.9 16.3

Manual Integrations

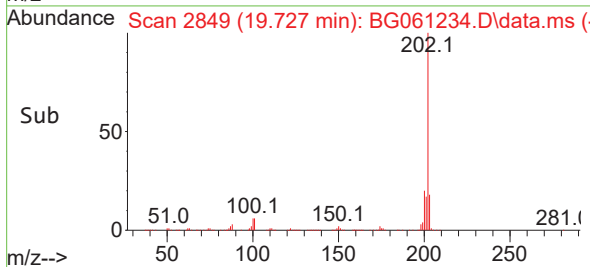
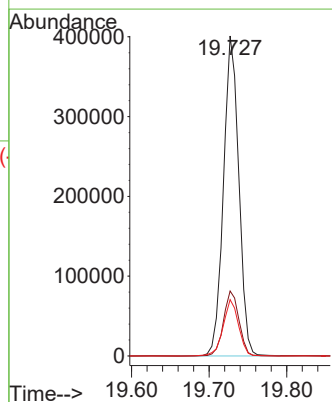
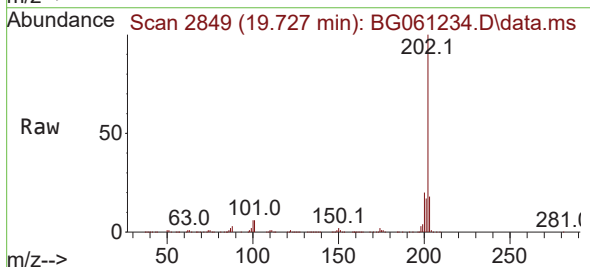
APPROVED

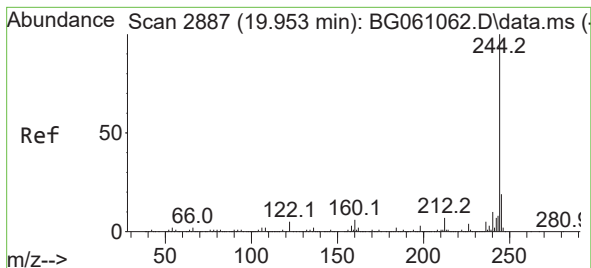
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#78
Pyrene
Concen: 43.428 ng
RT: 19.727 min Scan# 2849
Delta R.T. -0.021 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Tgt Ion:202 Resp: 551268
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.4
203 17.6 13.3 19.9





#79

Terphenyl-d14

Concen: 83.133 ng

RT: 19.927 min Scan# 21

Delta R.T. -0.027 min

Lab File: BG061234.D

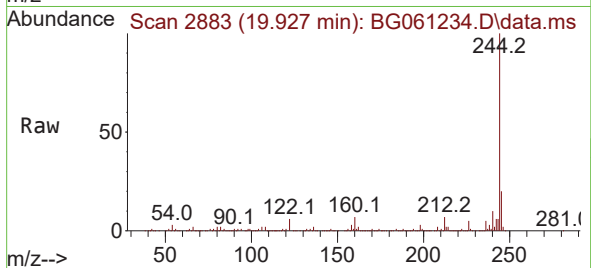
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160948BS



Tgt Ion:244 Resp: 99803

Ion Ratio Lower Upper

244 100

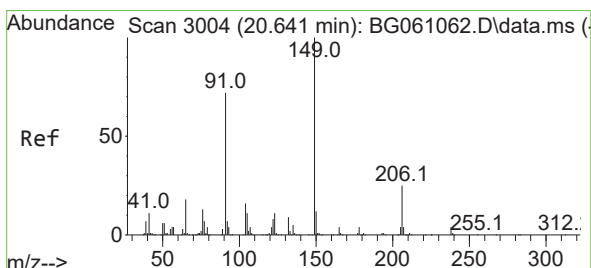
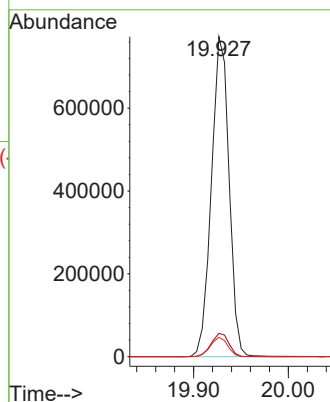
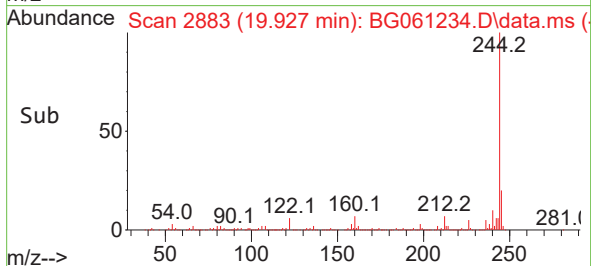
212 7.3 5.7 8.5

122 6.1 4.2 6.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#80

Butylbenzylphthalate

Concen: 46.550 ng

RT: 20.614 min Scan# 3000

Delta R.T. -0.026 min

Lab File: BG061234.D

Acq: 17 May 2024 11:42

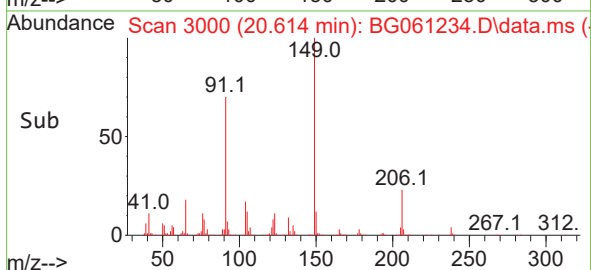
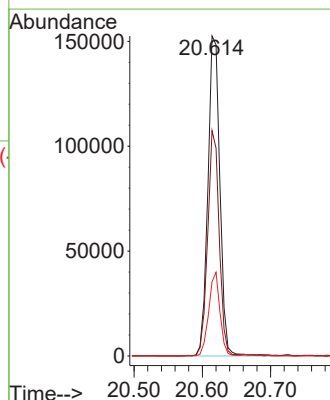
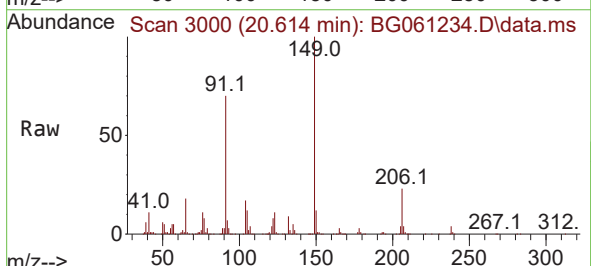
Tgt Ion:149 Resp: 187044

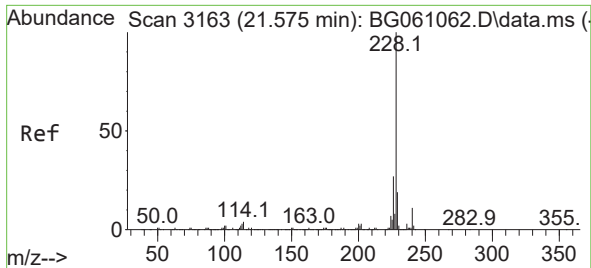
Ion Ratio Lower Upper

149 100

91 70.4 57.4 86.2

206 23.2 19.8 29.6





#81
Benzo(a)anthracene
Concen: 44.018 ng
RT: 21.554 min Scan# 3160
Delta R.T. -0.021 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

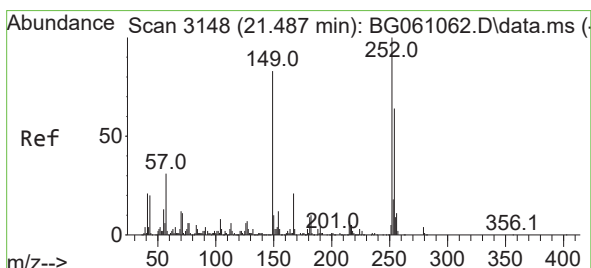
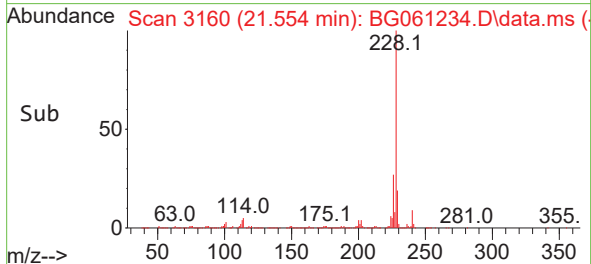
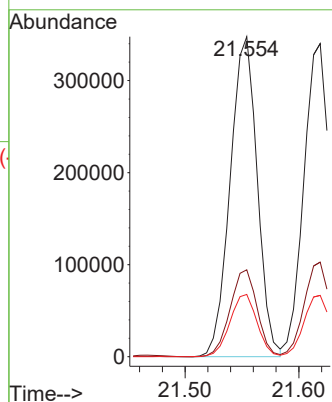
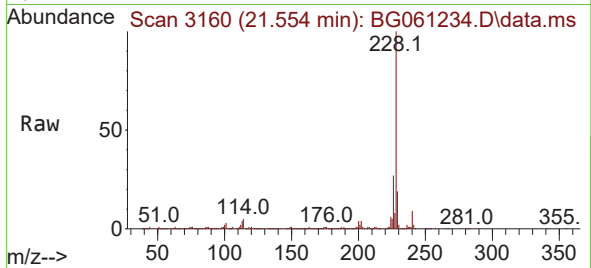
ClientSampleId :

PB160948BS

Tgt Ion:228 Resp: 57512
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 19.5 15.0 22.4

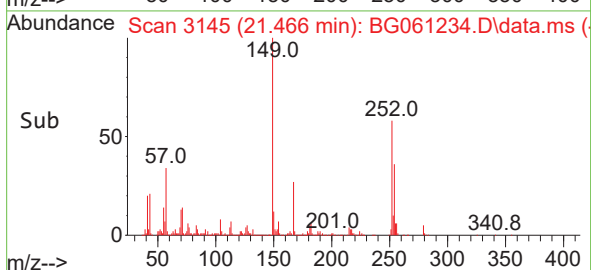
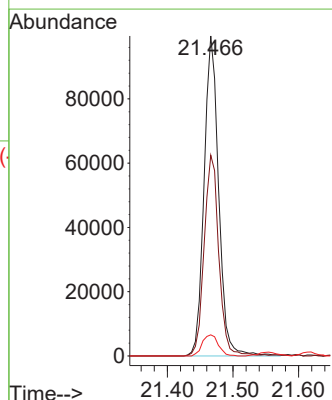
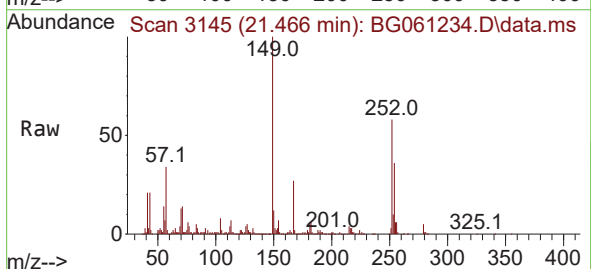
Manual Integrations
APPROVED

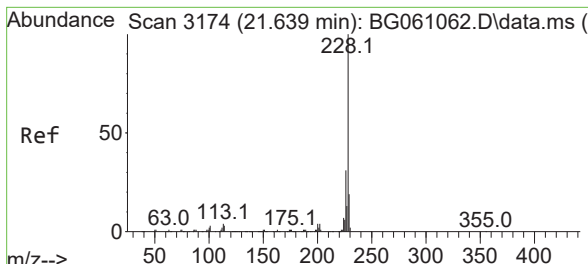
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#82
3,3'-Dichlorobenzidine
Concen: 32.851 ng
RT: 21.466 min Scan# 3145
Delta R.T. -0.021 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Tgt Ion:252 Resp: 154463
Ion Ratio Lower Upper
252 100
254 62.8 51.3 76.9
126 6.6 5.2 7.8





#83
 Chrysene
 Concen: 44.935 ng
 RT: 21.619 min Scan# 3174
 Delta R.T. -0.021 min
 Lab File: BG061234.D
 Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

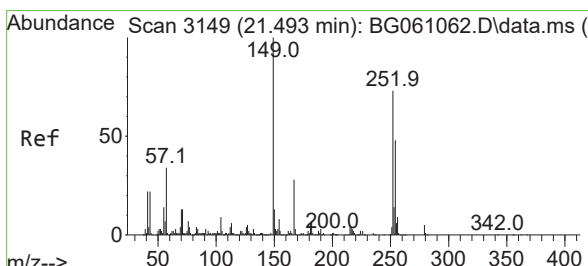
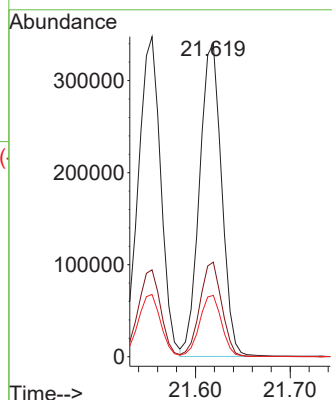
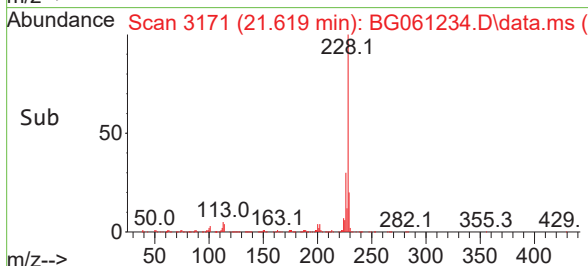
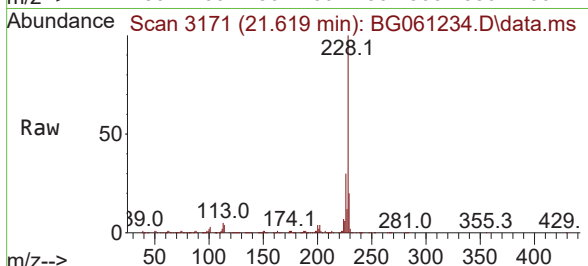
PB160948BS

Tgt Ion:228 Resp: 550048
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.4 36.6
 229 19.6 14.8 22.2

Manual Integrations

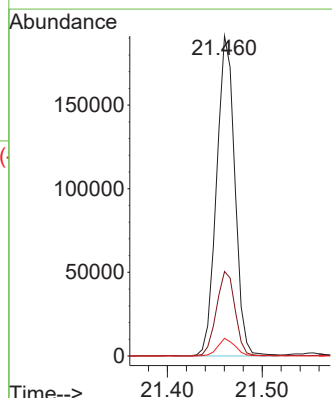
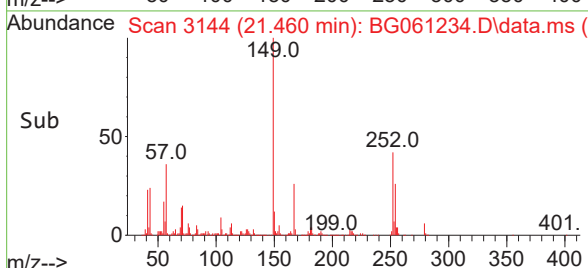
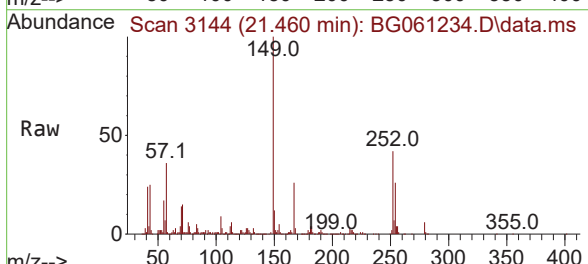
APPROVED

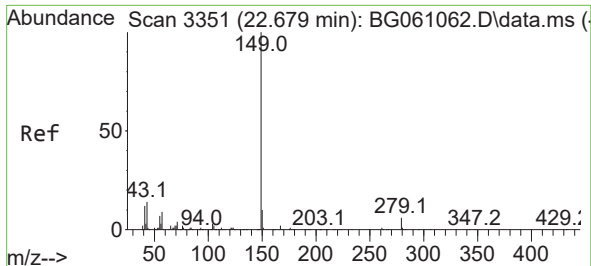
Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.906 ng
 RT: 21.460 min Scan# 3144
 Delta R.T. -0.032 min
 Lab File: BG061234.D
 Acq: 17 May 2024 11:42

Tgt Ion:149 Resp: 256609
 Ion Ratio Lower Upper
 149 100
 167 26.4 22.1 33.1
 279 5.5 4.1 6.1





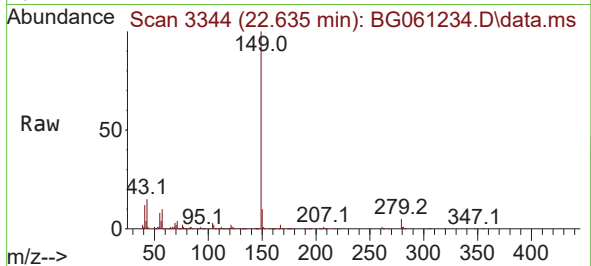
#85
Di-n-octyl phthalate
Concen: 47.187 ng
RT: 22.635 min Scan# 31
Delta R.T. -0.044 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160948BS

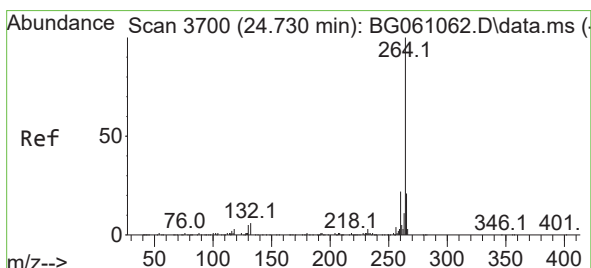
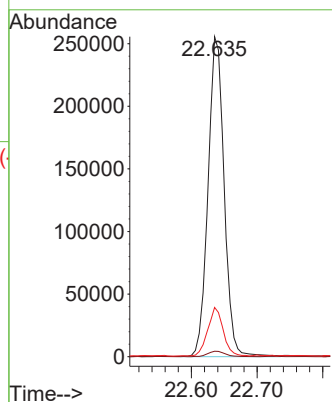
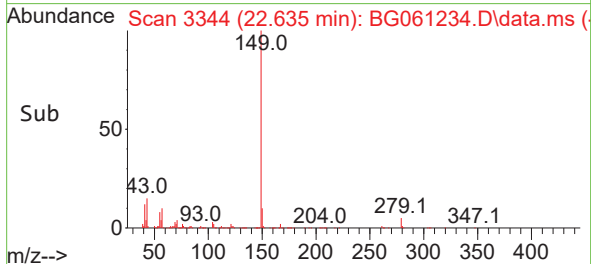


Tgt Ion:149 Resp: 436820
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 14.6 10.6 15.8

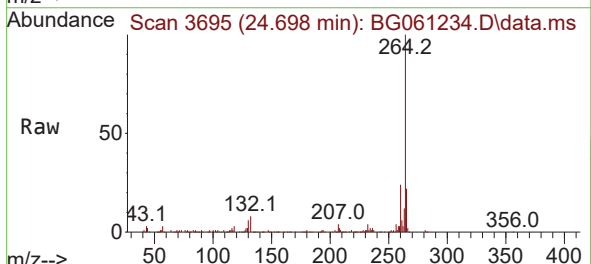
Manual Integrations

APPROVED

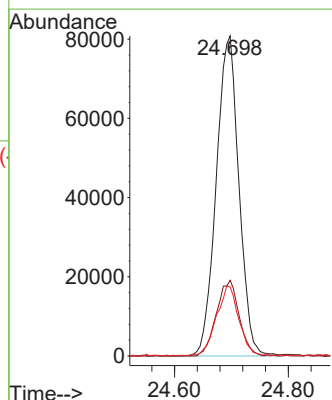
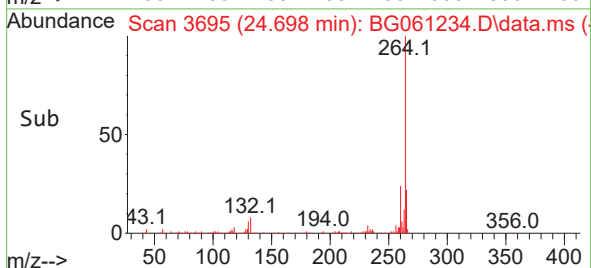
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

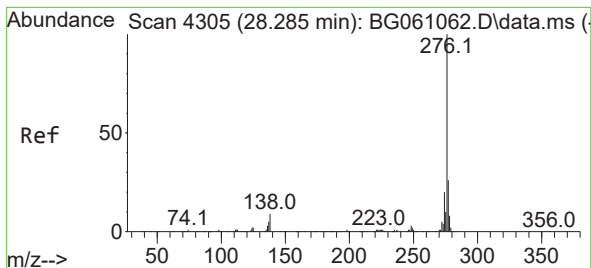


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.698 min Scan# 3695
Delta R.T. -0.032 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42



Tgt Ion:264 Resp: 223881
Ion Ratio Lower Upper
264 100
260 23.6 17.7 26.5
265 21.6 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.040 ng

RT: 28.252 min Scan# 41

Delta R.T. -0.032 min

Lab File: BG061234.D

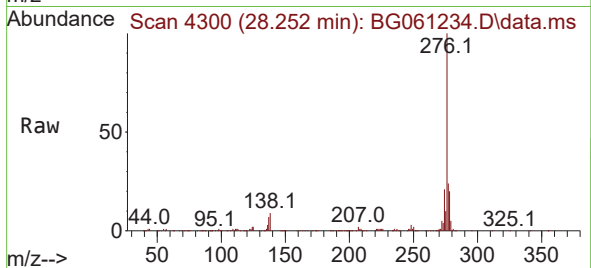
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160948BS



Tgt Ion:276 Resp: 69793

Ion Ratio Lower Upper

276 100

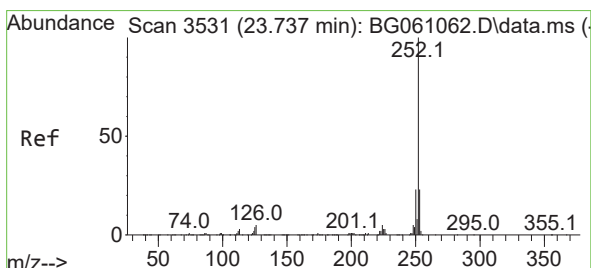
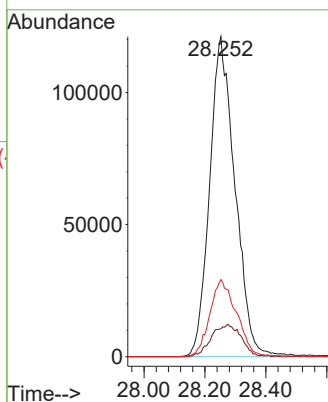
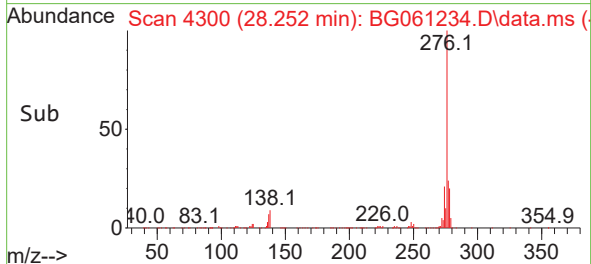
138 0.0 5.1 7.7

277 25.5 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#88

Benzo(b)fluoranthene

Concen: 45.055 ng

RT: 23.705 min Scan# 3526

Delta R.T. -0.032 min

Lab File: BG061234.D

Acq: 17 May 2024 11:42

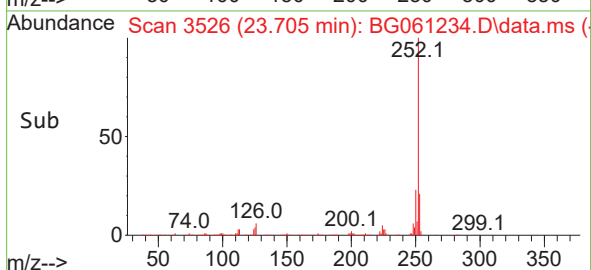
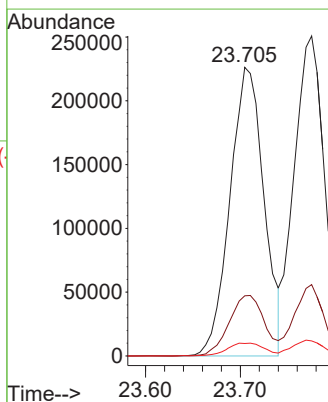
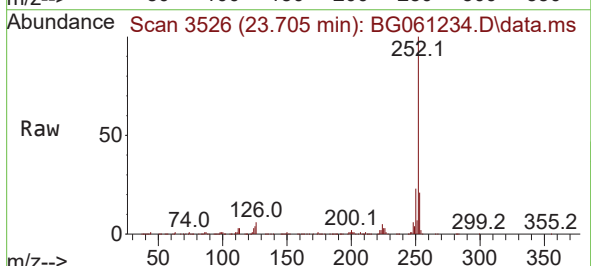
Tgt Ion:252 Resp: 563658

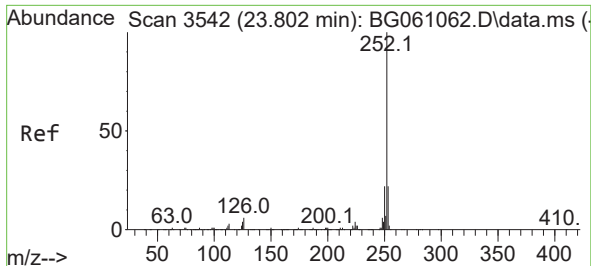
Ion Ratio Lower Upper

252 100

253 20.9 18.2 27.2

125 4.3 3.4 5.0





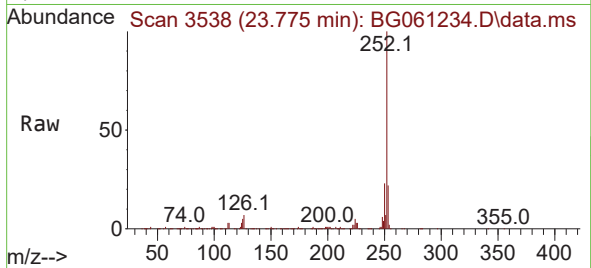
#89
Benzo(k)fluoranthene
Concen: 46.646 ng
RT: 23.775 min Scan# 3542
Delta R.T. -0.027 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

Instrument :

BNA_G

ClientSampleId :

PB160948BS

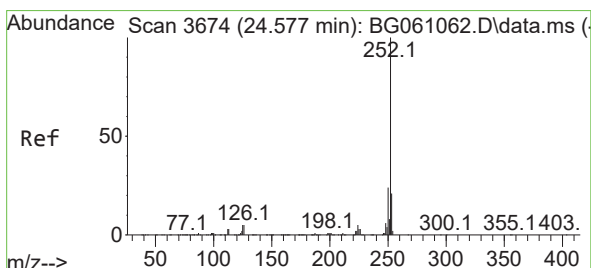
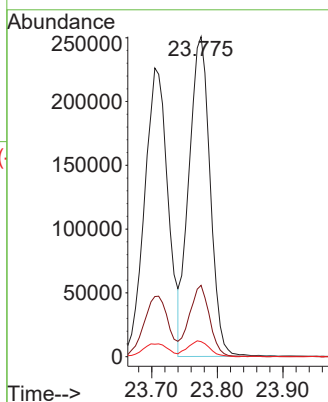
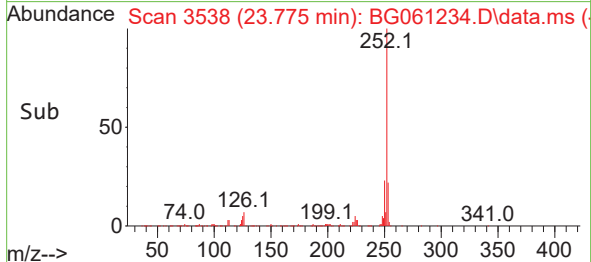


Tgt Ion:252 Resp: 561410
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 4.7 3.2 4.8

Manual Integrations

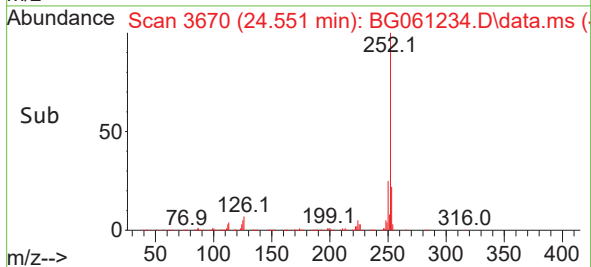
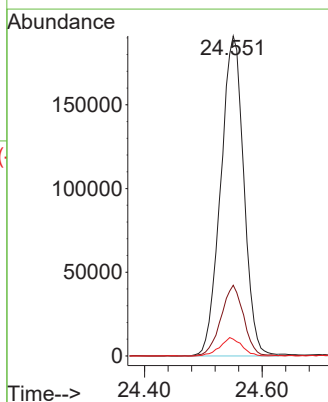
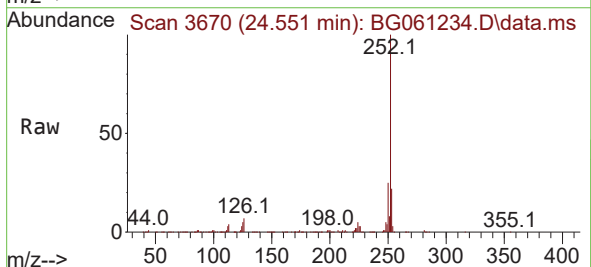
APPROVED

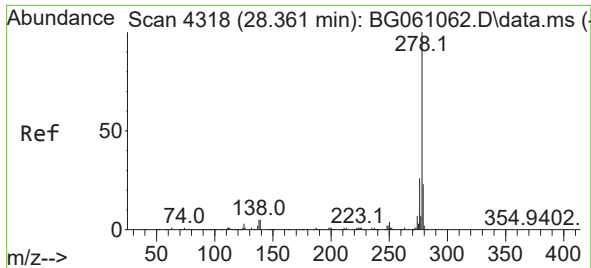
Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024



#90
Benzo(a)pyrene
Concen: 47.676 ng
RT: 24.551 min Scan# 3670
Delta R.T. -0.027 min
Lab File: BG061234.D
Acq: 17 May 2024 11:42

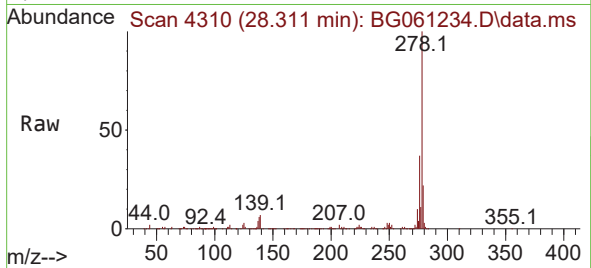
Tgt Ion:252 Resp: 519633
Ion Ratio Lower Upper
252 100
253 22.1 16.9 25.3
125 5.2 3.8 5.8





#91
 Dibenzo(a,h)anthracene
 Concen: 46.408 ng
 RT: 28.311 min Scan# 41
 Delta R.T. -0.050 min
 Lab File: BG061234.D
 Acq: 17 May 2024 11:42

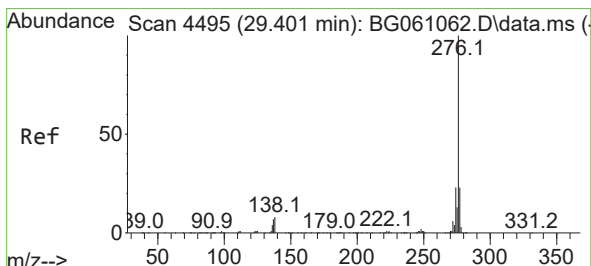
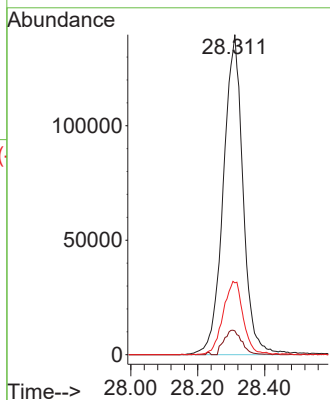
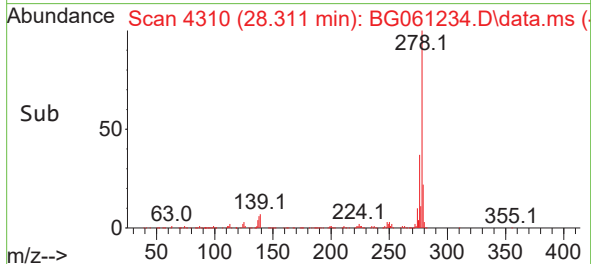
Instrument :
 BNA_G
 ClientSampleId :
 PB160948BS



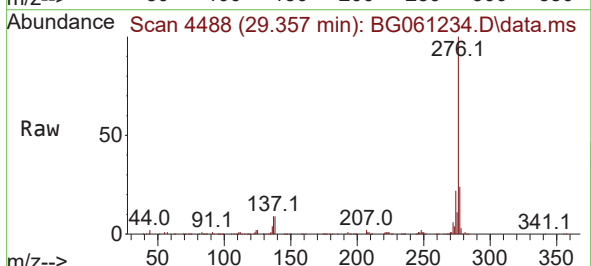
Tgt Ion:278 Resp: 570224
 Ion Ratio Lower Upper
 278 100
 139 7.4 4.2 6.2
 279 22.5 18.0 27.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/20/2024
 Supervised By :mohammad ahmed 05/22/2024



#92
 Benzo(g,h,i)perylene
 Concen: 43.421 ng
 RT: 29.357 min Scan# 4488
 Delta R.T. -0.044 min
 Lab File: BG061234.D
 Acq: 17 May 2024 11:42



Tgt Ion:276 Resp: 530185
 Ion Ratio Lower Upper
 276 100
 277 24.3 18.2 27.4
 138 9.1 6.2 9.2

