

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122123\
 Data File : BG060121.D
 Acq On : 21 Dec 2023 14:06
 Operator : MA/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/22/2023

Quant Time: Dec 22 03:35:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:23:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	98973	20.000	ng	# 0.00
21) Naphthalene-d8	10.746	136	485417	20.000	ng	# 0.00
39) Acenaphthene-d10	14.583	164	393576	20.000	ng	0.00
64) Phenanthrene-d10	17.326	188	1099247	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1197460	20.000	ng	0.00
86) Perylene-d12	24.771	264	962571	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	60555	9.641	ng	0.00
7) Phenol-d6	7.103	99	94611	8.950	ng	0.00
23) Nitrobenzene-d5	9.101	82	96965	9.786	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	51349	9.690	ng	0.00
45) 2-Fluorobiphenyl	13.202	172	290766	11.093	ng	0.00
79) Terphenyl-d14	19.947	244	759152	11.472	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.419	88	12994	4.940	ng	93
3) Pyridine	3.825	79	42460m	5.026	ng	
4) n-Nitrosodimethylamine	3.736	42	20258m	5.286	ng	
6) Aniline	7.268	93	50302	4.557	ng	91
8) 2-Chlorophenol	7.509	128	31340	4.503	ng	96
9) Benzaldehyde	7.086	77	34268	5.844	ng	94
10) Phenol	7.133	94	46803m	4.431	ng	
11) bis(2-Chloroethyl)ether	7.362	93	41562	5.012	ng	94
12) 1,3-Dichlorobenzene	7.832	146	37614m	4.836	ng	
13) 1,4-Dichlorobenzene	7.979	146	40760	5.066	ng	97
14) 1,2-Dichlorobenzene	8.302	146	40323	4.977	ng	96
15) Benzyl Alcohol	8.184	79	34441	4.438	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.472	45	79429	5.149	ng	98
17) 2-Methylphenol	8.390	107	32986	4.501	ng	# 93
18) Hexachloroethane	9.024	117	13343	4.997	ng	# 79
19) n-Nitroso-di-n-propyla...	8.742	70	39856	4.849	ng	# 97
20) 3+4-Methylphenols	8.707	107	46975	4.465	ng	97
22) Acetophenone	8.766	105	64937	4.690	ng	# 94
24) Nitrobenzene	9.142	77	47308	4.620	ng	91
25) Isophorone	9.665	82	133888	5.544	ng	# 94
26) 2-Nitrophenol	9.859	139	17049	4.203	ng	# 93
27) 2,4-Dimethylphenol	9.917	122	26269	4.705	ng	89
28) bis(2-Chloroethoxy)met...	10.153	93	63999	5.047	ng	96
29) 2,4-Dichlorophenol	10.393	162	35903	4.311	ng	89
30) 1,2,4-Trichlorobenzene	10.605	180	43280	4.841	ng	# 95
31) Naphthalene	10.799	128	127461	4.932	ng	97
33) 4-Chloroaniline	10.905	127	51950	4.652	ng	91
34) Hexachlorobutadiene	11.081	225	24011	4.810	ng	86
35) Caprolactam	11.645	113	21562m	4.956	ng	
36) 4-Chloro-3-methylphenol	12.027	107	47676	4.775	ng	97
37) 2-Methylnaphthalene	12.403	142	98530	4.913	ng	95
38) 1-Methylnaphthalene	12.620	142	99847	4.960	ng	92
40) 1,2,4,5-Tetrachloroben...	12.773	216	52270	5.072	ng	99
41) Hexachlorocyclopentadiene	12.749	237	14919	4.279	ng	98
43) 2,4,6-Trichlorophenol	13.008	196	36978	4.810	ng	97
44) 2,4,5-Trichlorophenol	13.084	196	44854	5.144	ng	# 92

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Manual Integrations

APPROVED

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Quant Time: Dec 22 03:35:41 2023

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 22 03:23:04 2023

Response via : Initial Calibration

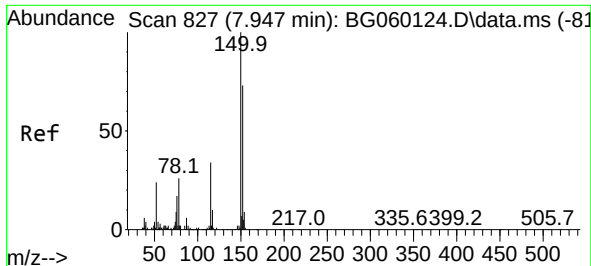
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.413	154	156027	5.456	ng	97
47) 2-Chloronaphthalene	13.455	162	121168	5.167	ng	93
48) 2-Nitroaniline	13.654	65	36613	4.786	ng	# 84
49) Acenaphthylene	14.301	152	183500	5.006	ng	98
50) Dimethylphthalate	14.030	163	195488	5.647	ng	# 93
51) 2,6-Dinitrotoluene	14.148	165	30592	4.418	ng	91
52) Acenaphthene	14.641	154	116192	5.155	ng	95
53) 3-Nitroaniline	14.483	138	32695	4.444	ng	97
55) Dibenzofuran	14.976	168	201073	5.296	ng	98
56) 4-Nitrophenol	14.788	139	25355	4.151	ng	86
57) 2,4-Dinitrotoluene	14.935	165	42968	4.227	ng	# 85
58) Fluorene	15.628	166	166986	5.199	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.205	232	37662	4.810	ng	# 90
60) Diethylphthalate	15.393	149	210331	5.625	ng	99
61) 4-Chlorophenyl-phenyle...	15.623	204	79833	5.213	ng	94
62) 4-Nitroaniline	15.646	138	39513m	4.575	ng	
63) Azobenzene	15.910	77	174229	5.220	ng	94
65) 4,6-Dinitro-2-methylph...	15.699	198	19486	3.276	ng	# 75
66) n-Nitrosodiphenylamine	15.834	169	145794	5.028	ng	99
67) 4-Bromophenyl-phenylether	16.516	248	54044	5.219	ng	96
68) Hexachlorobenzene	16.633	284	59639	5.029	ng	95
69) Atrazine	16.780	200	69824	6.471	ng	98
70) Pentachlorophenol	16.974	266	30380m	4.138	ng	
71) Phenanthrene	17.368	178	308715	5.574	ng	95
72) Anthracene	17.462	178	297424	5.334	ng	96
73) Carbazole	17.732	167	321820	5.437	ng	98
74) Di-n-butylphthalate	18.290	149	423854	6.039	ng	96
75) Fluoranthene	19.383	202	423800	5.829	ng	93
77) Benzidine	19.565	184	182764	5.645	ng	98
78) Pyrene	19.747	202	458320	5.014	ng	# 90
80) Butylbenzylphthalate	20.634	149	132342	4.320	ng	98
81) Benzo(a)anthracene	21.574	228	443418	5.573	ng	94
82) 3,3'-Dichlorobenzidine	21.492	252	119022	5.046	ng	99
83) Chrysene	21.639	228	411515	5.509	ng	97
84) Bis(2-ethylhexyl)phtha...	21.486	149	187615	4.595	ng	# 95
85) Di-n-octyl phthalate	22.679	149	309597	4.550	ng	96
87) Indeno(1,2,3-cd)pyrene	28.378	276	338606	5.040	ng	# 92
88) Benzo(b)fluoranthene	23.754	252	330072	5.423	ng	99
89) Benzo(k)fluoranthene	23.819	252	331965	5.565	ng	97
90) Benzo(a)pyrene	24.618	252	278753	5.198	ng	96
91) Dibenzo(a,h)anthracene	28.455	278	277538	5.002	ng	98
92) Benzo(g,h,i)perylene	29.506	276	291310	5.198	ng	# 90

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

Manual Integrations

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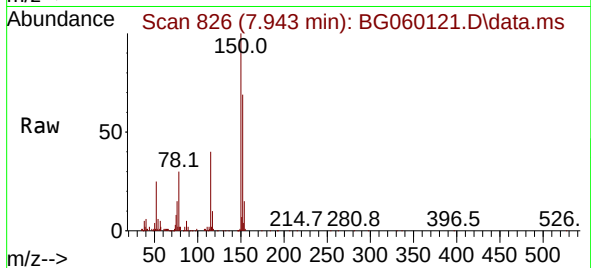
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.943 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

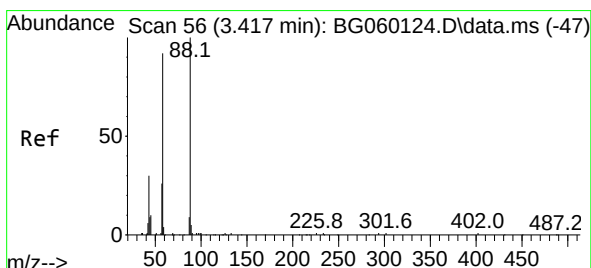
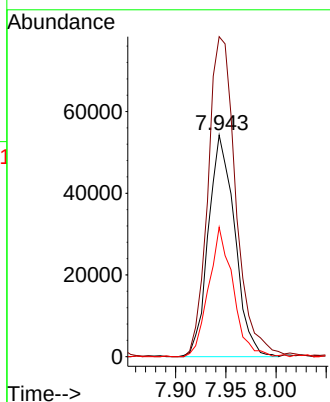
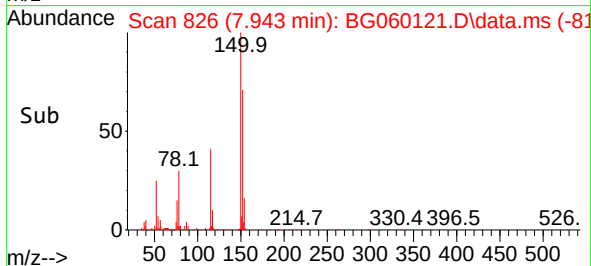


Tgt Ion:152 Resp: 9897
Ion Ratio Lower Upper
152 100
150 144.4 109.4 164.0
115 58.4 36.5 54.7

Manual Integrations

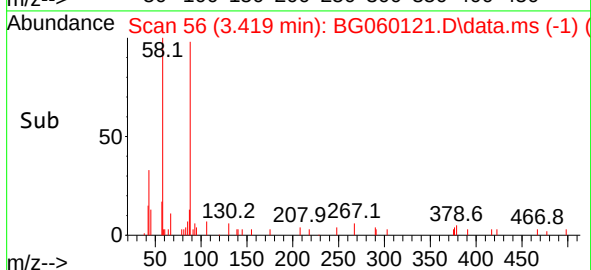
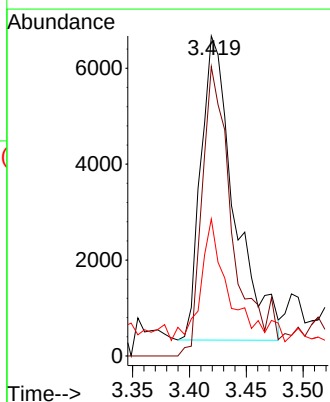
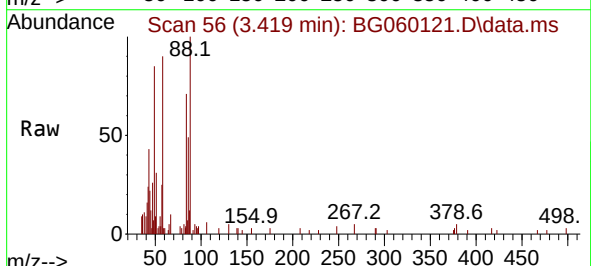
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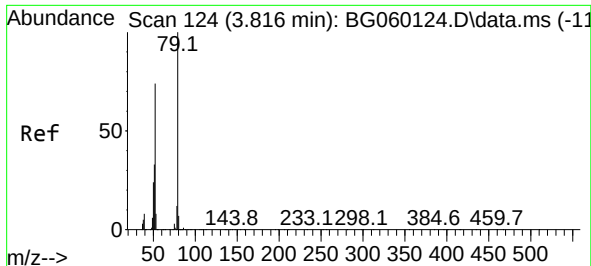
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#2
1,4-Dioxane
Concen: 4.940 ng
RT: 3.419 min Scan# 56
Delta R.T. 0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

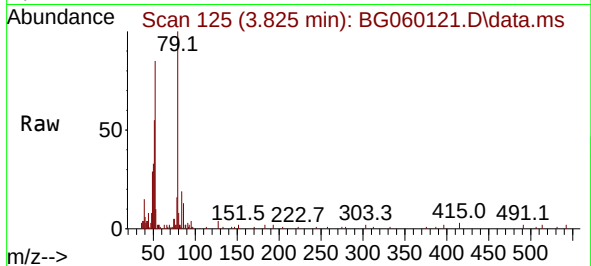
Tgt Ion: 88 Resp: 12994
Ion Ratio Lower Upper
88 100
58 90.2 65.4 98.0
43 31.3 25.0 37.4





#3
Pyridine
Concen: 5.026 ng m
RT: 3.825 min Scan# 110
Delta R.T. 0.009 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

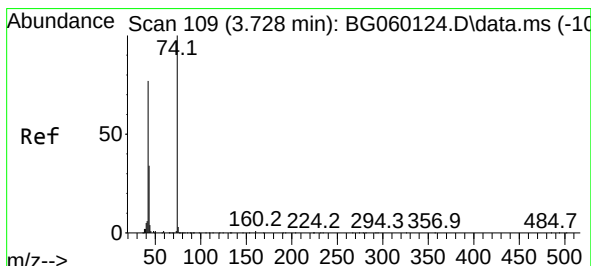
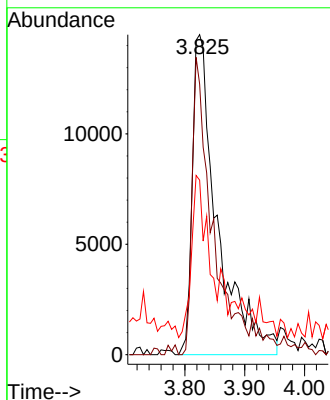
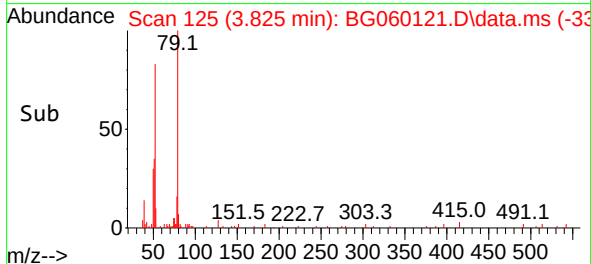
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



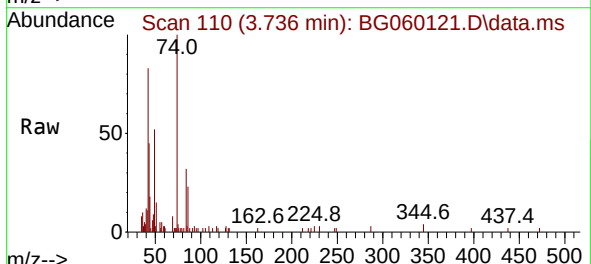
Tgt Ion: 79 Resp: 42460
Ion Ratio Lower Upper
79 100
52 84.5 59.3 88.9
51 54.5 27.0 40.6

Manual Integrations
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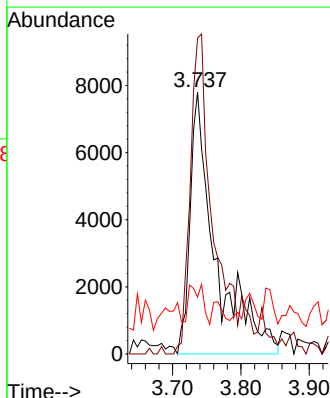
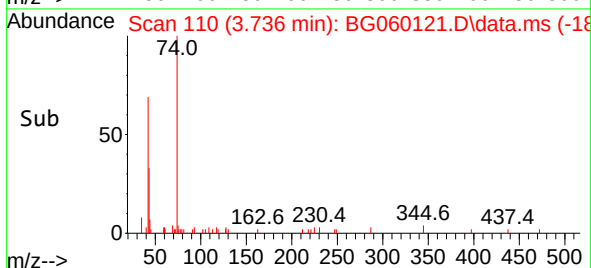
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

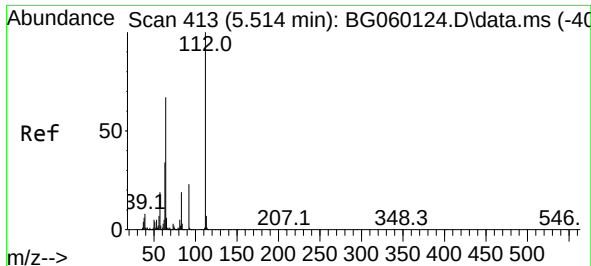


#4
n-Nitrosodimethylamine
Concen: 5.286 ng m
RT: 3.736 min Scan# 110
Delta R.T. 0.009 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06



Tgt Ion: 42 Resp: 20258
Ion Ratio Lower Upper
42 100
74 120.6 103.8 155.6
44 21.7 5.8 8.8





#5
2-Fluorophenol
Concen: 9.641 ng
RT: 5.517 min Scan# 413
Delta R.T. 0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

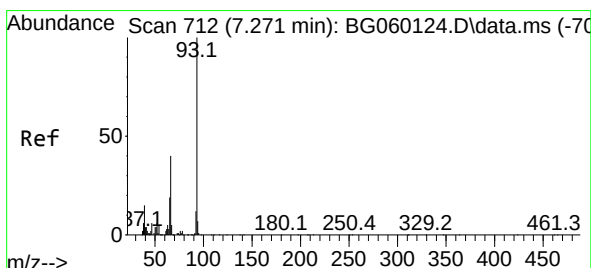
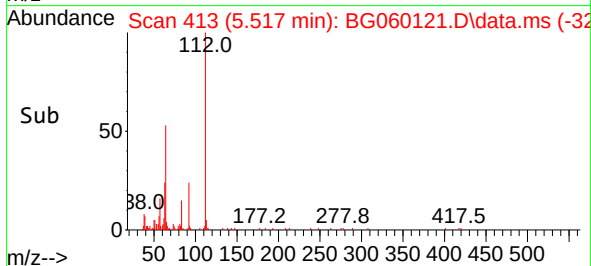
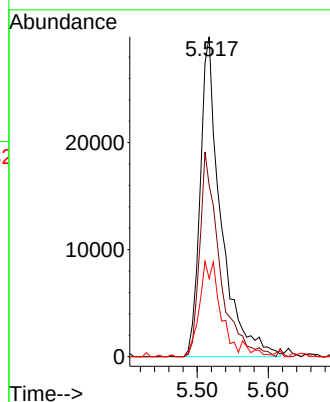
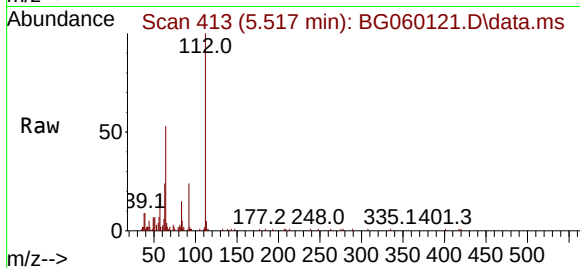
SSTDICC005

Tgt Ion:112 Resp: 6055
Ion Ratio Lower Upper
112 100
64 53.5 53.3 79.9
63 24.4 27.1 40.7

Manual Integrations

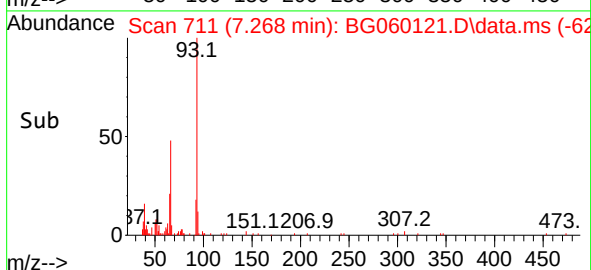
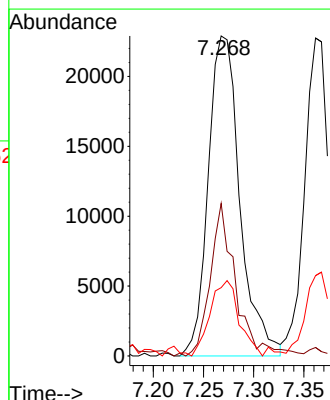
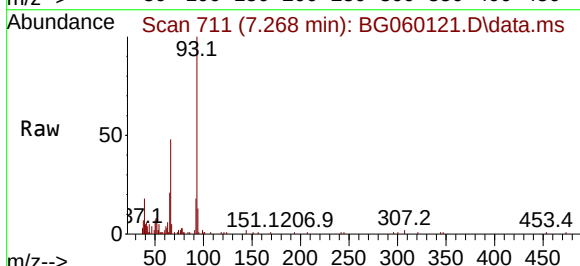
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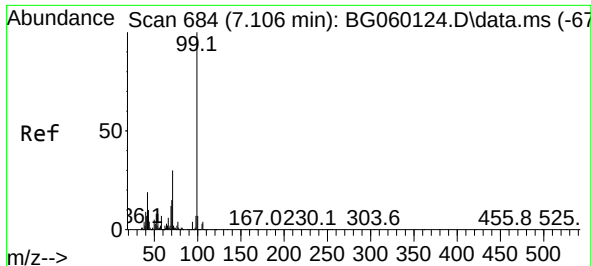
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#6
Aniline
Concen: 4.557 ng
RT: 7.268 min Scan# 711
Delta R.T. -0.003 min
Lab File: BG060121.D
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Tgt Ion: 93 Resp: 50302
Ion Ratio Lower Upper
93 100
66 47.7 32.3 48.5
65 21.3 15.7 23.5





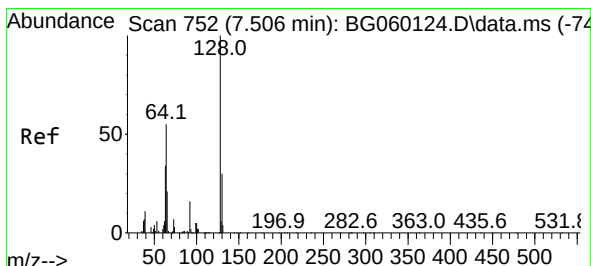
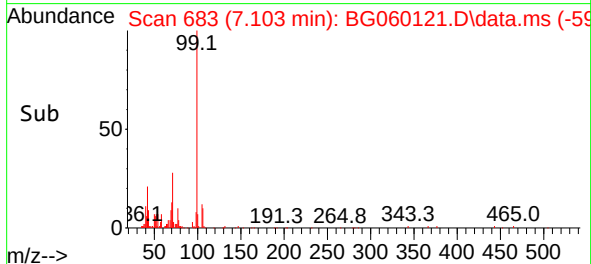
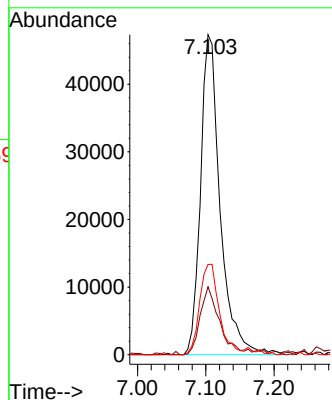
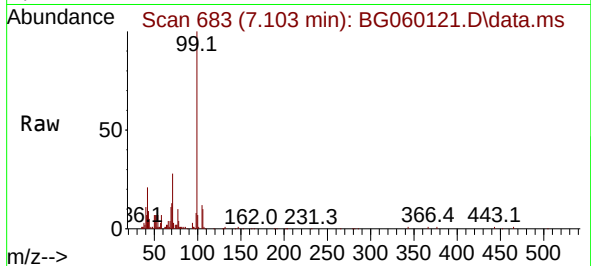
#7
Phenol-d6
Concen: 8.950 ng
RT: 7.103 min Scan# 683
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 9461
Ion Ratio Lower Upper
99 100
42 21.2 15.2 22.8
71 28.2 24.2 36.2

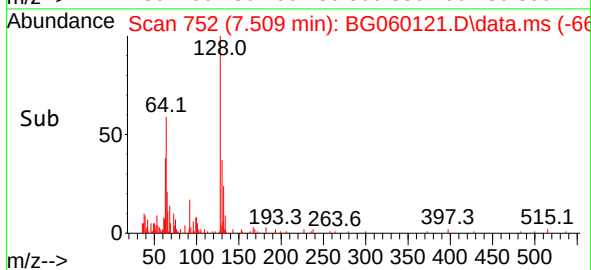
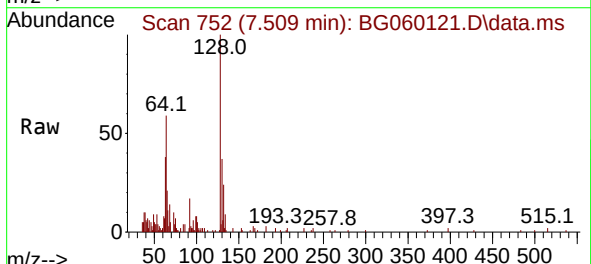
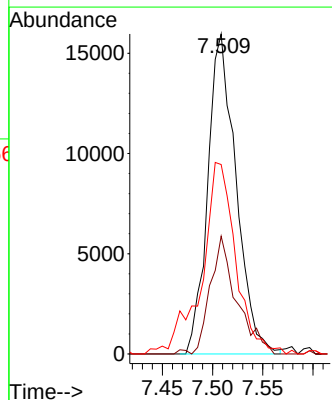
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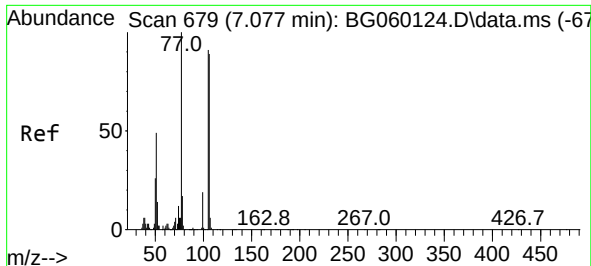
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#8
2-Chlorophenol
Concen: 4.503 ng
RT: 7.509 min Scan# 752
Delta R.T. 0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Tgt Ion:128 Resp: 31340
Ion Ratio Lower Upper
128 100
130 36.8 10.4 50.4
64 59.2 39.3 79.3





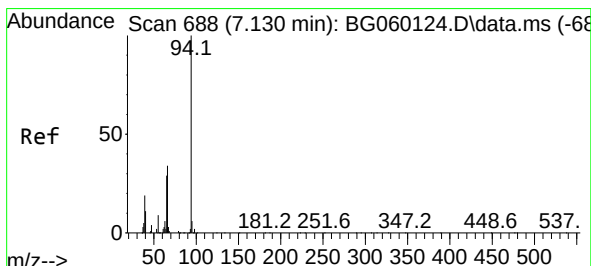
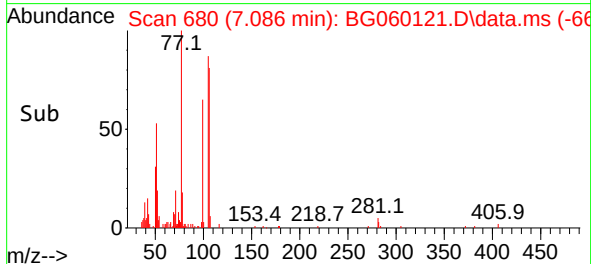
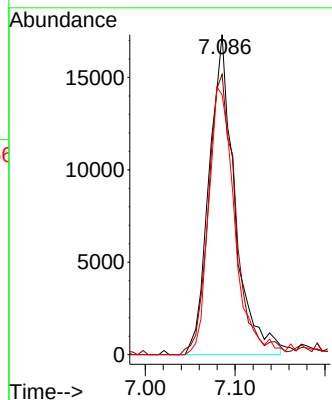
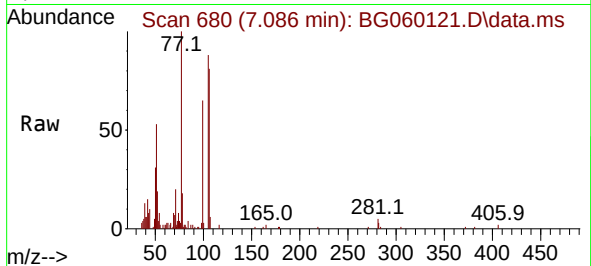
#9
Benzaldehyde
Concen: 5.844 ng
RT: 7.086 min Scan# 679
Delta R.T. 0.009 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :
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ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 3426
Ion Ratio Lower Upper
77 100
105 87.6 71.4 111.4
106 81.2 68.8 108.8

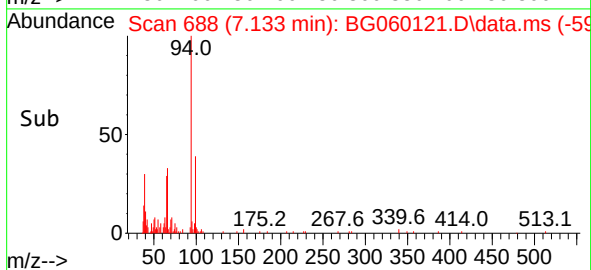
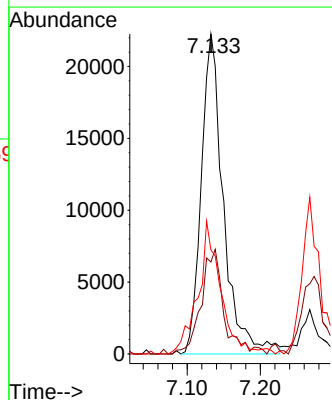
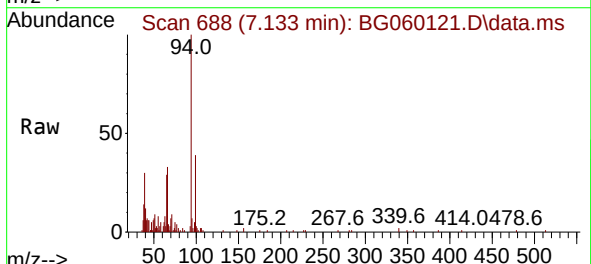
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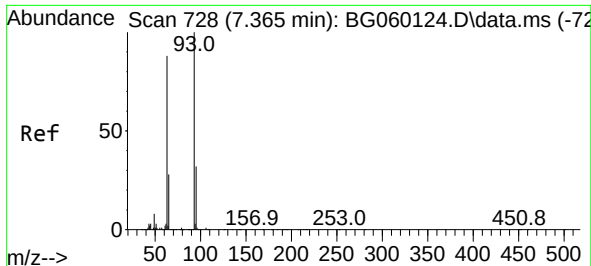
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#10
Phenol
Concen: 4.431 ng m
RT: 7.133 min Scan# 688
Delta R.T. 0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

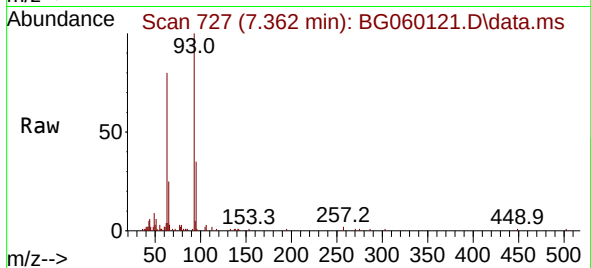
Tgt Ion: 94 Resp: 46803
Ion Ratio Lower Upper
94 100
65 28.7 9.7 49.7
66 32.5 15.7 55.7





#11
bis(2-Chloroethyl)ether
Concen: 5.012 ng
RT: 7.362 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

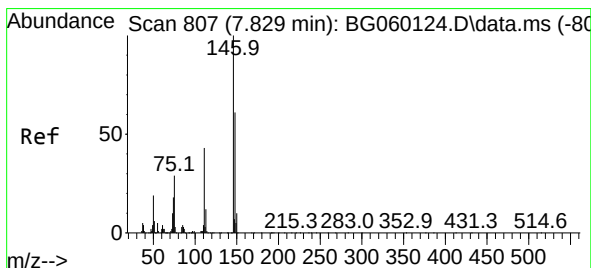
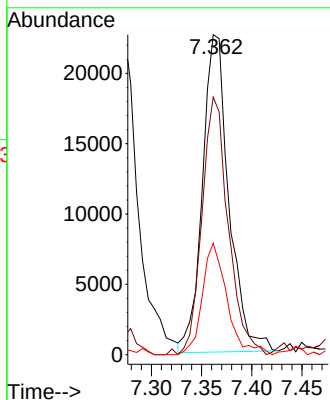
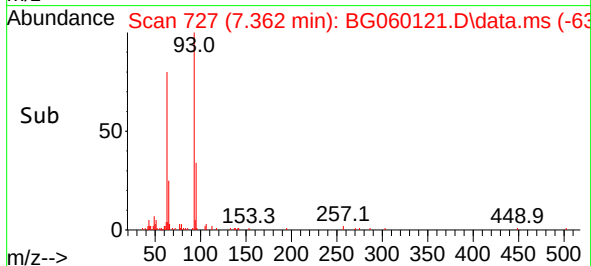
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion: 93 Resp: 41562
Ion Ratio Lower Upper
93 100
63 80.5 66.4 106.4
95 34.8 11.2 51.2

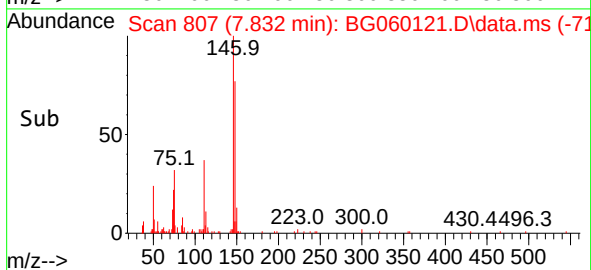
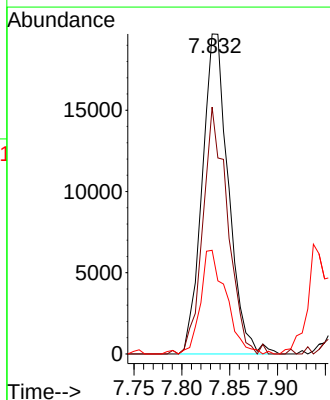
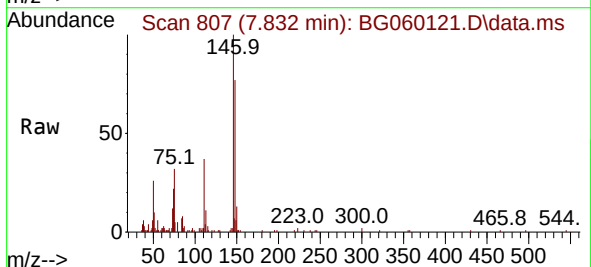
Manual Integrations
APPROVED

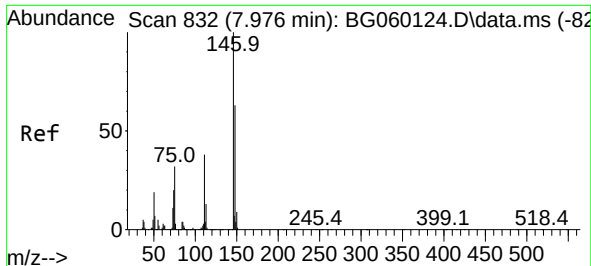
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#12
1,3-Dichlorobenzene
Concen: 4.836 ng m
RT: 7.832 min Scan# 807
Delta R.T. 0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

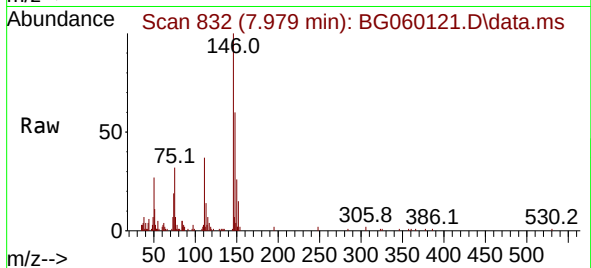
Tgt Ion:146 Resp: 37614
Ion Ratio Lower Upper
146 100
148 77.1 48.7 73.1#
75 32.4 23.4 35.2





#13
1,4-Dichlorobenzene
Concen: 5.066 ng
RT: 7.979 min Scan# 811
Delta R.T. 0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

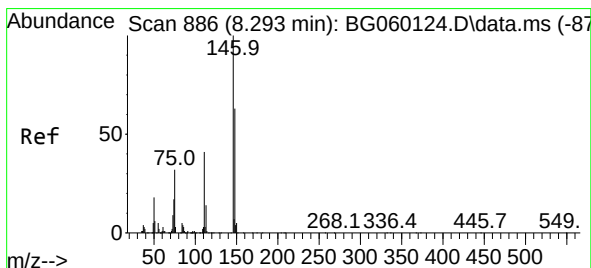
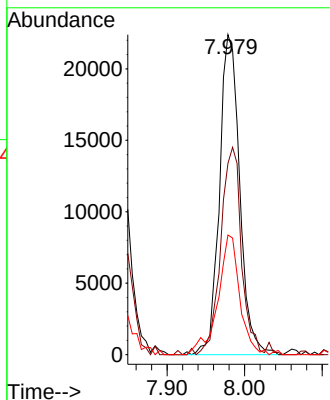
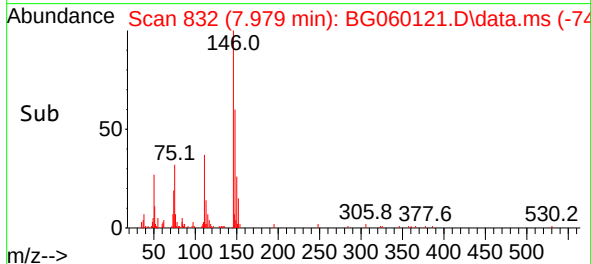
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



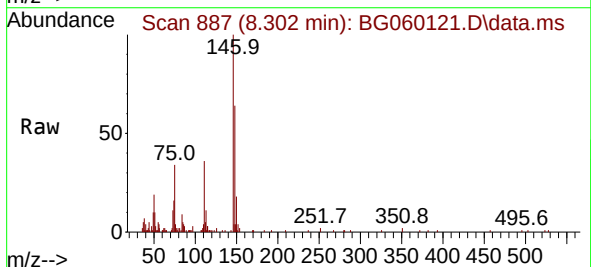
Tgt Ion:146 Resp: 40760
Ion Ratio Lower Upper
146 100
148 59.8 50.3 75.5
111 37.4 30.6 46.0

Manual Integrations
APPROVED

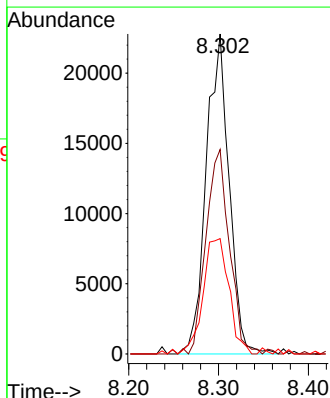
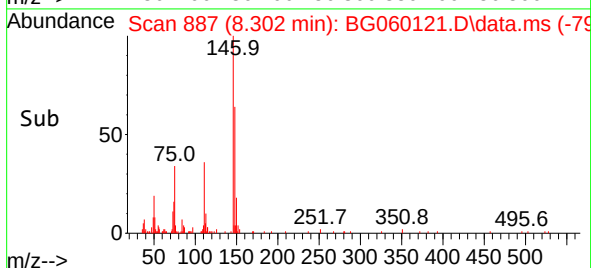
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

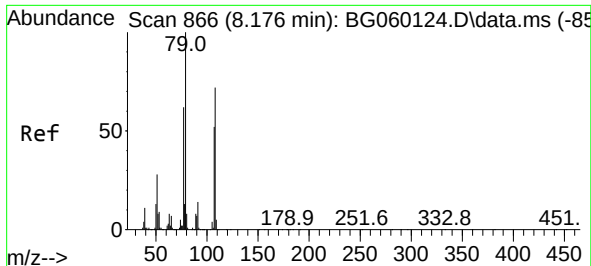


#14
1,2-Dichlorobenzene
Concen: 4.977 ng
RT: 8.302 min Scan# 887
Delta R.T. 0.009 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06



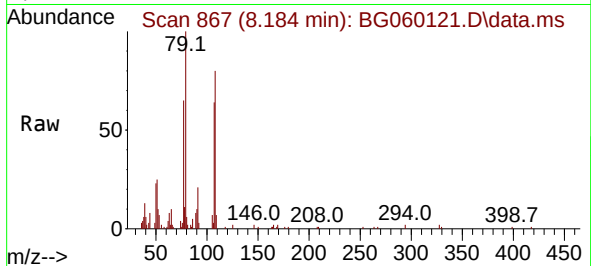
Tgt Ion:146 Resp: 40323
Ion Ratio Lower Upper
146 100
148 63.9 50.6 76.0
111 36.0 32.9 49.3





#15
Benzyl Alcohol
Concen: 4.438 ng
RT: 8.184 min Scan# 867
Delta R.T. 0.009 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

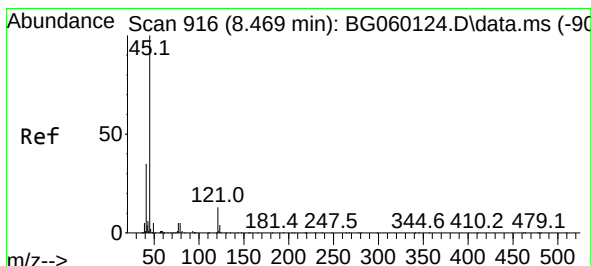
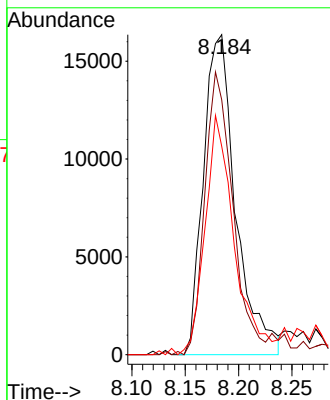
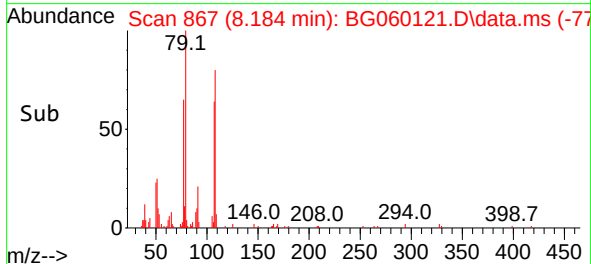
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion: 79 Resp: 3444
Ion Ratio Lower Upper
79 100
108 79.7 57.5 86.3
77 65.1 49.3 73.9

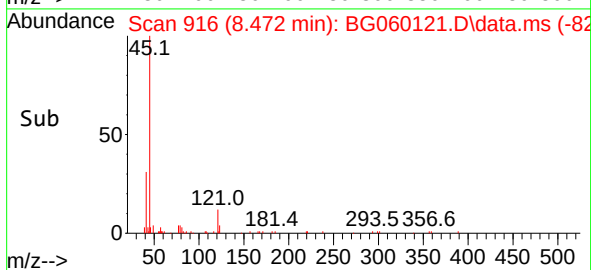
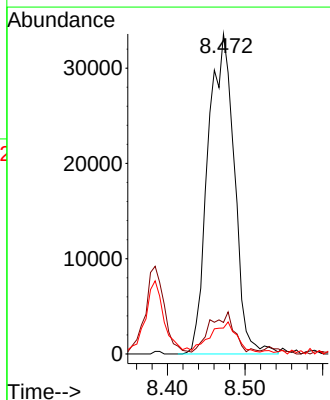
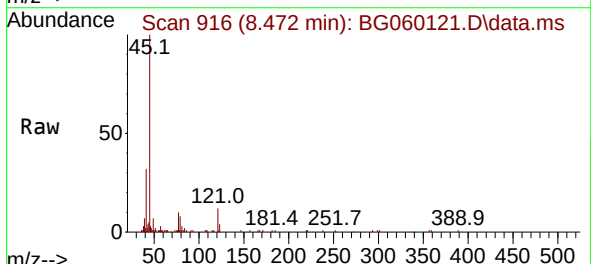
Manual Integrations
APPROVED

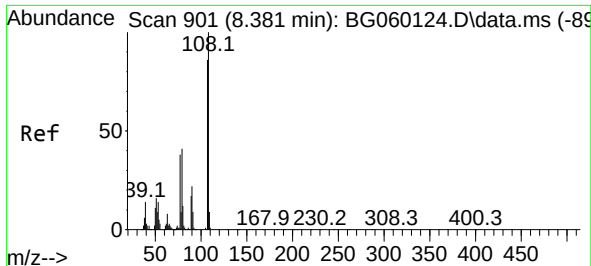
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.149 ng
RT: 8.472 min Scan# 916
Delta R.T. 0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Tgt Ion: 45 Resp: 79429
Ion Ratio Lower Upper
45 100
77 9.9 0.0 30.3
79 8.1 0.0 29.0





#17
2-Methylphenol
Concen: 4.501 ng
RT: 8.390 min Scan# 901
Delta R.T. 0.009 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

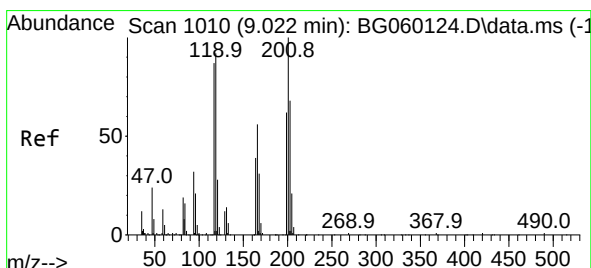
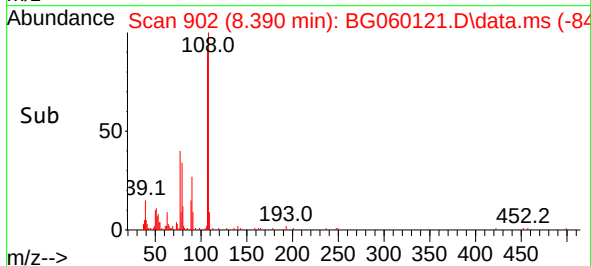
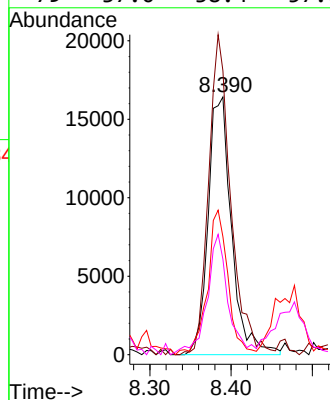
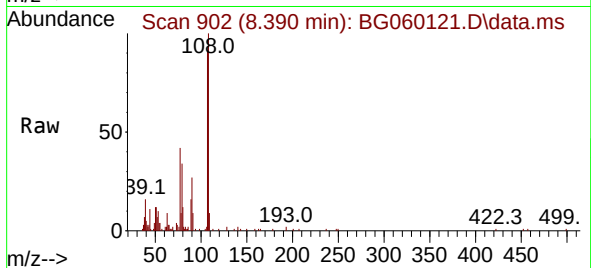
SSTDICC005

Tgt Ion:107 Resp: 32980
Ion Ratio Lower Upper
107 100
108 110.1 93.2 139.8
77 45.8 35.8 53.6
79 37.0 38.4 57.6#

Manual Integrations

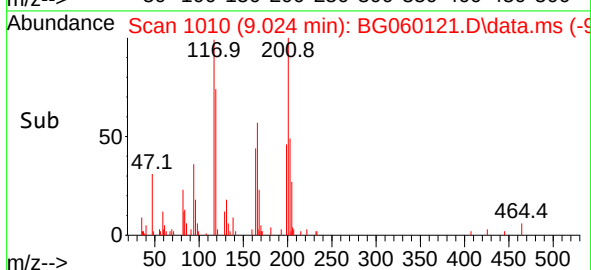
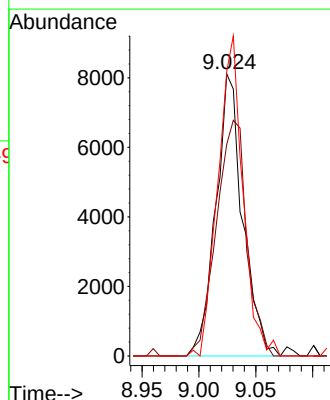
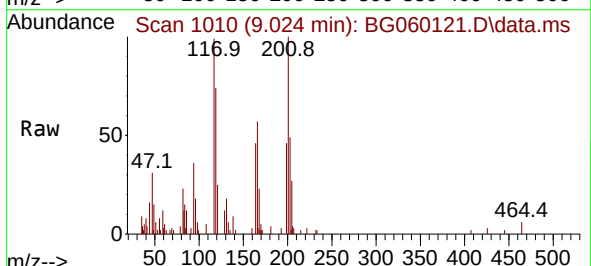
APPROVED

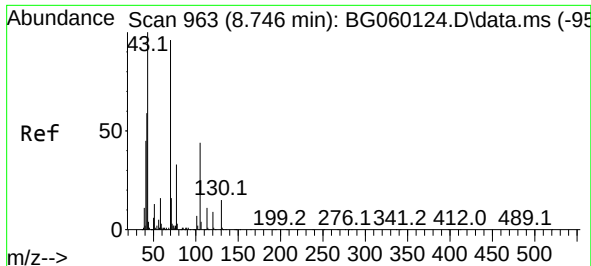
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#18
Hexachloroethane
Concen: 4.997 ng
RT: 9.024 min Scan# 1010
Delta R.T. 0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Tgt Ion:117 Resp: 13343
Ion Ratio Lower Upper
117 100
119 75.1 85.1 127.7#
201 100.9 92.5 138.7





#19

n-Nitroso-di-n-propylamine

Concen: 4.849 ng

RT: 8.742 min Scan# 90

Delta R.T. -0.003 min

Lab File: BG060121.D

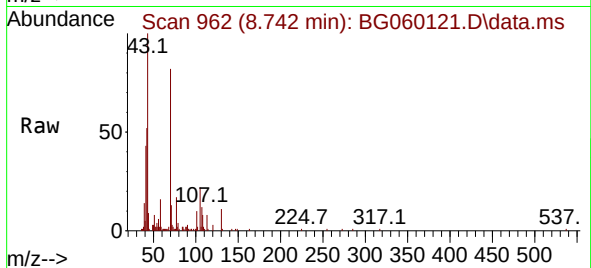
Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



Tgt Ion: 70 Resp: 3985

Ion Ratio Lower Upper

70 100

42 63.0 49.6 74.4

101 12.8 6.2 9.4

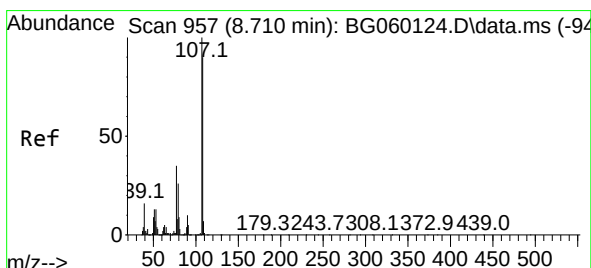
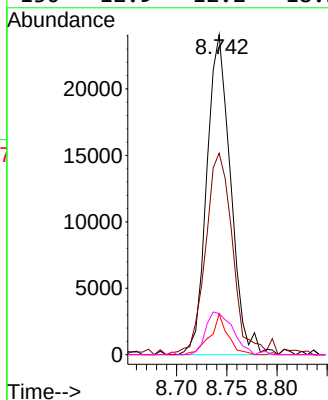
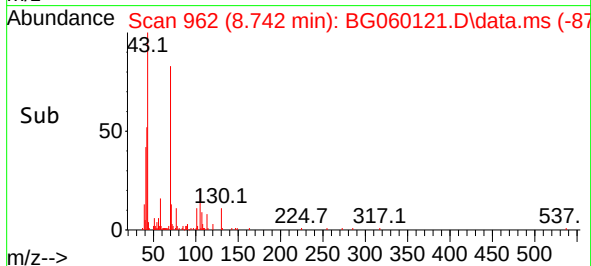
130 12.9 12.2 18.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#20

3+4-Methylphenols

Concen: 4.465 ng

RT: 8.707 min Scan# 956

Delta R.T. -0.003 min

Lab File: BG060121.D

Acq: 21 Dec 2023 14:06

Tgt Ion:107 Resp: 46975

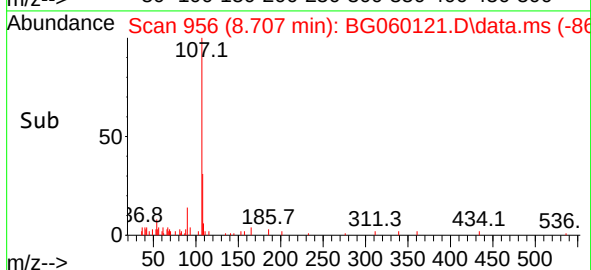
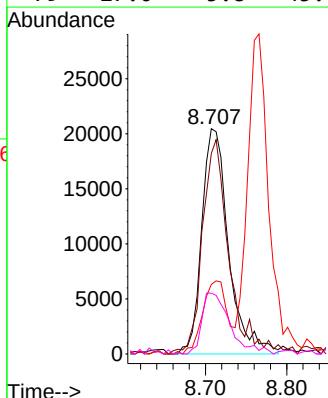
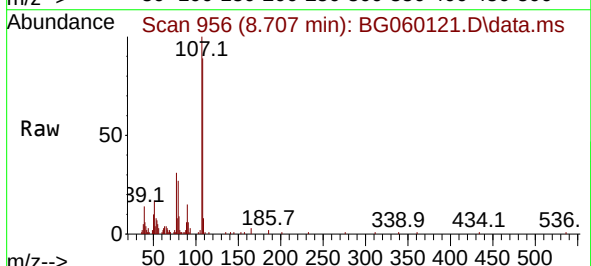
Ion Ratio Lower Upper

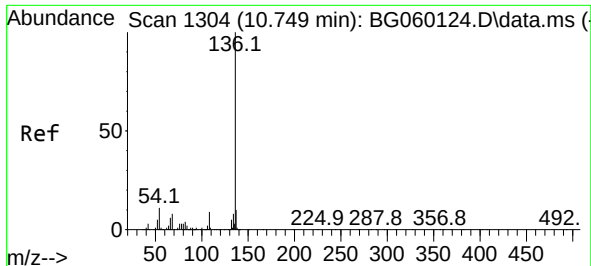
107 100

108 89.0 70.4 110.4

77 30.8 14.7 54.7

79 27.0 5.8 45.8





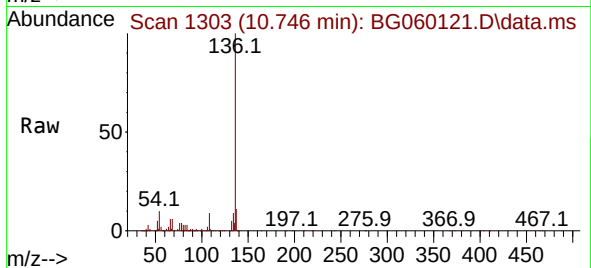
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1304
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

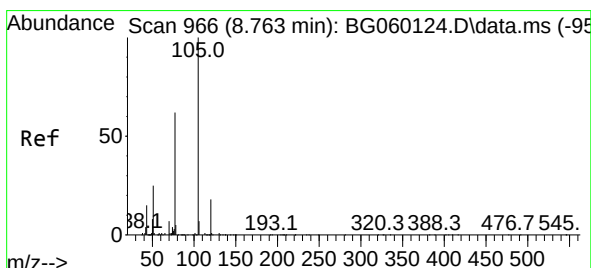
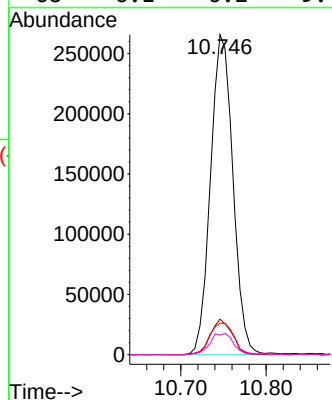
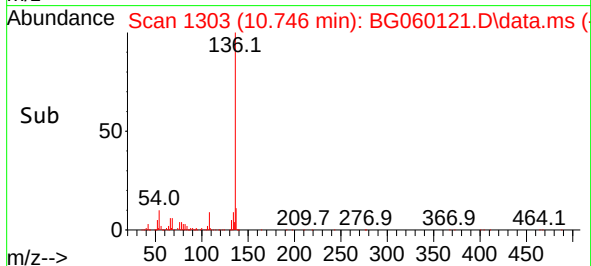


Tgt Ion:136 Resp: 485417
Ion Ratio Lower Upper
136 100
137 11.1 8.1 12.1
54 9.9 8.7 13.1
68 6.1 6.2 9.4#

Manual Integrations

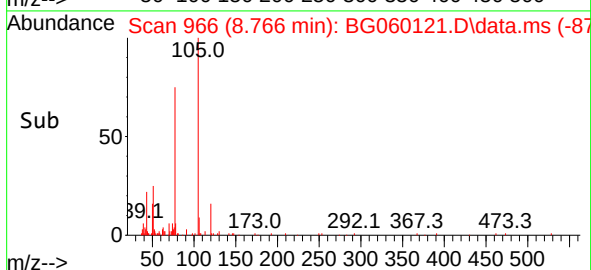
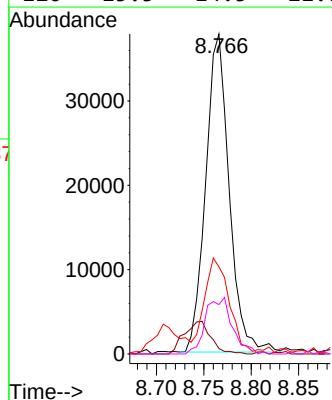
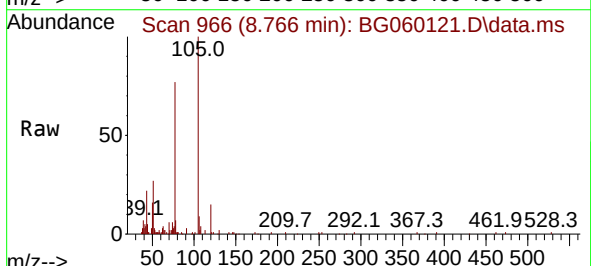
APPROVED

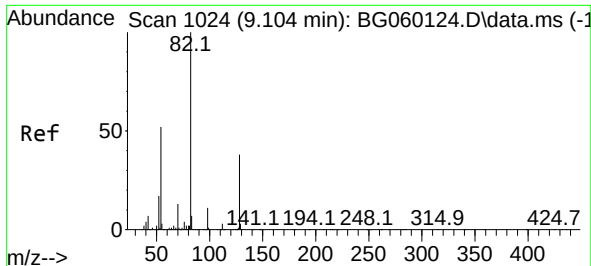
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#22
Acetophenone
Concen: 4.690 ng
RT: 8.766 min Scan# 966
Delta R.T. 0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Tgt Ion:105 Resp: 64937
Ion Ratio Lower Upper
105 100
71 1.7 1.8 2.6#
51 27.2 24.3 36.5
120 15.5 14.5 21.7





#23

Nitrobenzene-d5

Concen: 9.786 ng

RT: 9.101 min Scan# 1023

Delta R.T. -0.003 min

Lab File: BG060121.D

Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

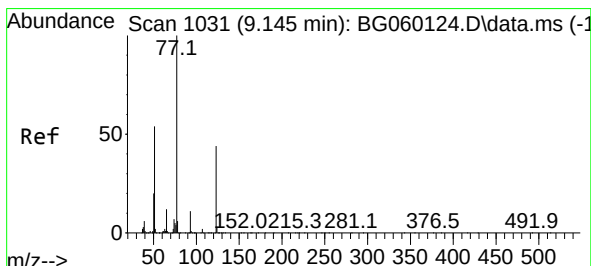
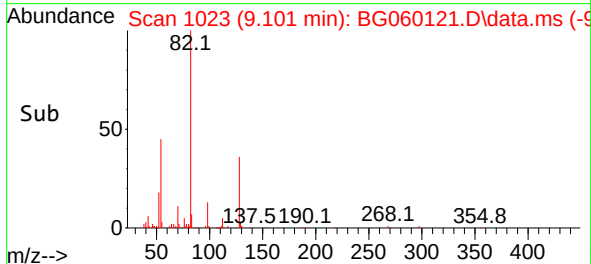
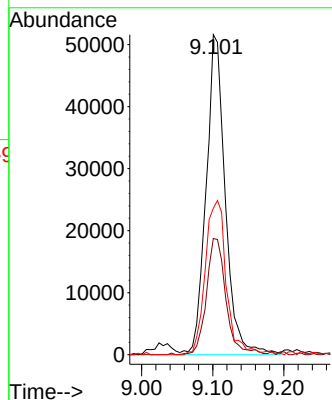
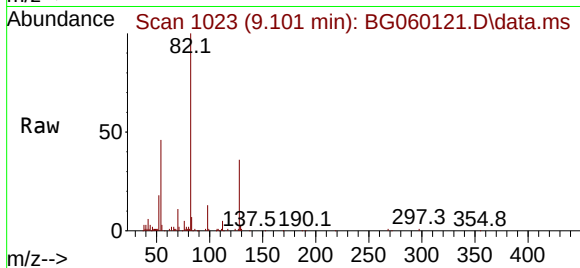
Tgt Ion: 82	Resp: 9696
Ion Ratio	Lower Upper
82 100	
128 36.3	30.5 45.7
54 45.8	41.9 62.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#24

Nitrobenzene

Concen: 4.620 ng

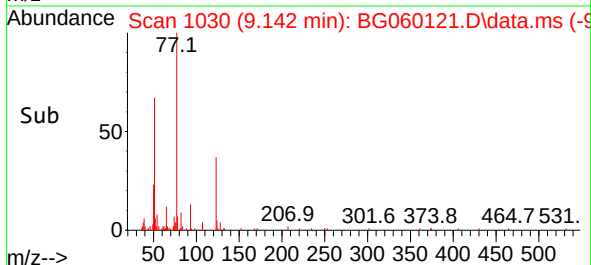
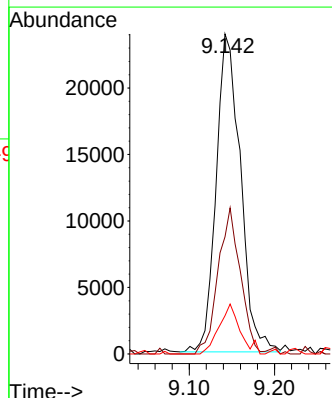
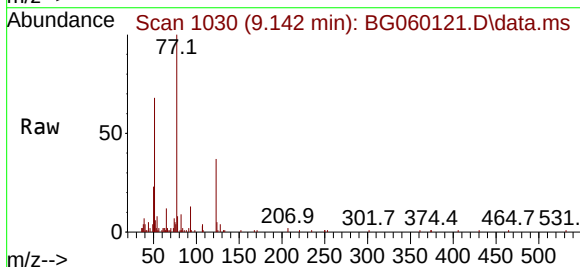
RT: 9.142 min Scan# 1030

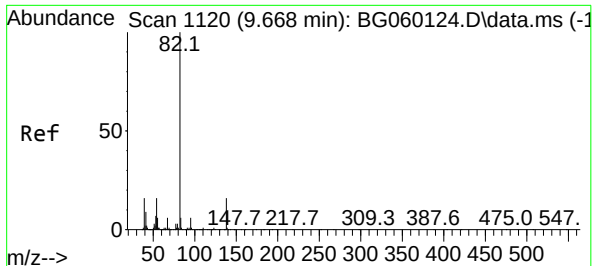
Delta R.T. -0.003 min

Lab File: BG060121.D

Acq: 21 Dec 2023 14:06

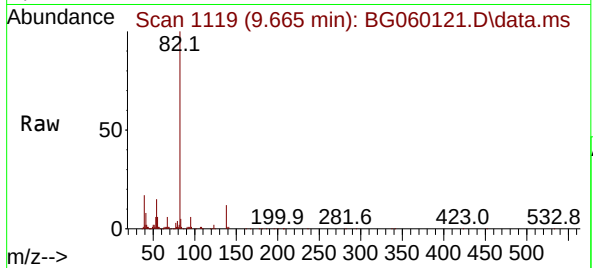
Tgt Ion: 77	Resp: 47308
Ion Ratio	Lower Upper
77 100	
123 36.6	35.3 52.9
65 11.9	9.8 14.6





#25
Isophorone
Concen: 5.544 ng
RT: 9.665 min Scan# 1119
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

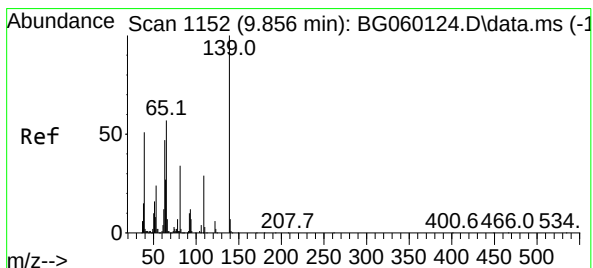
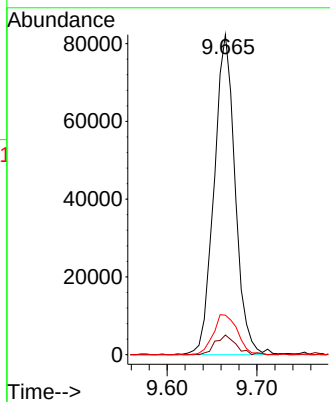
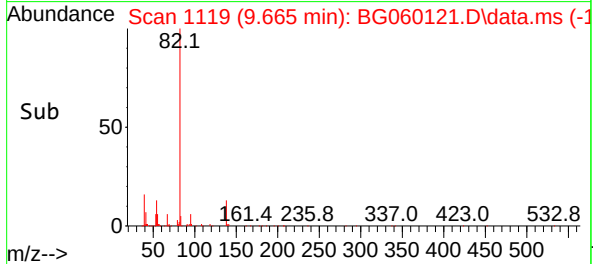
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



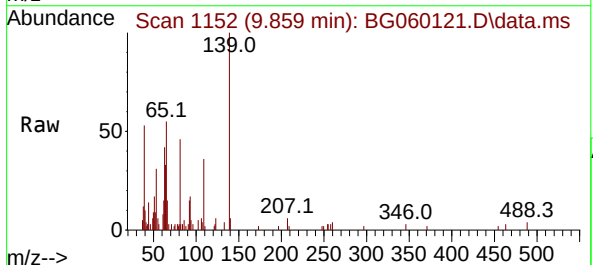
Tgt Ion: 82 Resp: 13388
Ion Ratio Lower Upper
82 100
95 6.1 5.1 7.7
138 12.4 12.8 19.2

Manual Integrations
APPROVED

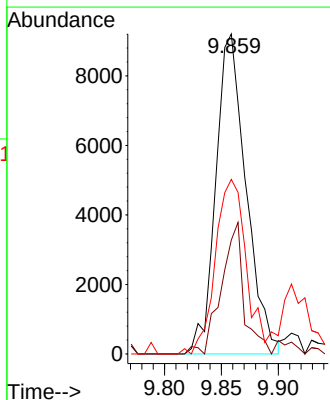
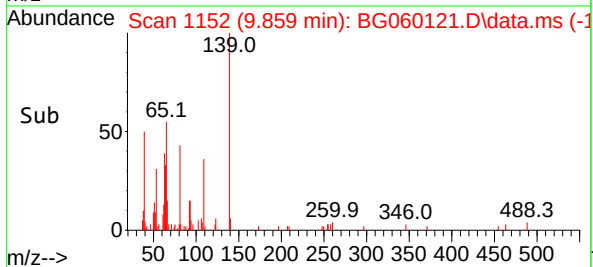
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

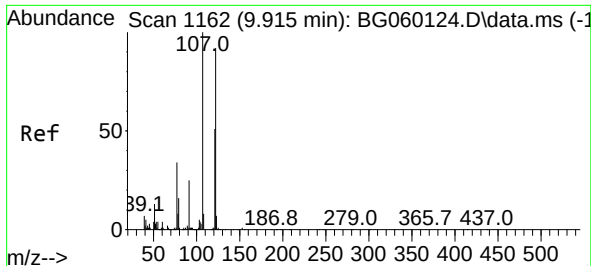


#26
2-Nitrophenol
Concen: 4.203 ng
RT: 9.859 min Scan# 1152
Delta R.T. 0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06



Tgt Ion:139 Resp: 17049
Ion Ratio Lower Upper
139 100
109 35.6 23.0 34.6#
65 54.6 45.8 68.8





#27

2,4-Dimethylphenol

Concen: 4.705 ng

RT: 9.917 min Scan# 1162

Delta R.T. 0.003 min

Lab File: BG060121.D

Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

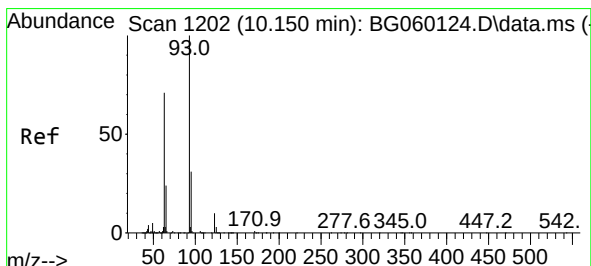
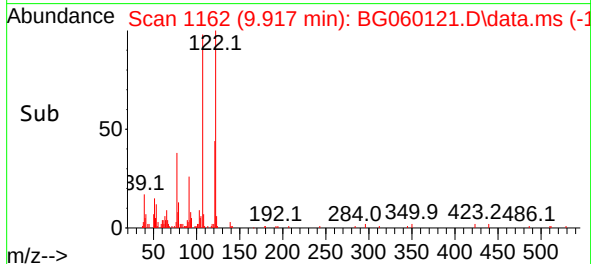
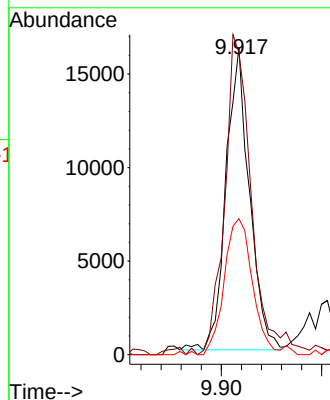
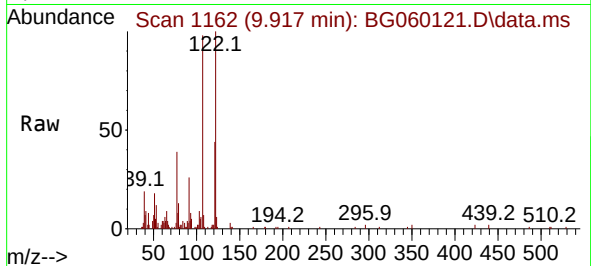
Tgt Ion:	122	Resp:	26269
Ion Ratio	Lower	Upper	
122	100		
107	98.3	86.3	129.5
121	44.3	43.6	65.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#28

bis(2-Chloroethoxy)methane

Concen: 5.047 ng

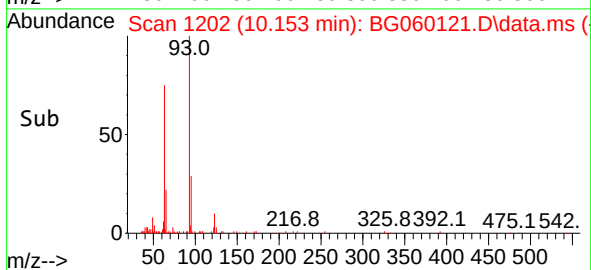
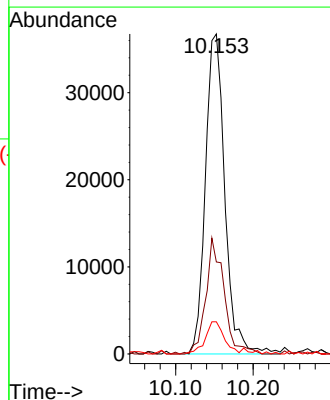
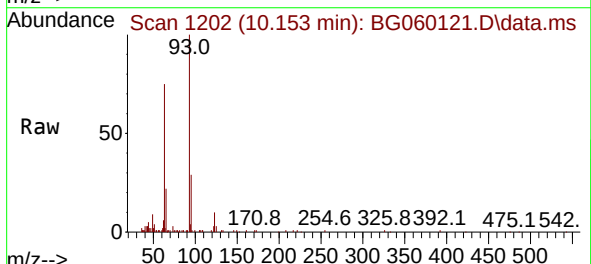
RT: 10.153 min Scan# 1202

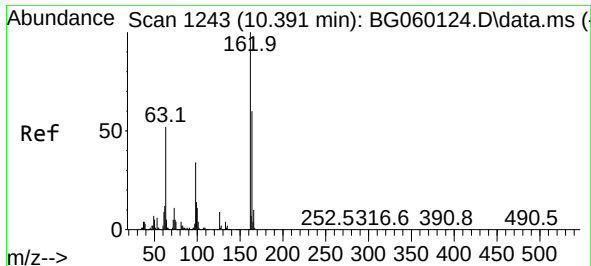
Delta R.T. 0.003 min

Lab File: BG060121.D

Acq: 21 Dec 2023 14:06

Tgt Ion:	93	Resp:	63999
Ion Ratio	Lower	Upper	
93	100		
95	28.7	25.0	37.6
123	10.1	8.2	12.2





#29
2,4-Dichlorophenol
Concen: 4.311 ng
RT: 10.393 min Scan# 1243
Delta R.T. 0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

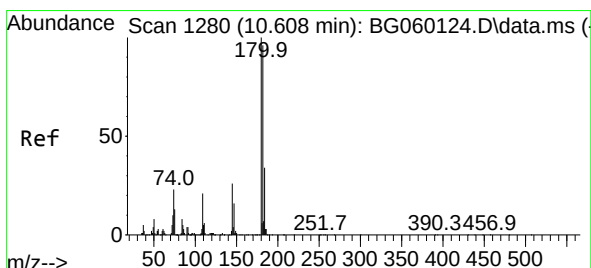
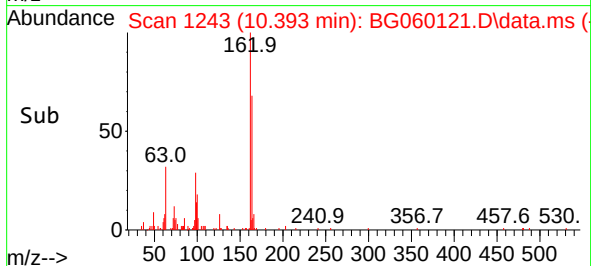
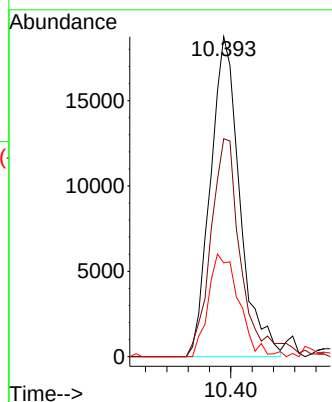
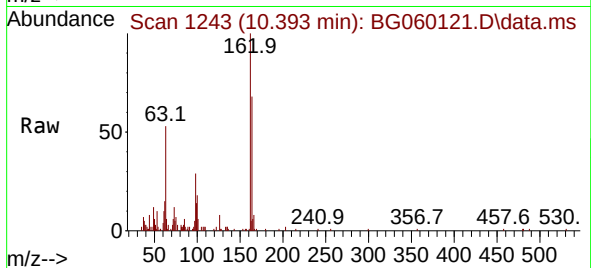
SSTDICC005

Tgt Ion:162 Resp: 3590
Ion Ratio Lower Upper
162 100
164 68.1 39.5 79.5
98 29.3 14.6 54.6

Manual Integrations

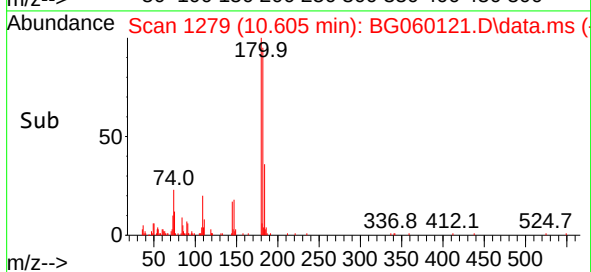
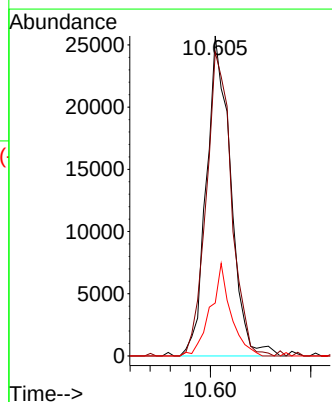
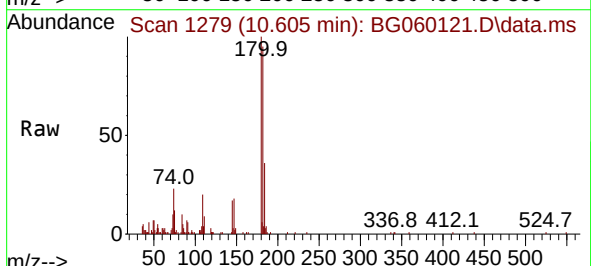
APPROVED

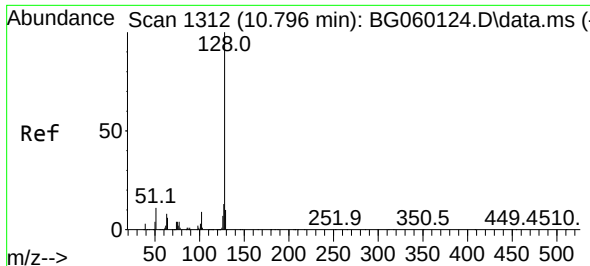
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#30
1,2,4-Trichlorobenzene
Concen: 4.841 ng
RT: 10.605 min Scan# 1279
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

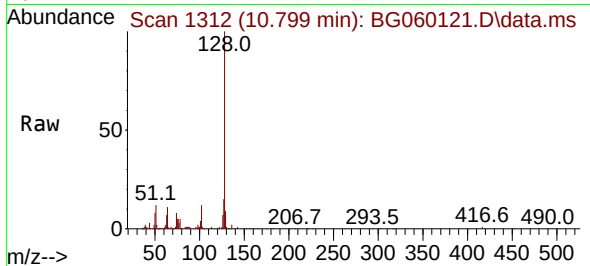
Tgt Ion:180 Resp: 43280
Ion Ratio Lower Upper
180 100
182 95.0 76.9 115.3
145 16.5 21.0 31.6#





#31
Naphthalene
Concen: 4.932 ng
RT: 10.799 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

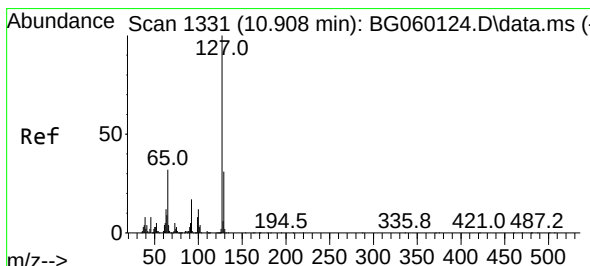
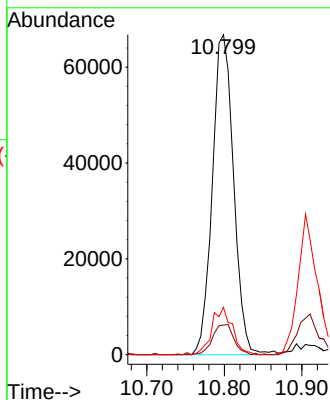
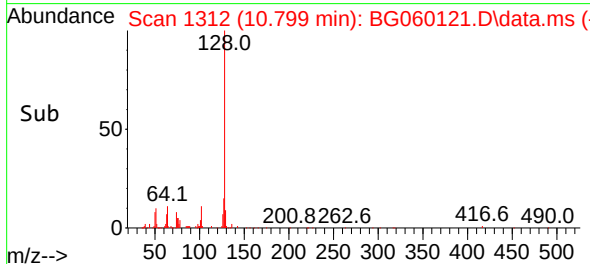
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:128 Resp: 12746
Ion Ratio Lower Upper
128 100
129 9.2 7.8 11.8
127 14.8 10.3 15.5

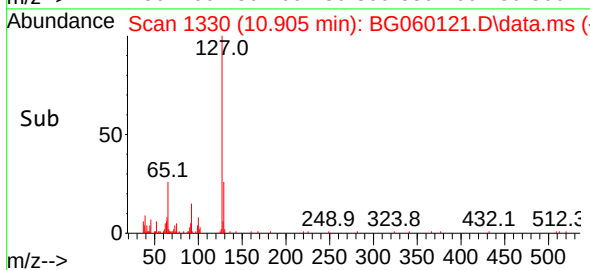
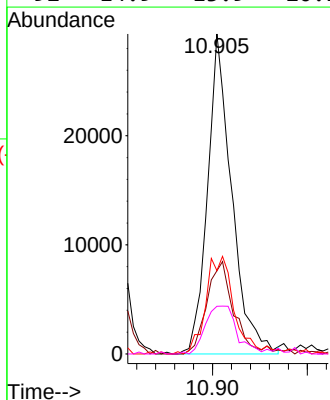
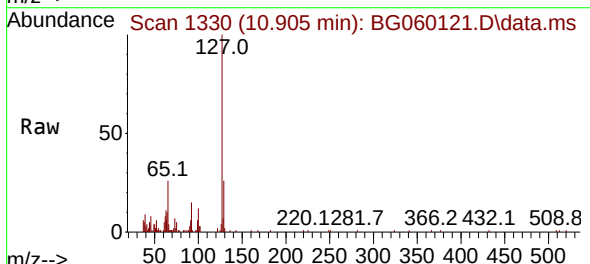
Manual Integrations
APPROVED

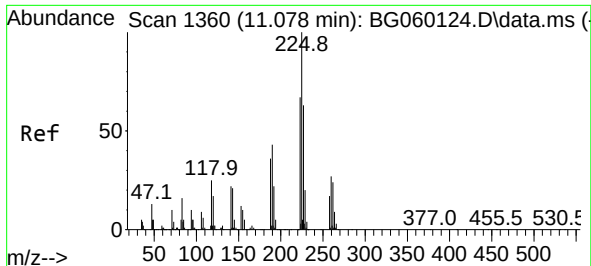
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#33
4-Chloroaniline
Concen: 4.652 ng
RT: 10.905 min Scan# 1330
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Tgt Ion:127 Resp: 51950
Ion Ratio Lower Upper
127 100
129 26.0 24.6 36.8
65 26.1 25.7 38.5
92 14.9 13.9 20.9





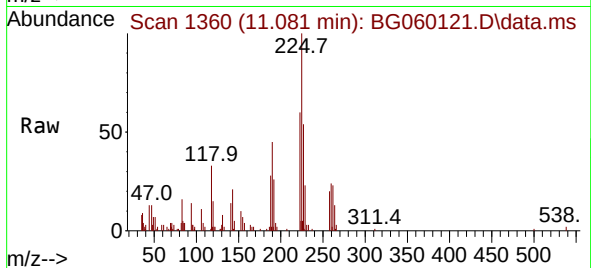
#34
Hexachlorobutadiene
Concen: 4.810 ng
RT: 11.081 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

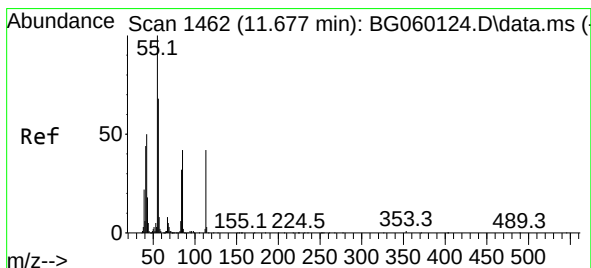
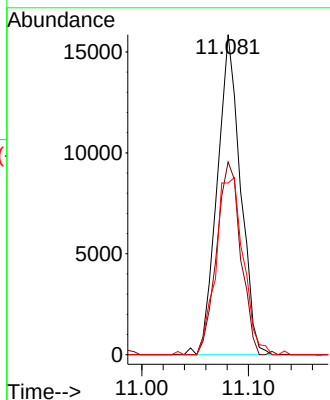
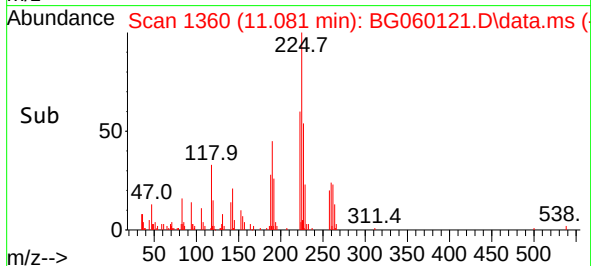


Tgt Ion:225 Resp: 2401
Ion Ratio Lower Upper
225 100
223 57.3 55.4 83.2
227 52.3 50.2 75.2

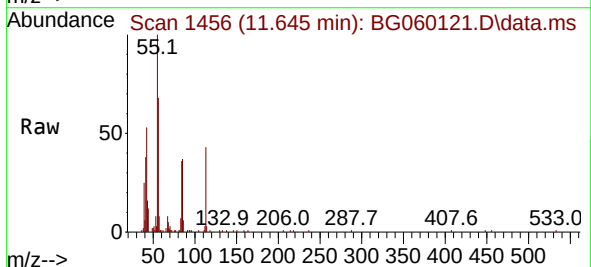
Manual Integrations

APPROVED

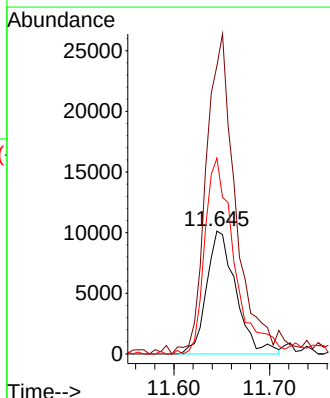
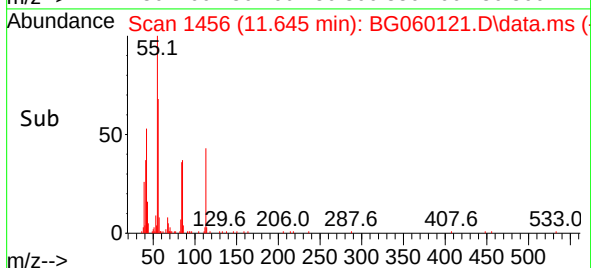
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

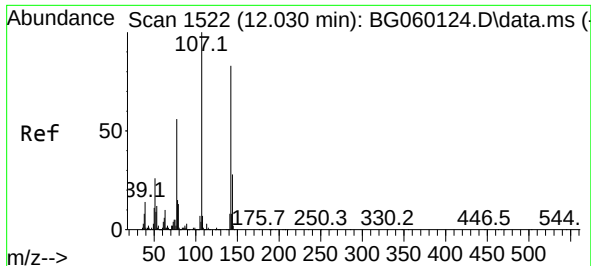


#35
Caprolactam
Concen: 4.956 ng m
RT: 11.645 min Scan# 1456
Delta R.T. -0.033 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06



Tgt Ion:113 Resp: 21562
Ion Ratio Lower Upper
113 100
55 234.4 219.6 259.6
56 159.3 142.8 182.8





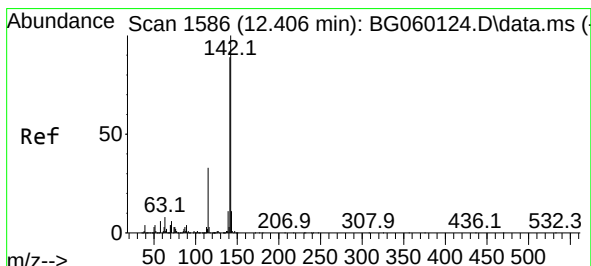
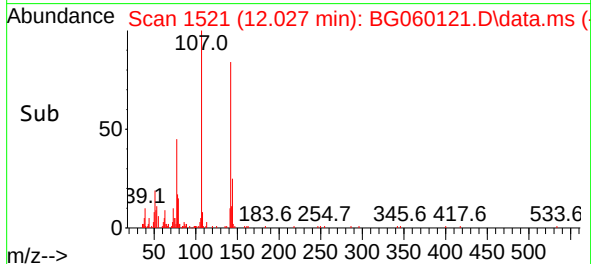
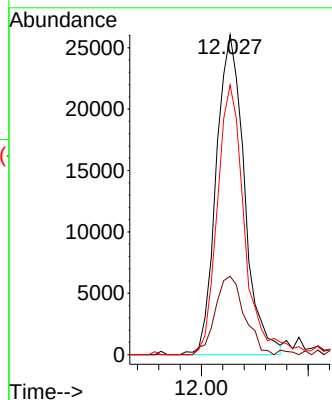
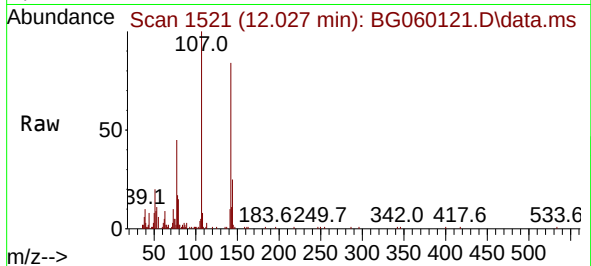
#36
4-Chloro-3-methylphenol
Concen: 4.775 ng
RT: 12.027 min Scan# 1521
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 47670
Ion Ratio Lower Upper
107 100
144 24.5 22.6 34.0
142 84.3 66.6 99.8

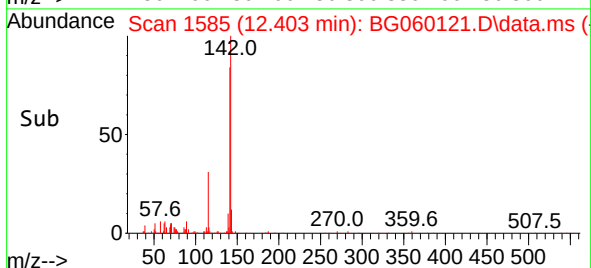
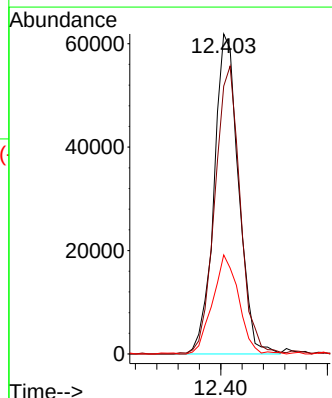
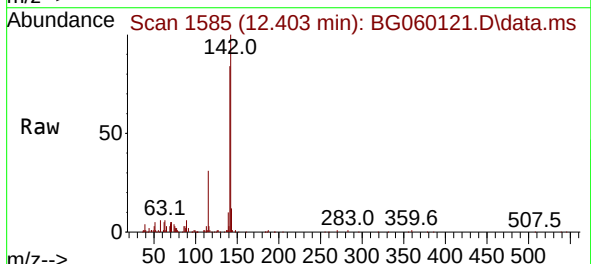
Manual Integrations
APPROVED

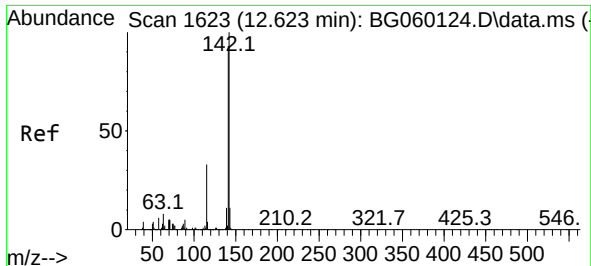
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#37
2-Methylnaphthalene
Concen: 4.913 ng
RT: 12.403 min Scan# 1585
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Tgt Ion:142 Resp: 98530
Ion Ratio Lower Upper
142 100
141 83.7 71.5 107.3
115 30.9 26.1 39.1





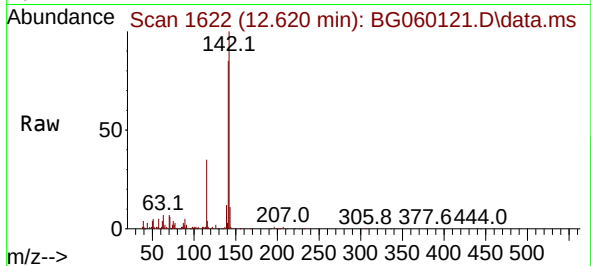
#38
1-Methylnaphthalene
Concen: 4.960 ng
RT: 12.620 min Scan# 1622
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



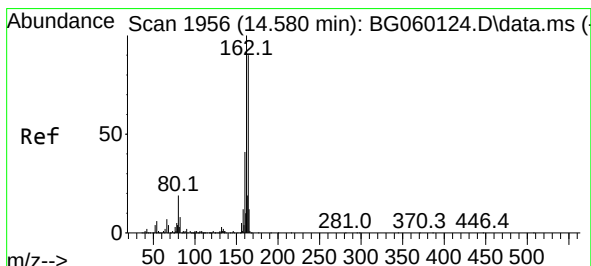
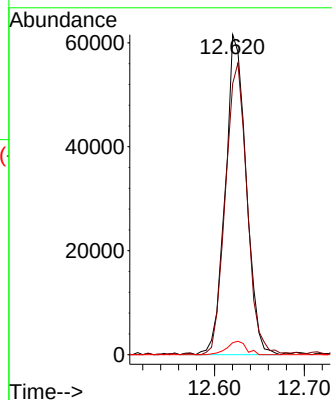
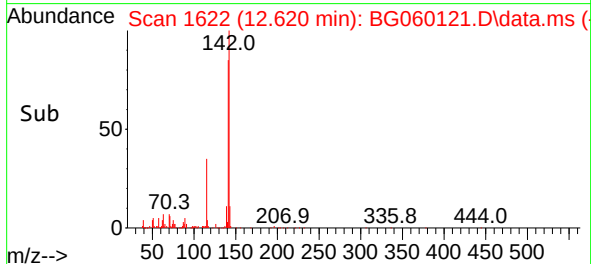
Tgt Ion:142 Resp: 9984
Ion Ratio Lower Upper
142 100
141 84.7 74.4 111.6
116 3.8 2.9 4.3

Manual Integrations

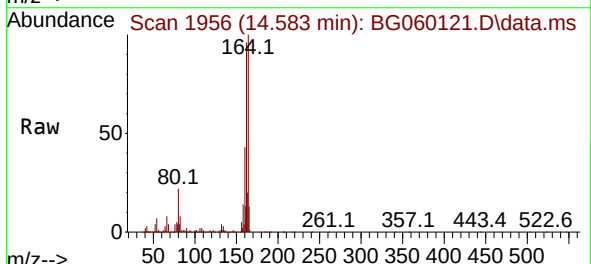
APPROVED

Reviewed By :Yogesh Patel 12/22/2023

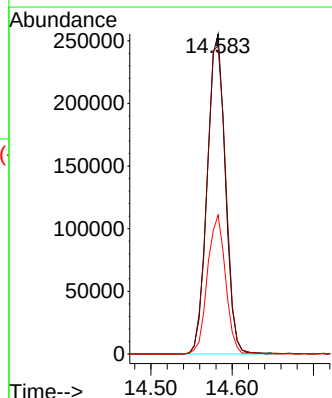
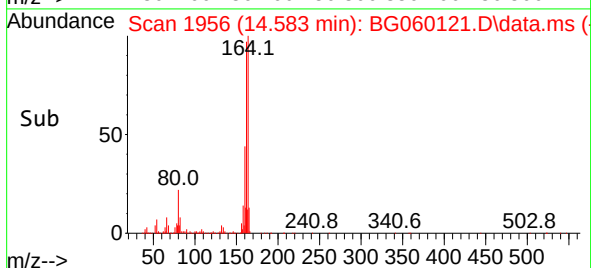
Supervised By :mohammad ahmed 12/22/2023

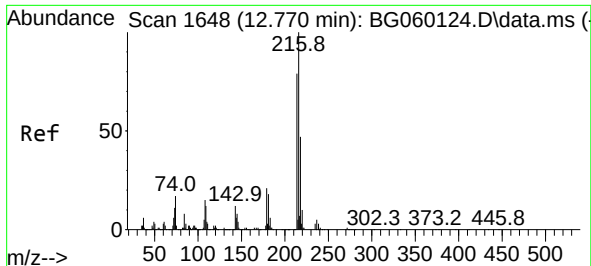


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1956
Delta R.T. 0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06



Tgt Ion:164 Resp: 393576
Ion Ratio Lower Upper
164 100
162 96.2 88.5 132.7
160 43.4 36.2 54.2





#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.072 ng
RT: 12.773 min Scan# 1648
Delta R.T. 0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

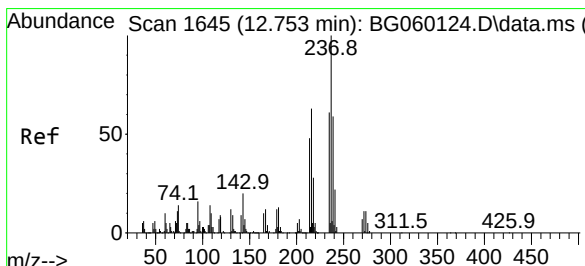
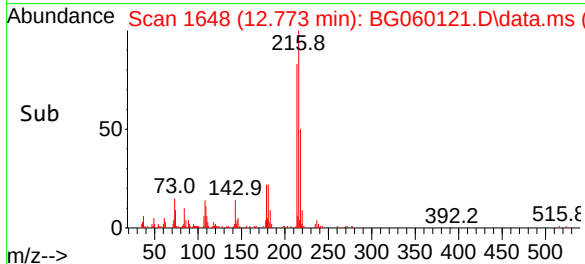
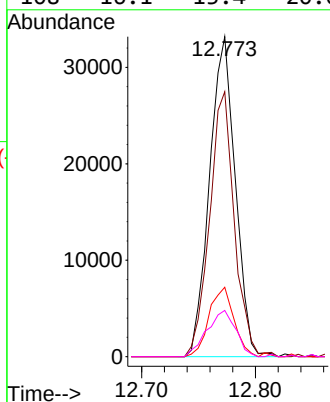
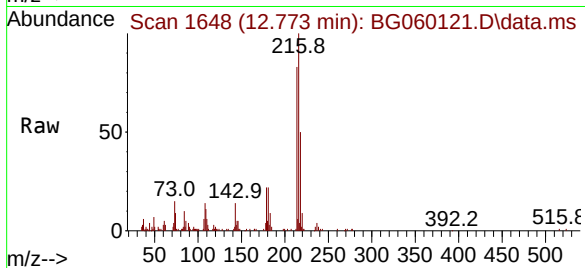
SSTDICC005

Tgt Ion:216 Resp: 52270
Ion Ratio Lower Upper
216 100
214 79.6 63.3 94.9
179 21.0 16.4 24.6
108 16.1 13.4 20.0

Manual Integrations

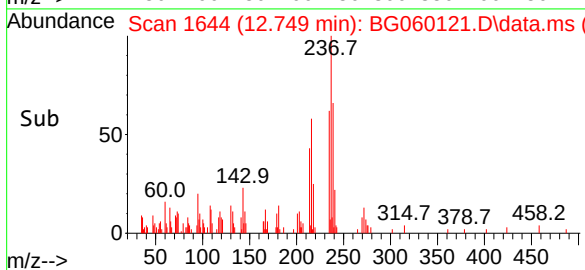
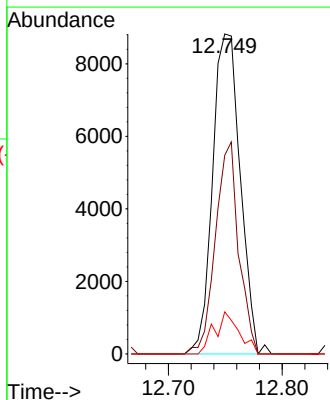
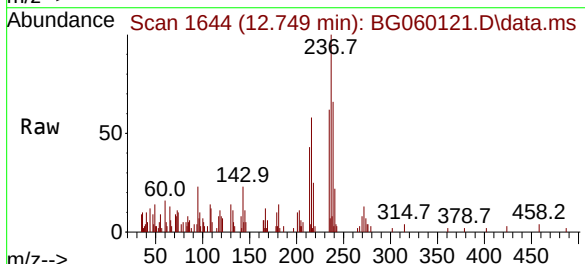
APPROVED

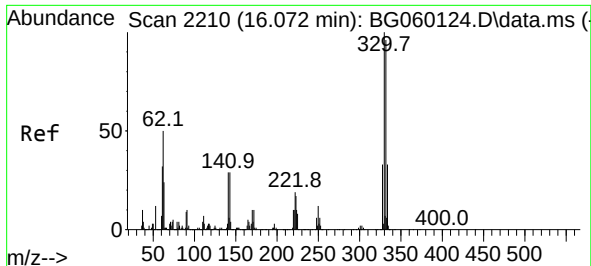
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#41
Hexachlorocyclopentadiene
Concen: 4.279 ng
RT: 12.749 min Scan# 1644
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Tgt Ion:237 Resp: 14919
Ion Ratio Lower Upper
237 100
235 62.1 40.9 80.9
272 13.1 0.0 31.0





#42
2,4,6-Tribromophenol
Concen: 9.690 ng
RT: 16.069 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

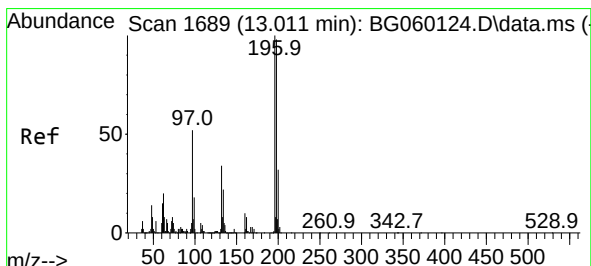
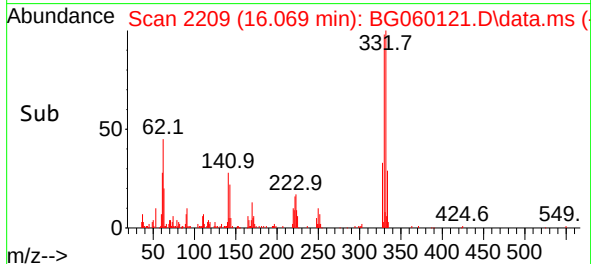
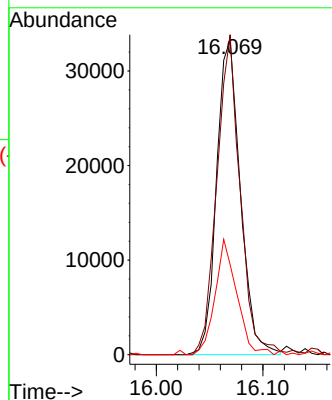
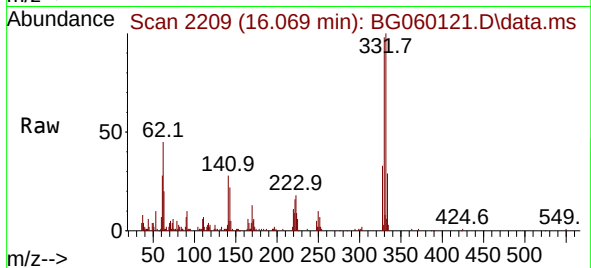
SSTDICC005

Tgt Ion:330 Resp: 51349
Ion Ratio Lower Upper
330 100
332 99.5 75.5 113.3
141 33.9 24.7 37.1

Manual Integrations

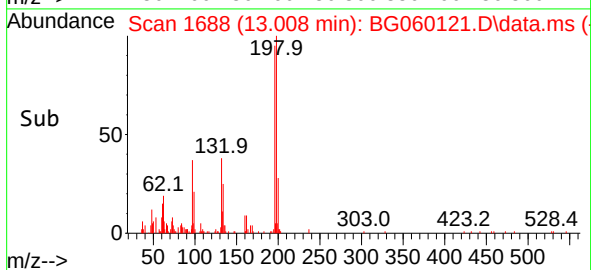
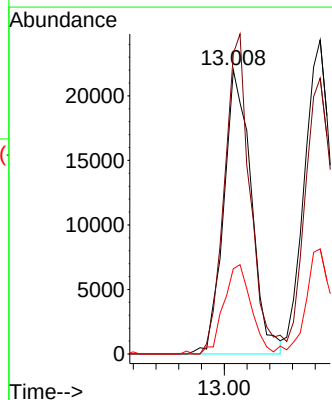
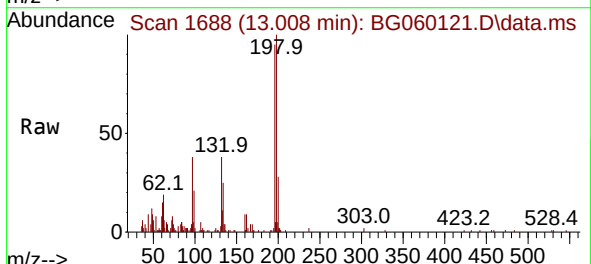
APPROVED

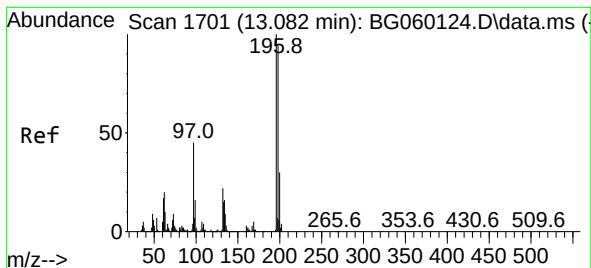
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#43
2,4,6-Trichlorophenol
Concen: 4.810 ng
RT: 13.008 min Scan# 1688
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Tgt Ion:196 Resp: 36978
Ion Ratio Lower Upper
196 100
198 100.2 78.2 117.2
200 30.0 25.7 38.5





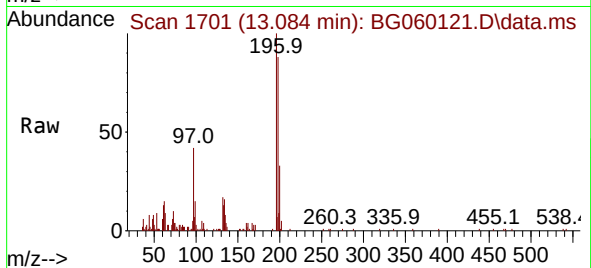
#44
2,4,5-Trichlorophenol
Concen: 5.144 ng
RT: 13.084 min Scan# 1701
Delta R.T. 0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



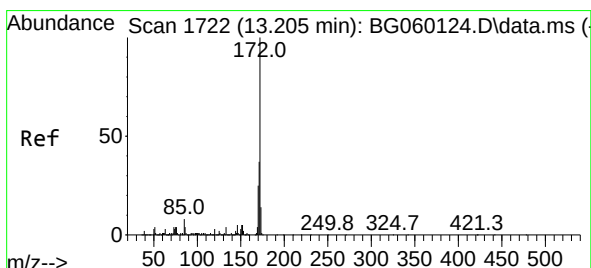
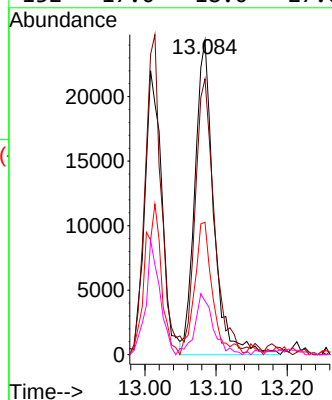
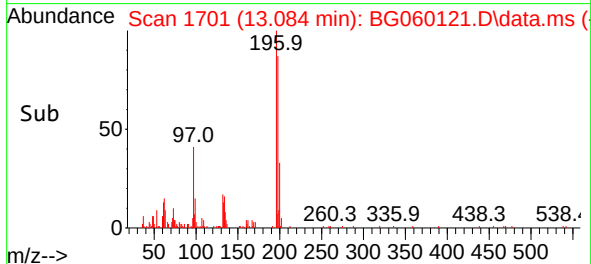
Tgt Ion:196 Resp: 44854
Ion Ratio Lower Upper
196 100
198 87.8 76.2 114.4
97 42.1 36.5 54.7
132 17.0 18.0 27.0#

Manual Integrations

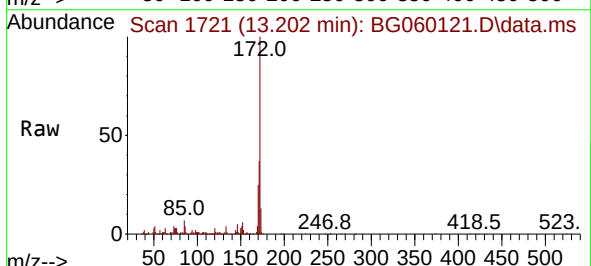
APPROVED

Reviewed By :Yogesh Patel 12/22/2023

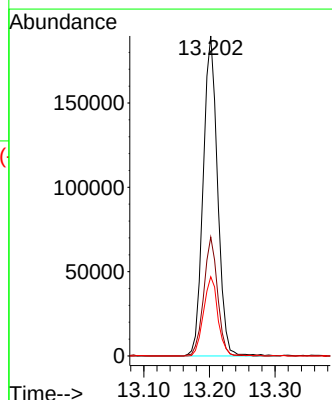
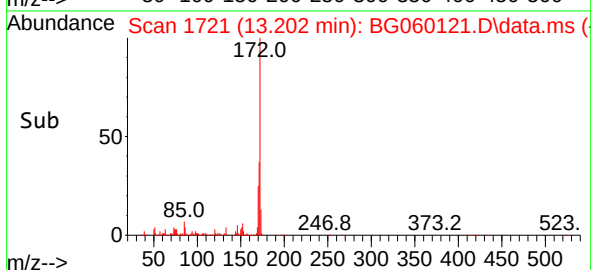
Supervised By :mohammad ahmed 12/22/2023

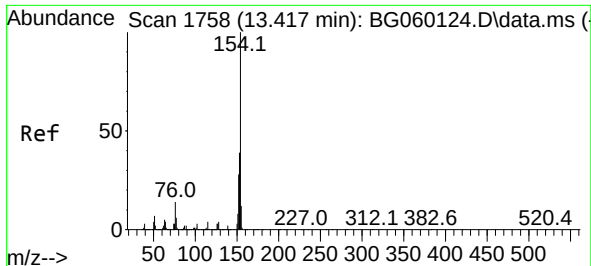


#45
2-Fluorobiphenyl
Concen: 11.093 ng
RT: 13.202 min Scan# 1721
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06



Tgt Ion:172 Resp: 290766
Ion Ratio Lower Upper
172 100
171 37.1 29.2 43.8
170 24.7 20.1 30.1





#46
1,1'-Biphenyl
Concen: 5.456 ng
RT: 13.413 min Scan# 1758
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

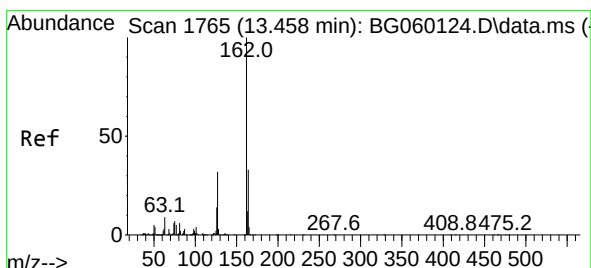
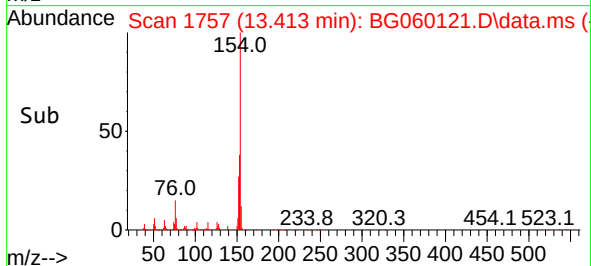
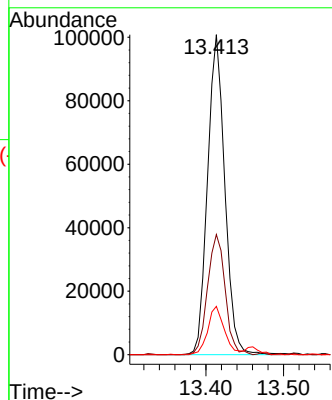
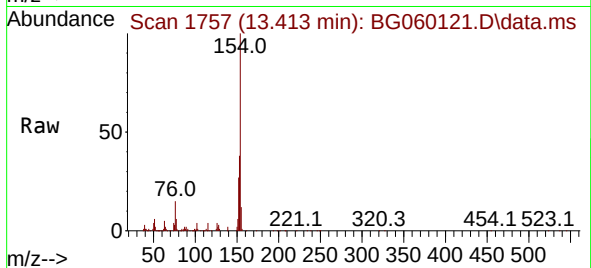
SSTDICC005

Tgt Ion:154 Resp: 15602
Ion Ratio Lower Upper
154 100
153 37.6 19.4 59.4
76 15.1 0.0 34.1

Manual Integrations

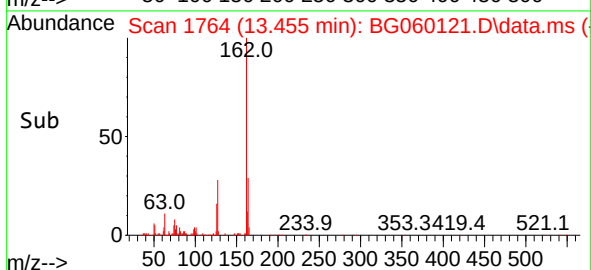
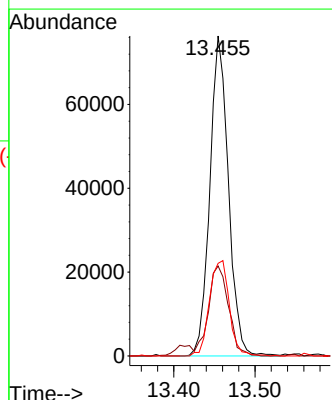
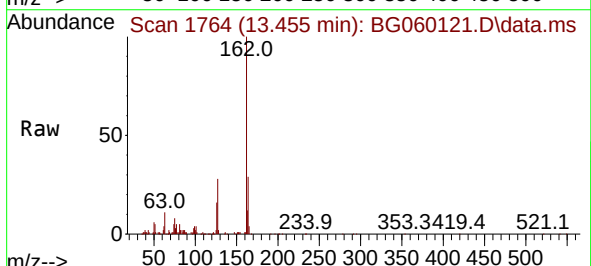
APPROVED

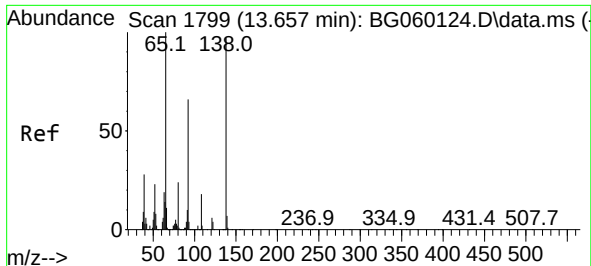
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#47
2-Chloronaphthalene
Concen: 5.167 ng
RT: 13.455 min Scan# 1764
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

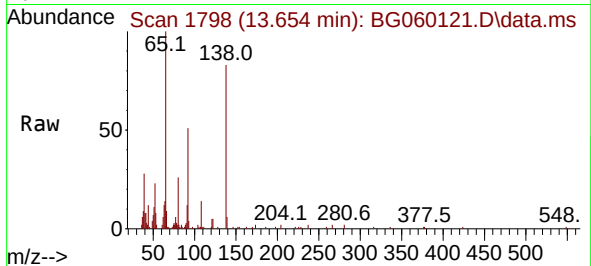
Tgt Ion:162 Resp: 121168
Ion Ratio Lower Upper
162 100
127 28.1 25.5 38.3
164 29.0 26.2 39.4





#48
2-Nitroaniline
Concen: 4.786 ng
RT: 13.654 min Scan# 1799
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

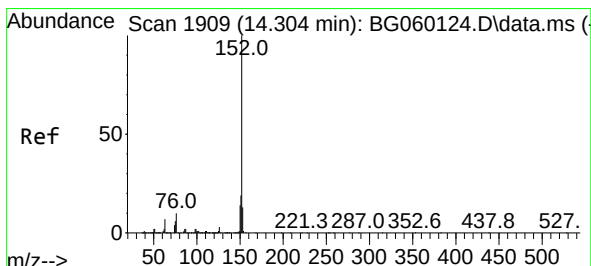
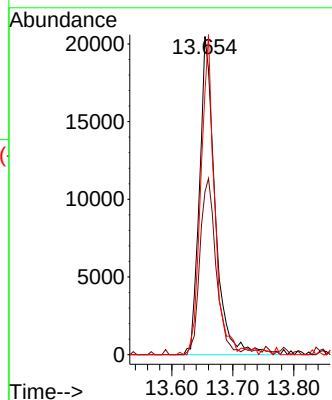
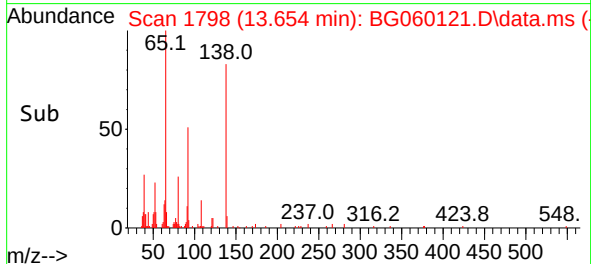
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion: 65 Resp: 3661
Ion Ratio Lower Upper
65 100
92 51.2 52.6 78.8
138 82.7 77.4 116.0

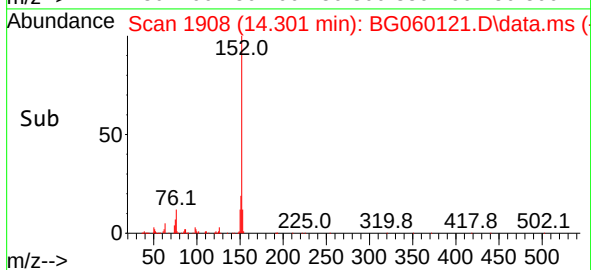
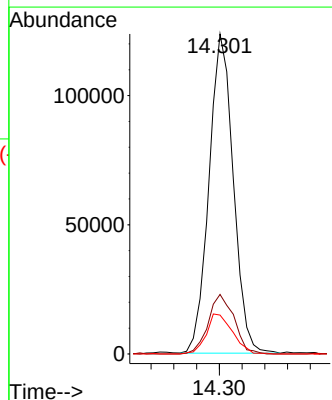
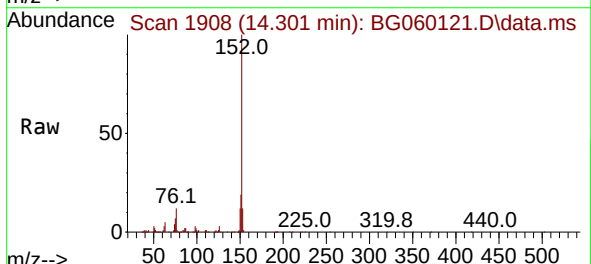
Manual Integrations
APPROVED

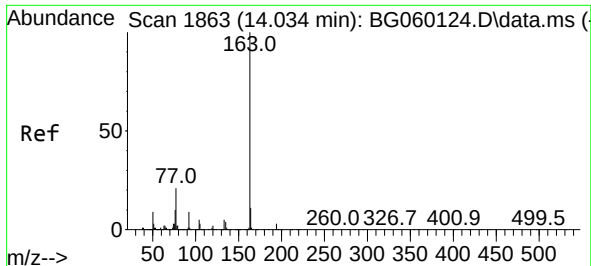
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#49
Acenaphthylene
Concen: 5.006 ng
RT: 14.301 min Scan# 1908
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Tgt Ion:152 Resp: 183500
Ion Ratio Lower Upper
152 100
151 18.6 15.3 22.9
153 12.2 10.7 16.1





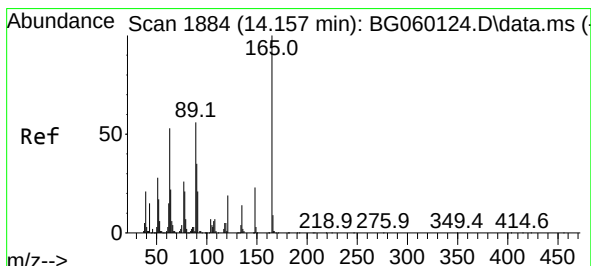
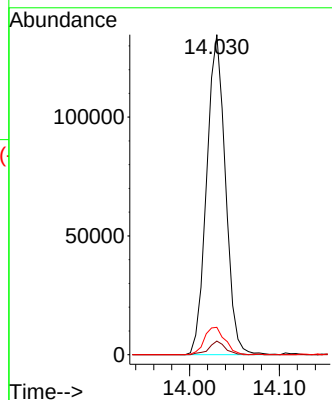
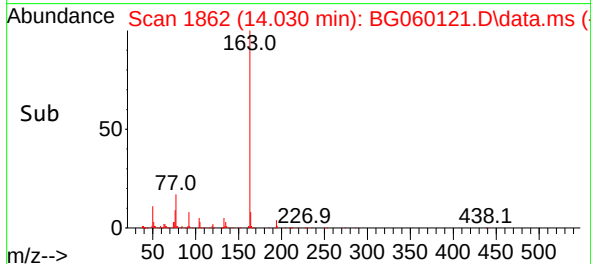
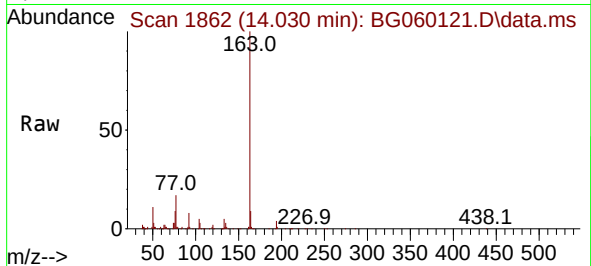
#50
Dimethylphthalate
Concen: 5.647 ng
RT: 14.030 min Scan# 1863
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:163 Resp: 19548
Ion Ratio Lower Upper
163 100
194 4.3 2.4 3.6
164 8.5 9.0 13.6

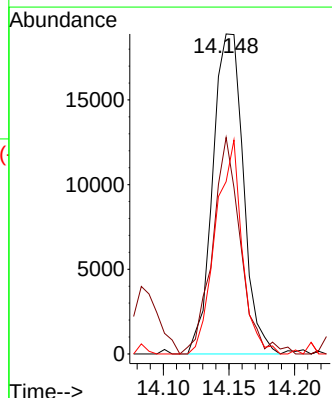
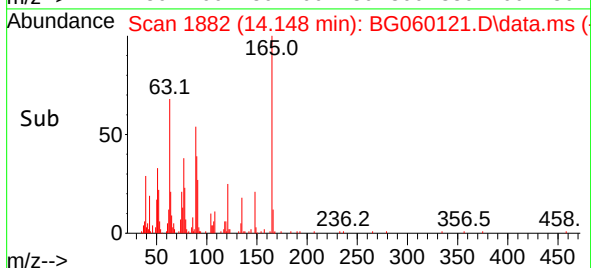
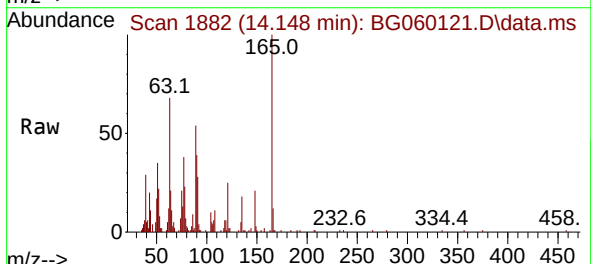
Manual Integrations
APPROVED

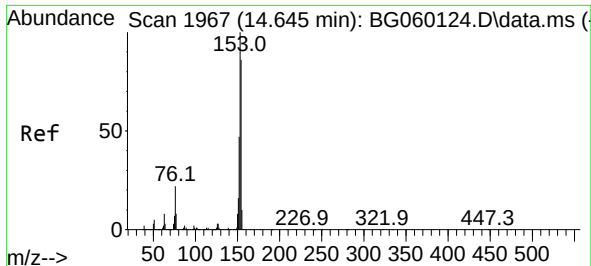
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#51
2,6-Dinitrotoluene
Concen: 4.418 ng
RT: 14.148 min Scan# 1882
Delta R.T. -0.009 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Tgt Ion:165 Resp: 30592
Ion Ratio Lower Upper
165 100
63 67.7 45.4 68.2
89 53.9 44.6 66.8





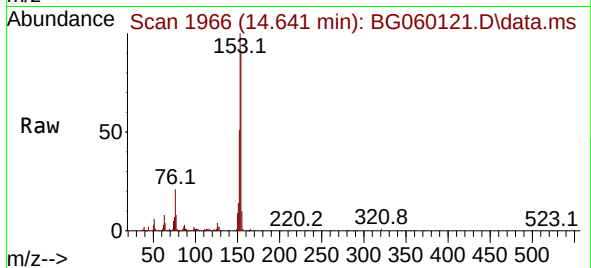
#52
Acenaphthene
Concen: 5.155 ng
RT: 14.641 min Scan# 1967
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

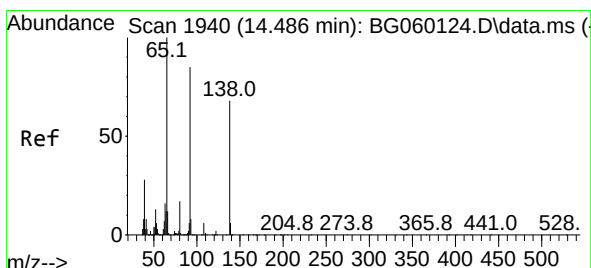
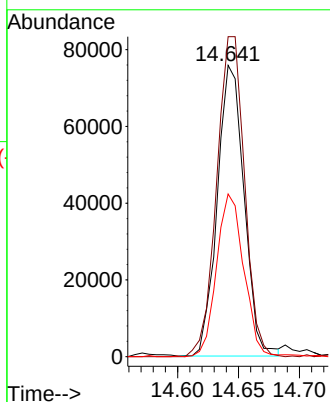
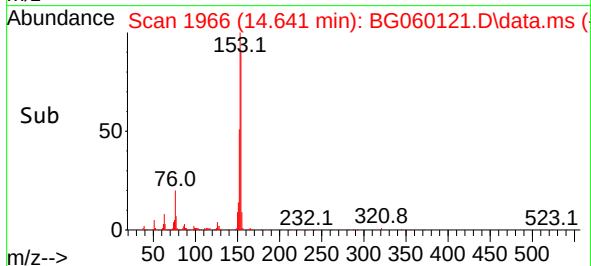


Tgt Ion:154 Resp: 116192
Ion Ratio Lower Upper
154 100
153 109.9 92.9 139.3
152 55.9 43.3 64.9

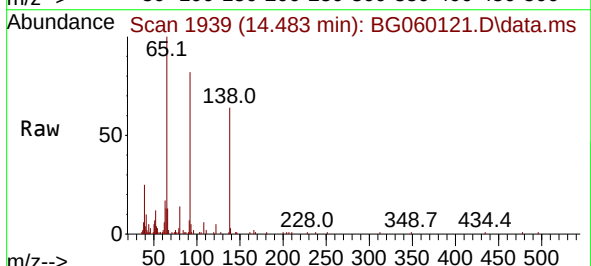
Manual Integrations

APPROVED

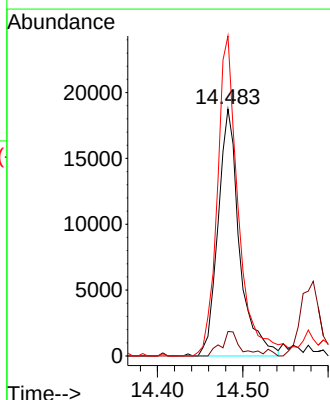
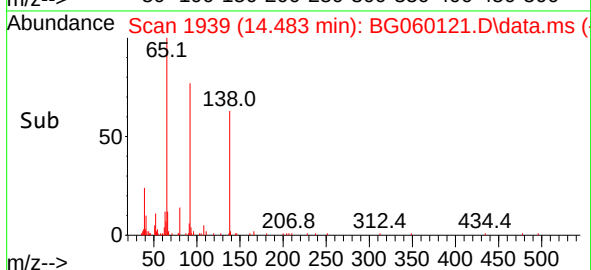
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

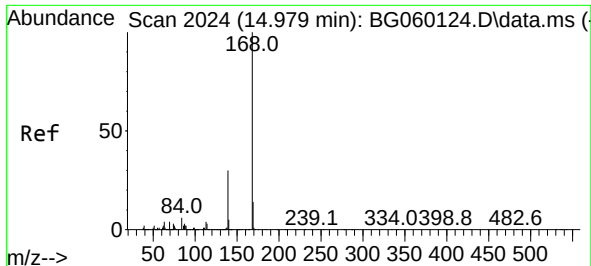


#53
3-Nitroaniline
Concen: 4.444 ng
RT: 14.483 min Scan# 1939
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06



Tgt Ion:138 Resp: 32695
Ion Ratio Lower Upper
138 100
108 9.9 7.4 11.2
92 129.6 100.6 150.8





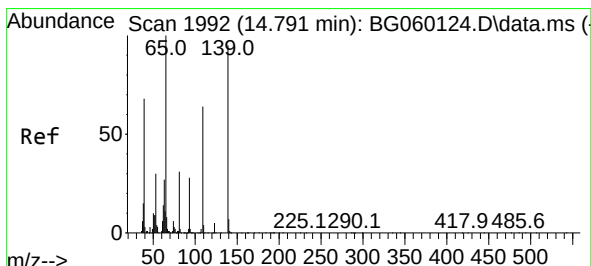
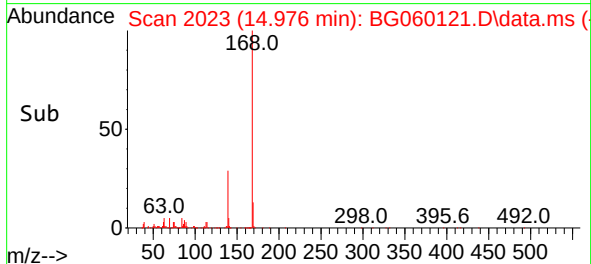
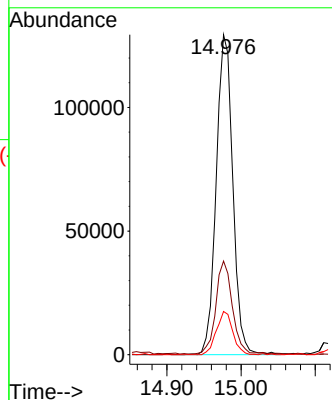
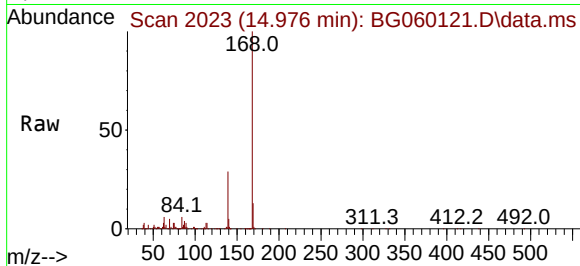
#55
Dibenzenofuran
Concen: 5.296 ng
RT: 14.976 min Scan# 20107
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 20107
Ion Ratio Lower Upper
168 100
139 29.3 24.2 36.2
169 13.5 11.1 16.7

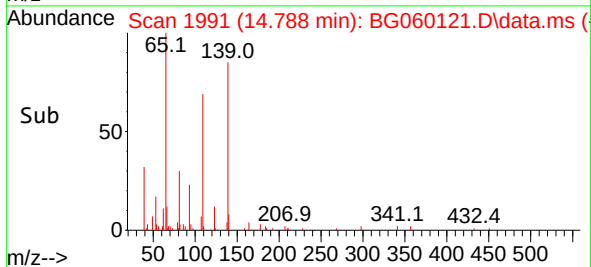
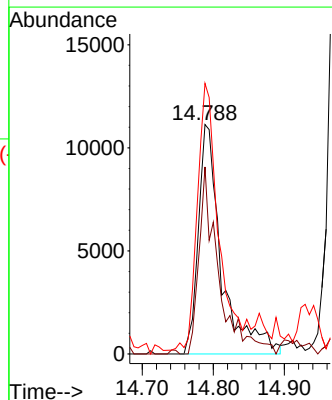
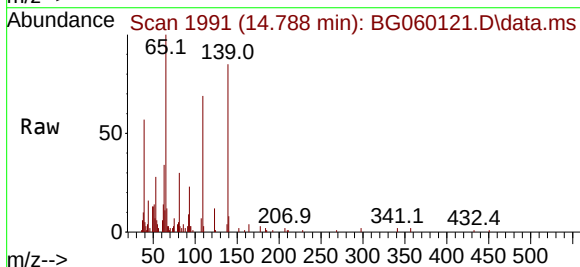
Manual Integrations
APPROVED

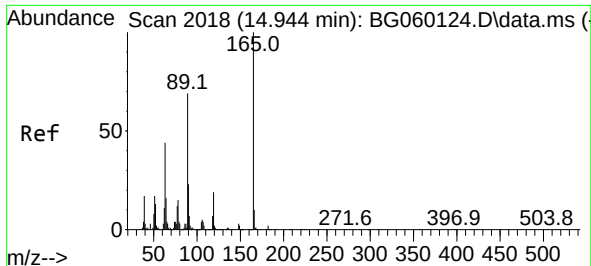
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#56
4-Nitrophenol
Concen: 4.151 ng
RT: 14.788 min Scan# 1991
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Tgt Ion:139 Resp: 25355
Ion Ratio Lower Upper
139 100
109 81.5 47.6 87.6
65 117.9 86.1 126.1





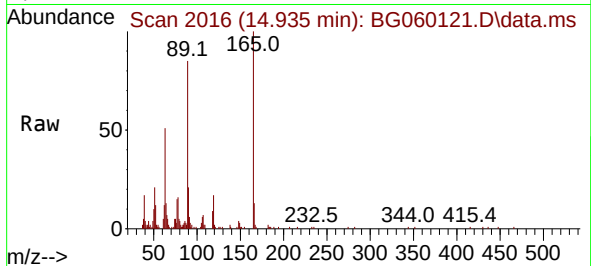
#57
2,4-Dinitrotoluene
Concen: 4.227 ng
RT: 14.935 min Scan# 2018
Delta R.T. -0.009 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

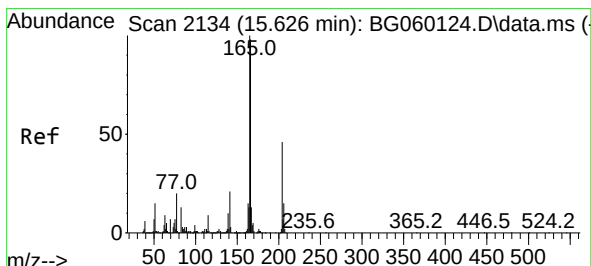
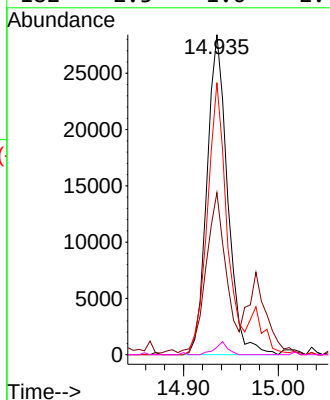
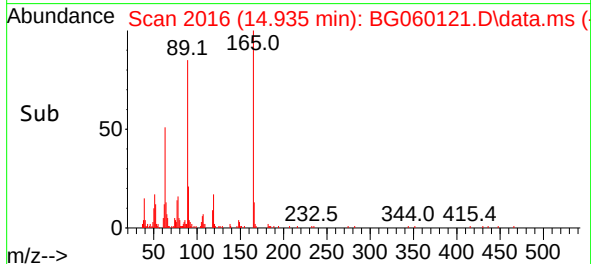


Tgt Ion:165 Resp: 42968
Ion Ratio Lower Upper
165 100
63 50.7 35.4 53.0
89 85.0 55.6 83.4
182 2.3 1.6 2.4

Manual Integrations

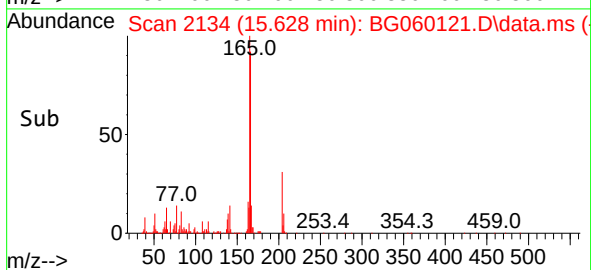
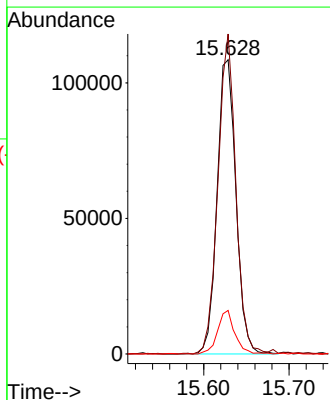
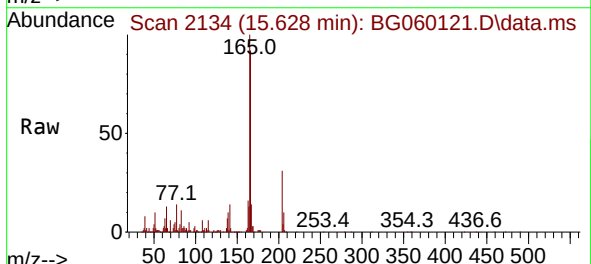
APPROVED

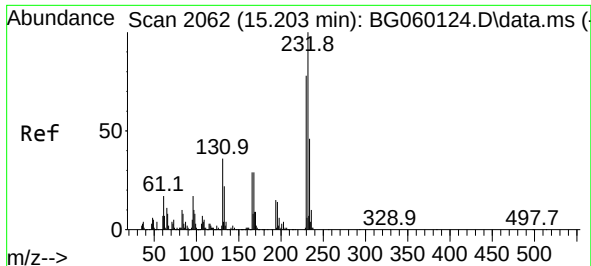
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#58
Fluorene
Concen: 5.199 ng
RT: 15.628 min Scan# 2134
Delta R.T. 0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Tgt Ion:166 Resp: 166986
Ion Ratio Lower Upper
166 100
165 108.8 82.0 123.0
167 14.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.810 ng
RT: 15.205 min Scan# 2062
Delta R.T. 0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

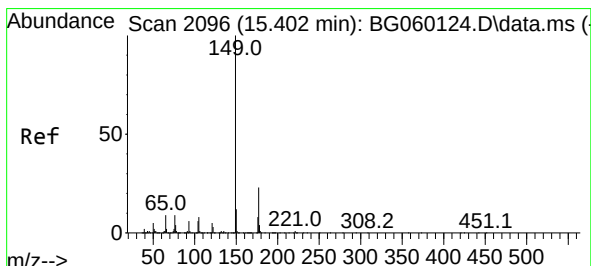
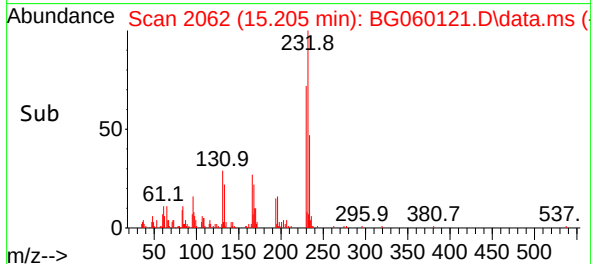
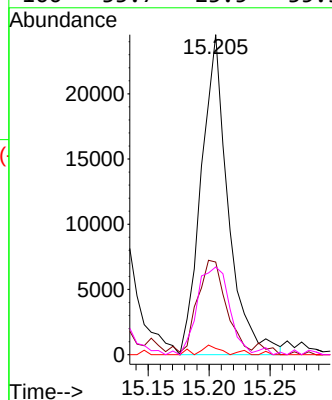
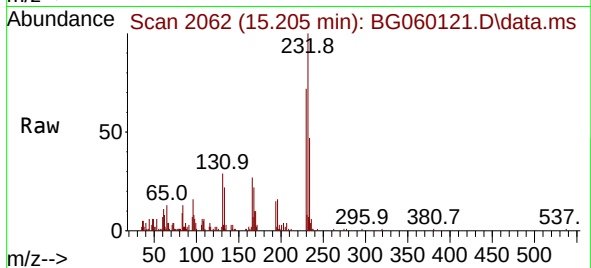
SSTDICC005

Tgt Ion:232 Resp: 3766
Ion Ratio Lower Upper
232 100
131 29.8 29.7 44.5
130 2.1 1.4 2.0
166 33.7 23.5 35.3

Manual Integrations

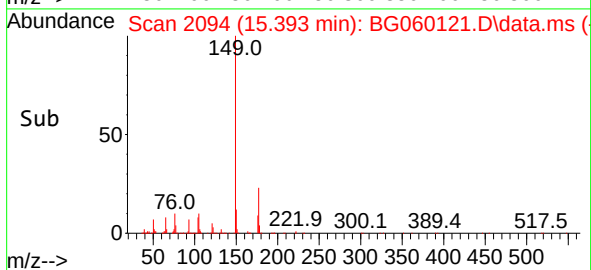
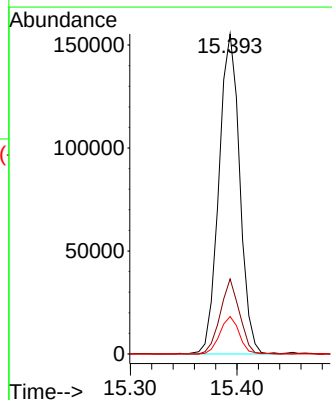
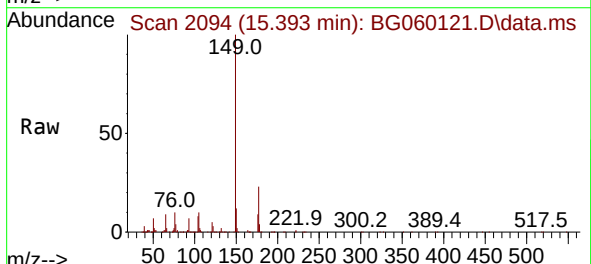
APPROVED

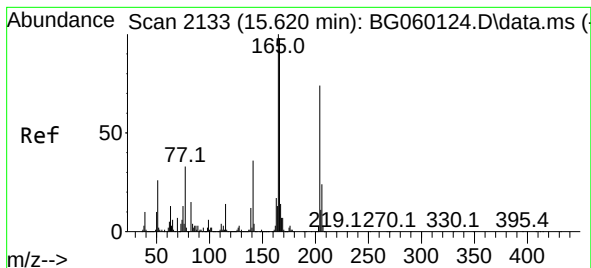
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#60
Diethylphthalate
Concen: 5.625 ng
RT: 15.393 min Scan# 2094
Delta R.T. -0.009 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Tgt Ion:149 Resp: 210331
Ion Ratio Lower Upper
149 100
177 23.5 18.2 27.4
150 11.7 9.5 14.3





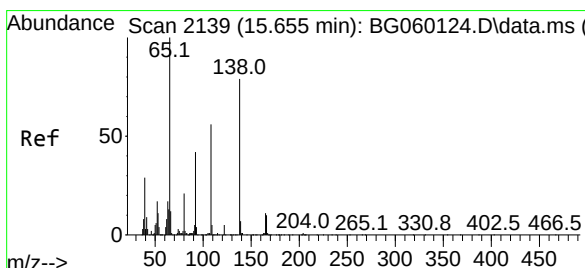
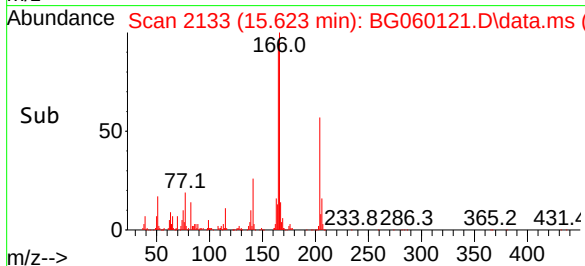
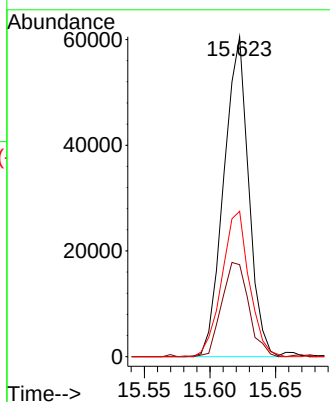
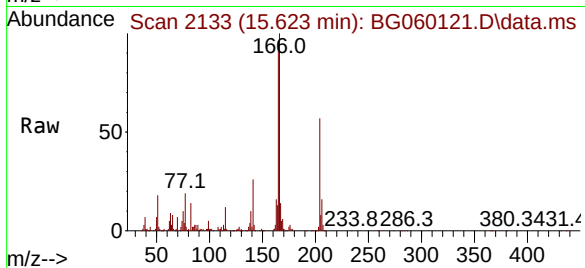
#61
4-Chlorophenyl-phenylether
Concen: 5.213 ng
RT: 15.623 min Scan# 2133
Delta R.T. 0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:204 Resp: 7983
Ion Ratio Lower Upper
204 100
206 28.8 26.4 39.6
141 45.4 39.2 58.8

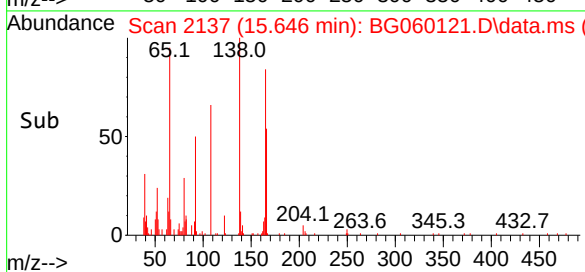
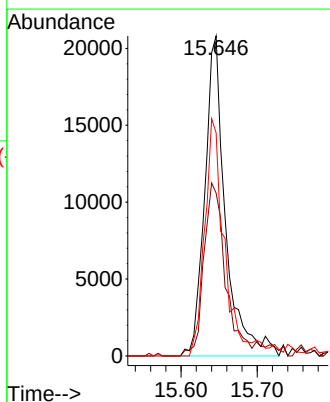
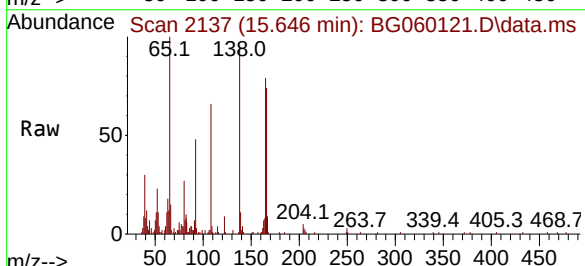
Manual Integrations
APPROVED

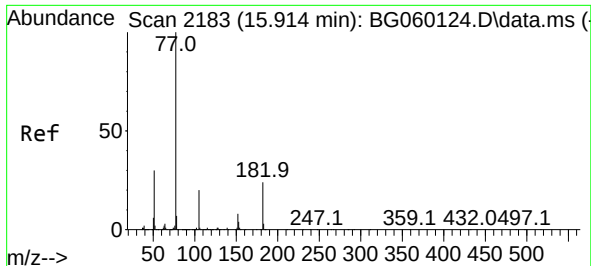
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#62
4-Nitroaniline
Concen: 4.575 ng m
RT: 15.646 min Scan# 2137
Delta R.T. -0.009 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

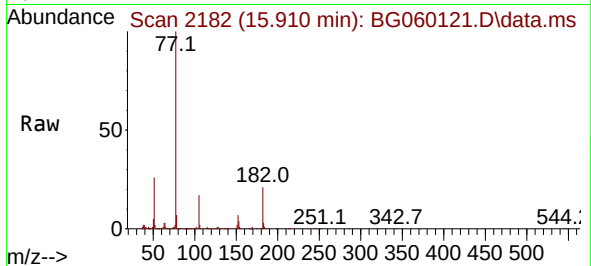
Tgt Ion:138 Resp: 39513
Ion Ratio Lower Upper
138 100
92 50.9 33.6 73.6
108 69.8 50.9 90.9





#63
Azobenzene
Concen: 5.220 ng
RT: 15.910 min Scan# 2183
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

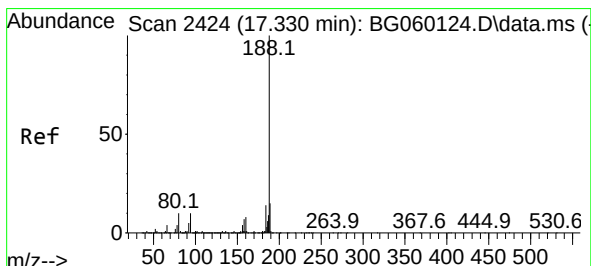
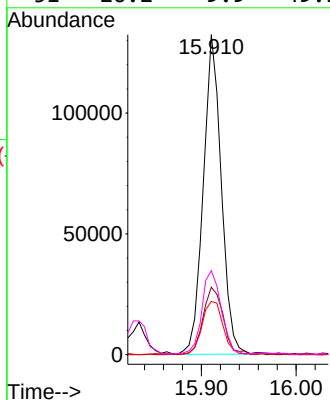
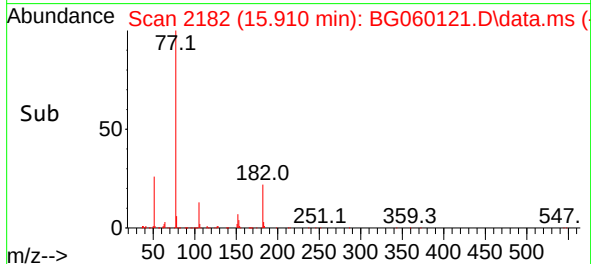
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



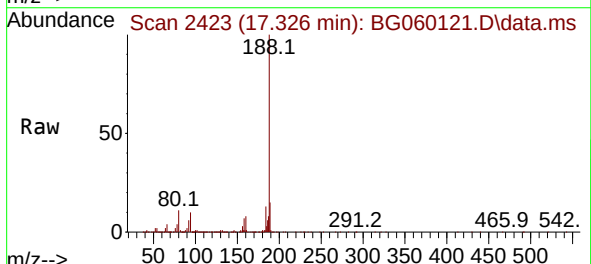
Tgt Ion: 77 Resp: 174229
Ion Ratio Lower Upper
77 100
182 21.1 3.8 43.8
105 16.6 0.0 39.8
51 26.2 9.9 49.9

Manual Integrations
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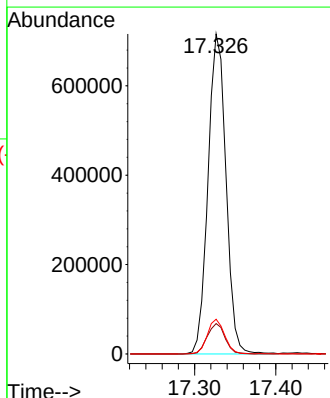
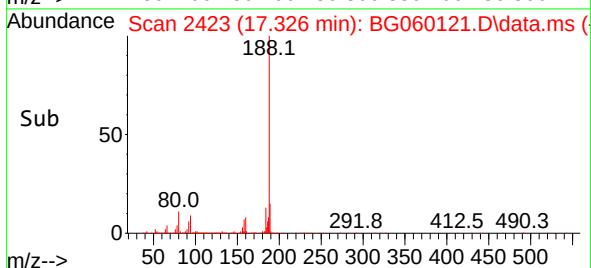
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

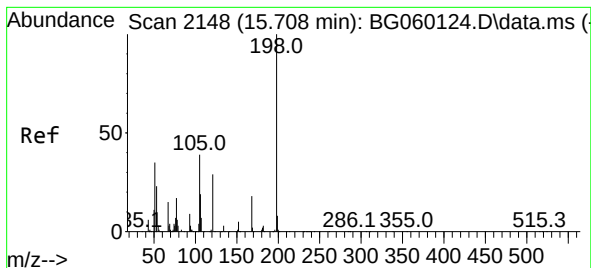


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.326 min Scan# 2423
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06



Tgt Ion:188 Resp: 1099247
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 10.8 7.9 11.9





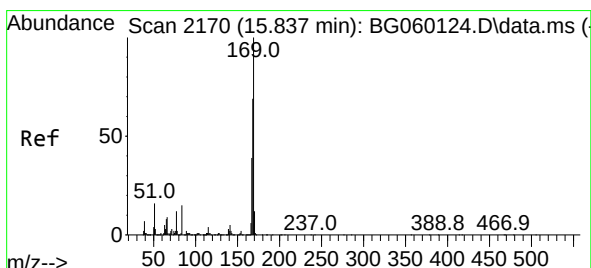
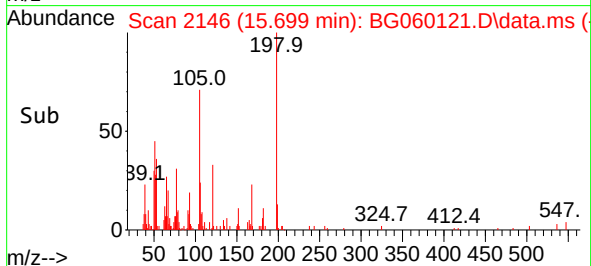
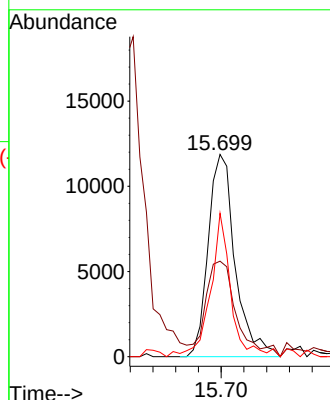
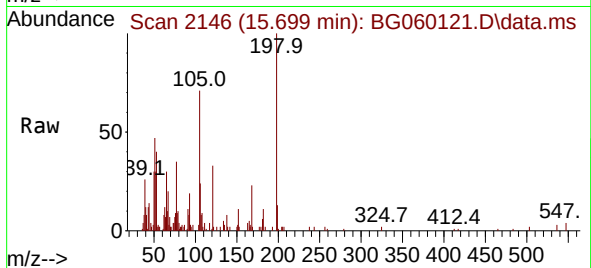
#65
4,6-Dinitro-2-methylphenol
Concen: 3.276 ng
RT: 15.699 min Scan# 2148
Delta R.T. -0.009 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:198 Resp: 19480
Ion Ratio Lower Upper
198 100
51 47.2 25.0 65.0
105 70.9 20.1 60.1

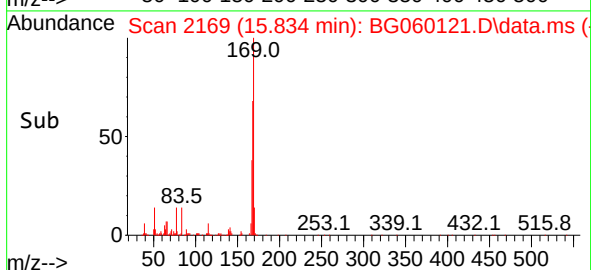
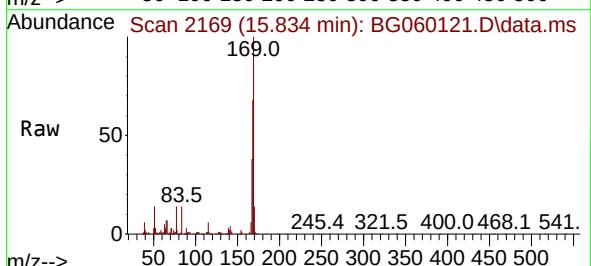
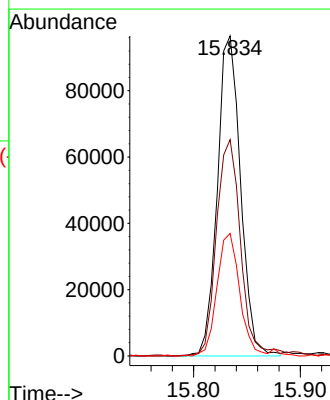
Manual Integrations
APPROVED

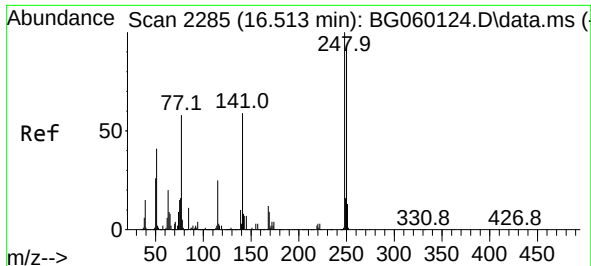
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#66
n-Nitrosodiphenylamine
Concen: 5.028 ng
RT: 15.834 min Scan# 2169
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Tgt Ion:169 Resp: 145794
Ion Ratio Lower Upper
169 100
168 67.6 55.0 82.4
167 38.3 31.0 46.6





#67
4-Bromophenyl-phenylether
Concen: 5.219 ng
RT: 16.516 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

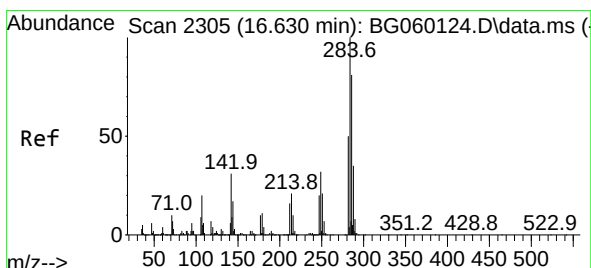
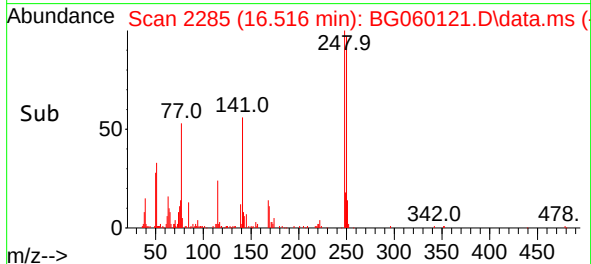
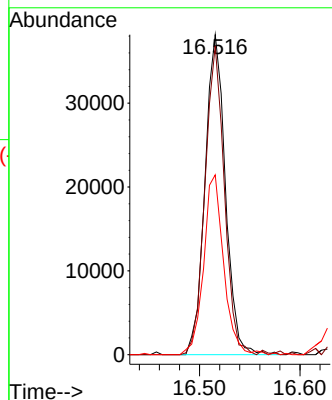
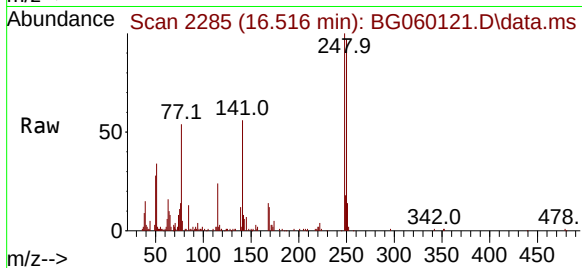
SSTDICC005

Tgt Ion:248 Resp: 5404
Ion Ratio Lower Upper
248 100
250 96.5 74.5 111.7
141 56.2 47.4 71.0

Manual Integrations

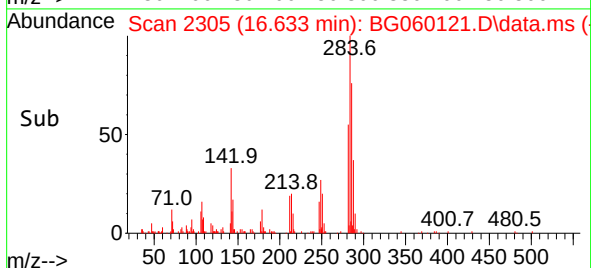
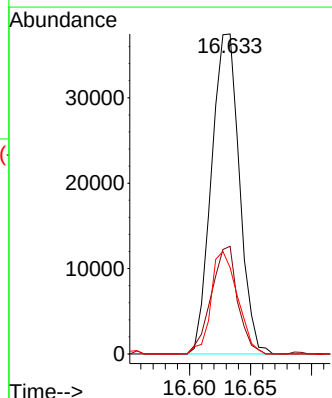
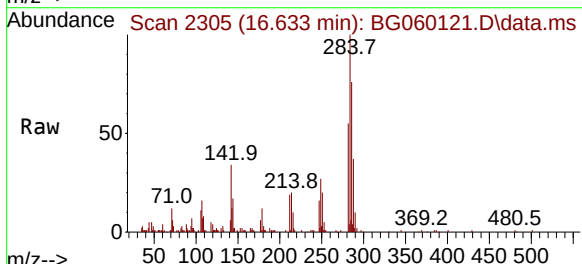
APPROVED

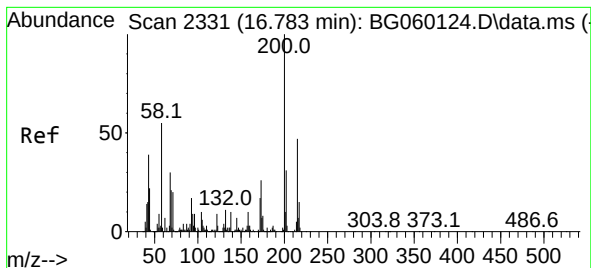
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#68
Hexachlorobenzene
Concen: 5.029 ng
RT: 16.633 min Scan# 2305
Delta R.T. 0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Tgt Ion:284 Resp: 59639
Ion Ratio Lower Upper
284 100
142 33.6 24.7 37.1
249 29.6 25.8 38.8





#69

Atrazine

Concen: 6.471 ng

RT: 16.780 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG060121.D

Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

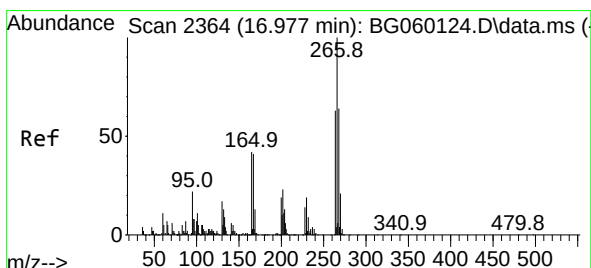
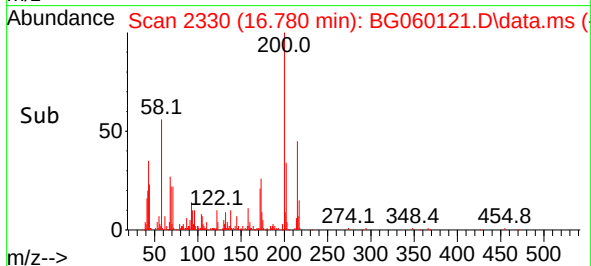
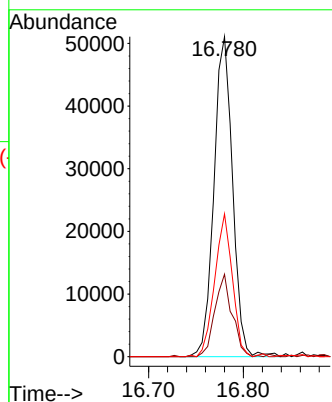
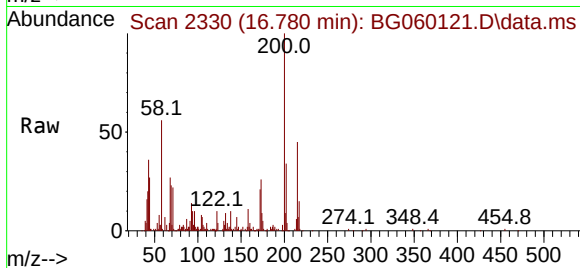
Tgt Ion:200 Resp: 69824
 Ion Ratio Lower Upper
 200 100
 173 25.8 6.5 46.5
 215 44.6 26.5 66.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#70

Pentachlorophenol

Concen: 4.138 ng m

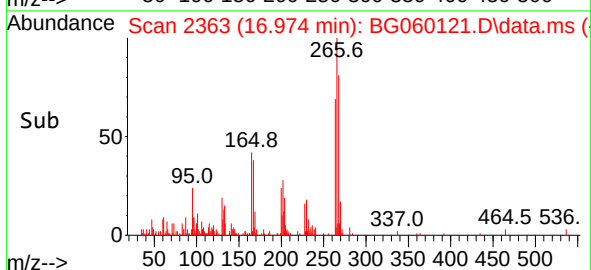
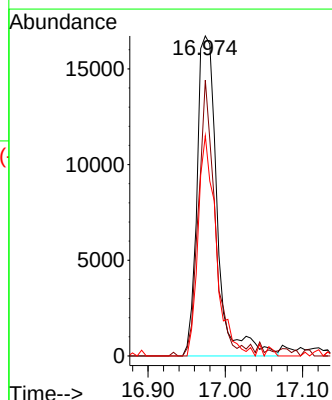
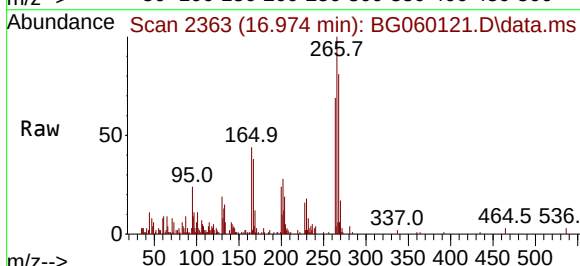
RT: 16.974 min Scan# 2363

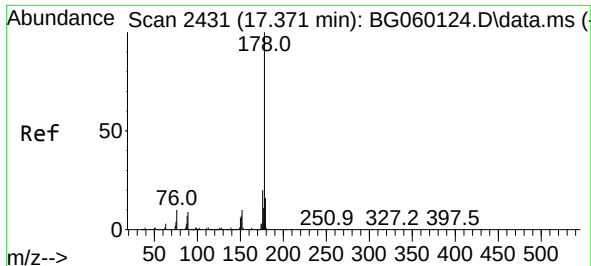
Delta R.T. -0.003 min

Lab File: BG060121.D

Acq: 21 Dec 2023 14:06

Tgt Ion:266 Resp: 30380
 Ion Ratio Lower Upper
 266 100
 268 80.5 54.2 81.4
 264 68.8 50.0 75.0





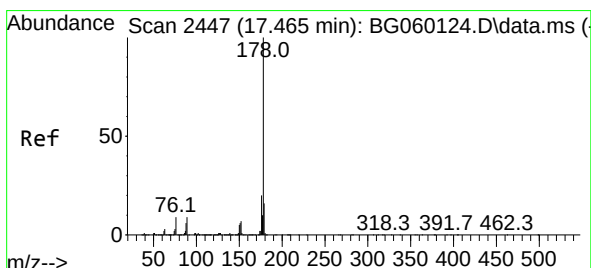
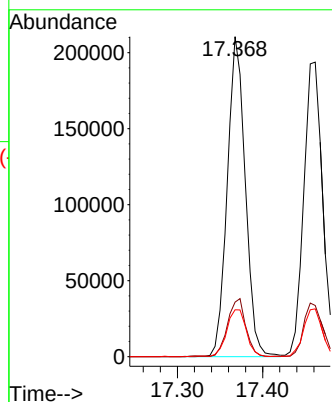
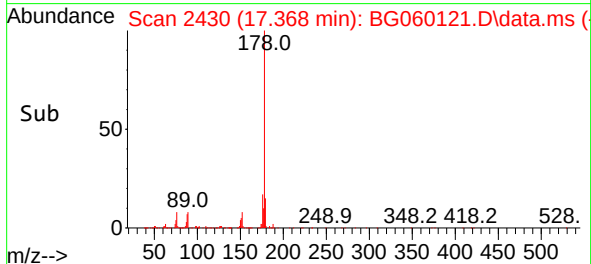
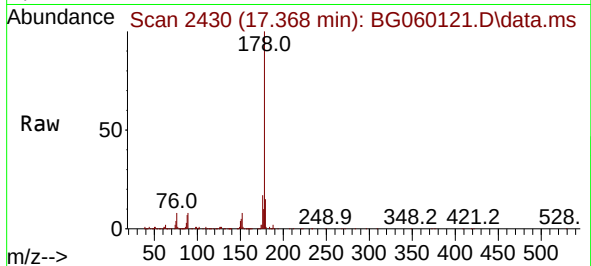
#71
Phenanthrene
Concen: 5.574 ng
RT: 17.368 min Scan# 2431
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 308715
Ion Ratio Lower Upper
178 100
176 17.0 16.0 24.0
179 14.7 13.2 19.8

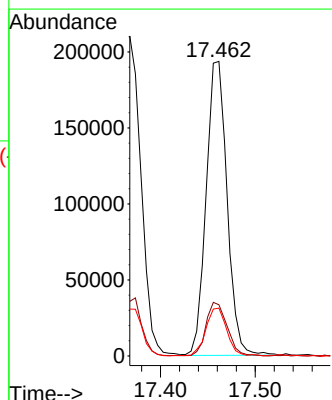
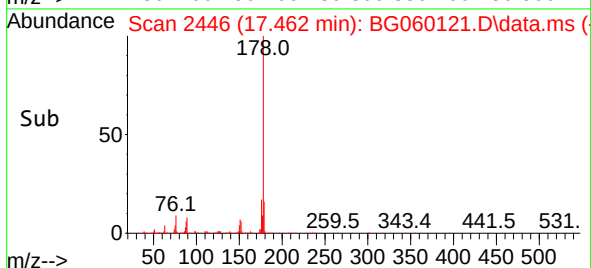
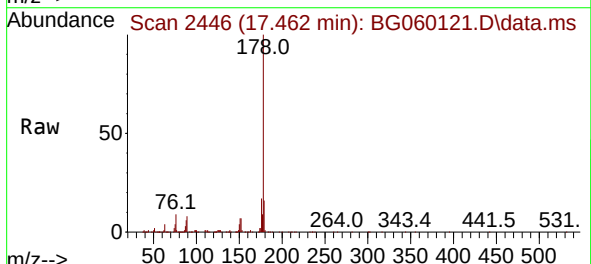
Manual Integrations
APPROVED

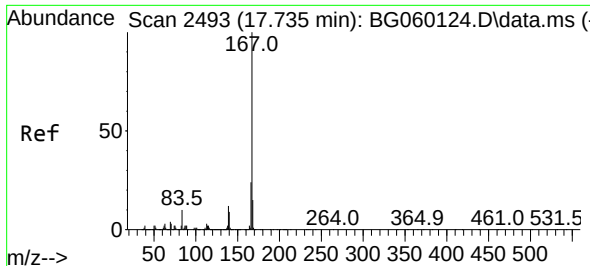
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#72
Anthracene
Concen: 5.334 ng
RT: 17.462 min Scan# 2446
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Tgt Ion:178 Resp: 297424
Ion Ratio Lower Upper
178 100
176 17.4 16.2 24.2
179 16.2 12.6 19.0





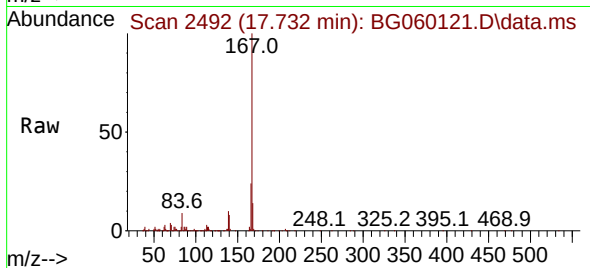
#73
 Carbazole
 Concen: 5.437 ng
 RT: 17.732 min Scan# 2493
 Delta R.T. -0.003 min
 Lab File: BG060121.D
 Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

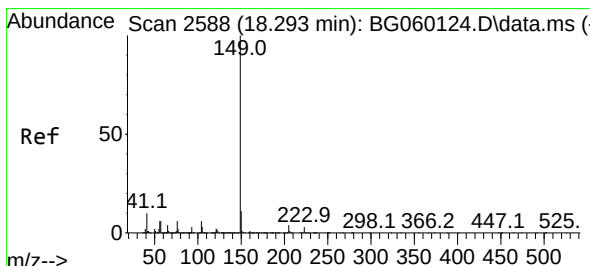
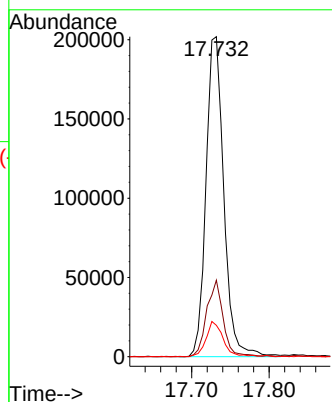
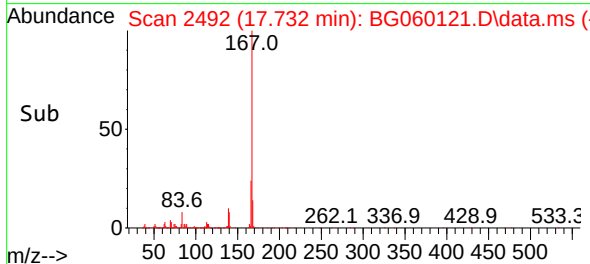


Tgt Ion:167 Resp: 321820
 Ion Ratio Lower Upper
 167 100
 166 23.9 19.0 28.6
 139 9.8 9.4 14.2

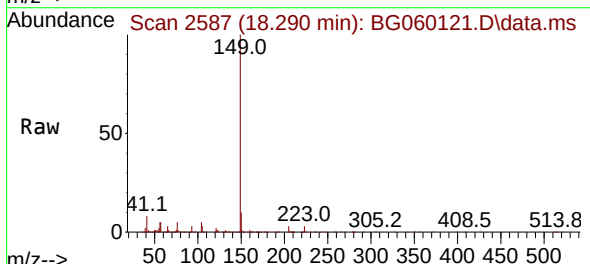
Manual Integrations

APPROVED

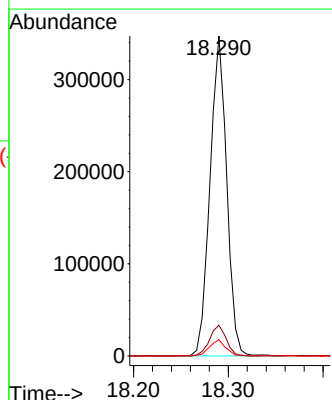
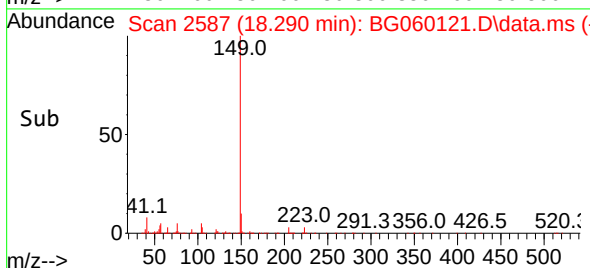
Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/22/2023

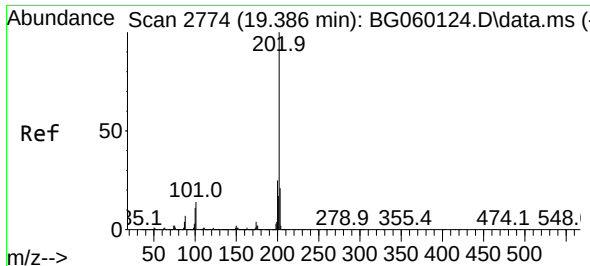


#74
 Di-n-butylphthalate
 Concen: 6.039 ng
 RT: 18.290 min Scan# 2587
 Delta R.T. -0.003 min
 Lab File: BG060121.D
 Acq: 21 Dec 2023 14:06



Tgt Ion:149 Resp: 423854
 Ion Ratio Lower Upper
 149 100
 150 9.6 9.0 13.6
 104 5.1 4.6 6.8





#75
Fluoranthene
Concen: 5.829 ng
RT: 19.383 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

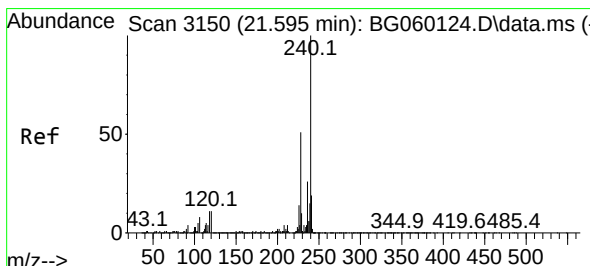
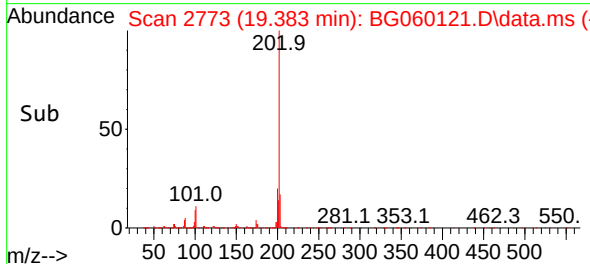
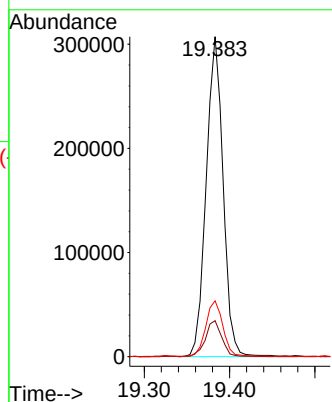
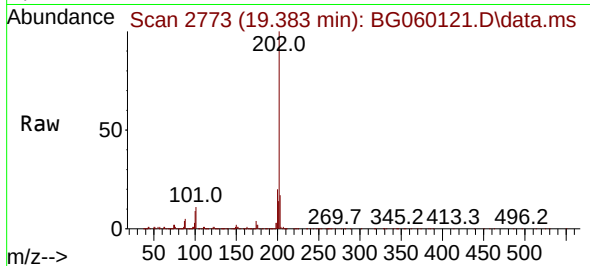
SSTDICC005

Tgt Ion:202 Resp: 423800
Ion Ratio Lower Upper
202 100
101 11.2 0.0 33.7
203 17.4 1.0 41.0

Manual Integrations

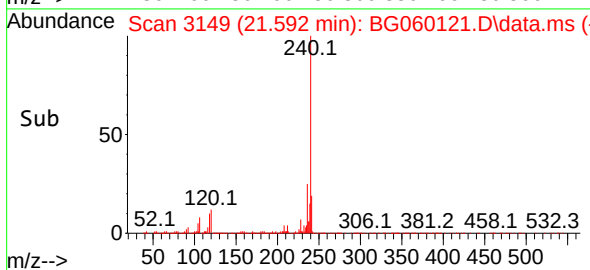
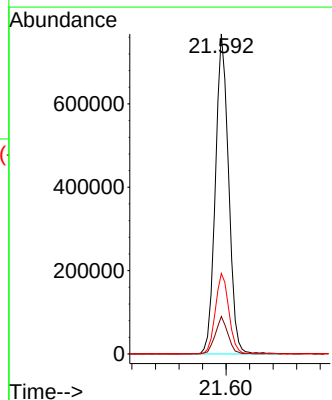
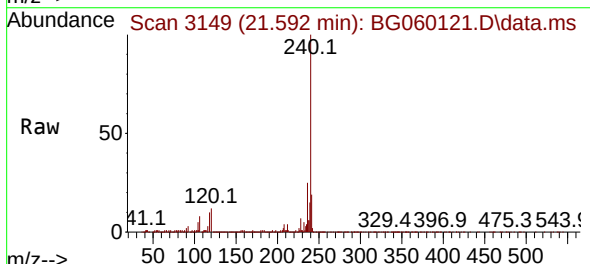
APPROVED

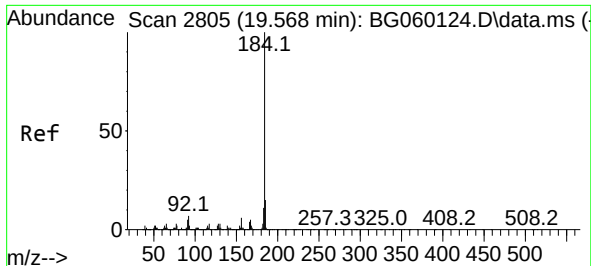
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3149
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Tgt Ion:240 Resp: 1197460
Ion Ratio Lower Upper
240 100
120 11.7 9.0 13.6
236 25.2 20.4 30.6





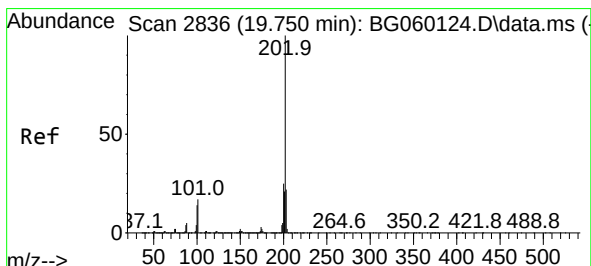
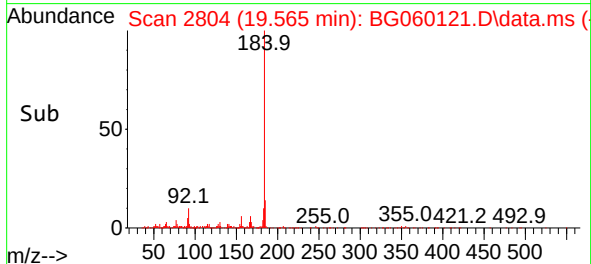
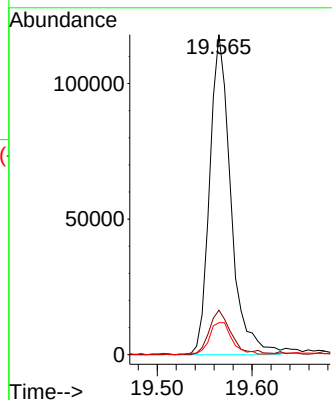
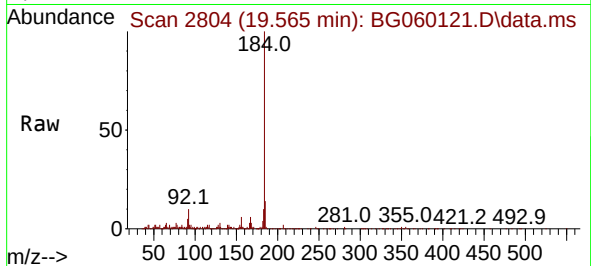
#77
Benzidine
Concen: 5.645 ng
RT: 19.565 min Scan# 2804
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:184 Resp: 182764
Ion Ratio Lower Upper
184 100
185 13.9 11.7 17.5
183 10.0 9.0 13.6

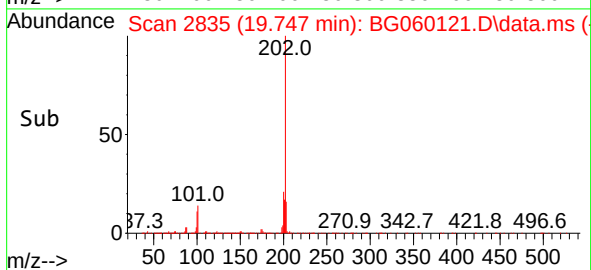
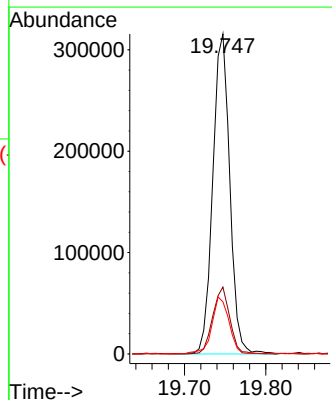
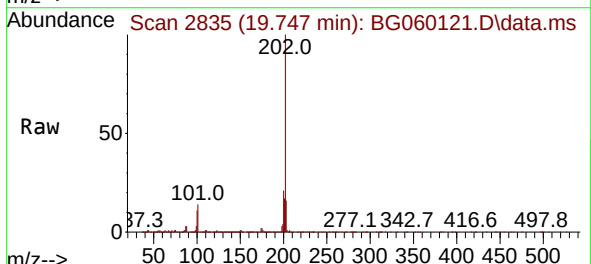
Manual Integrations
APPROVED

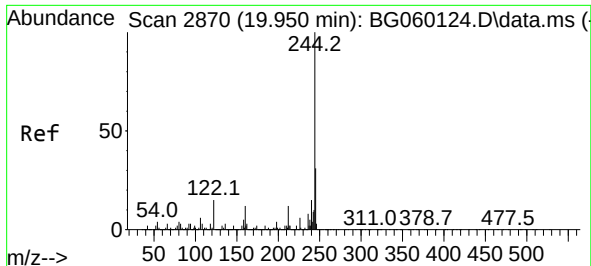
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#78
Pyrene
Concen: 5.014 ng
RT: 19.747 min Scan# 2835
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Tgt Ion:202 Resp: 458320
Ion Ratio Lower Upper
202 100
200 20.9 20.2 30.2
203 16.3 17.3 25.9#





#79
Terphenyl-d14
Concen: 11.472 ng
RT: 19.947 min Scan# 2869
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

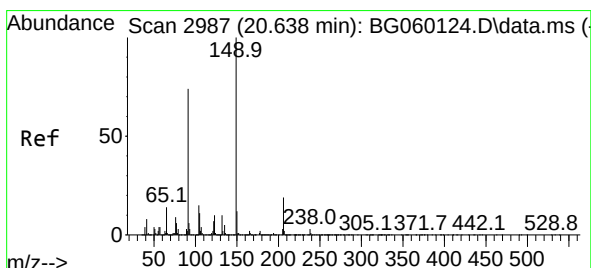
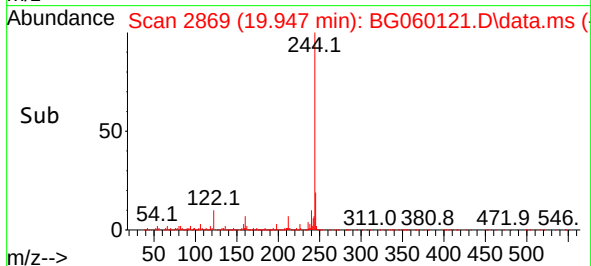
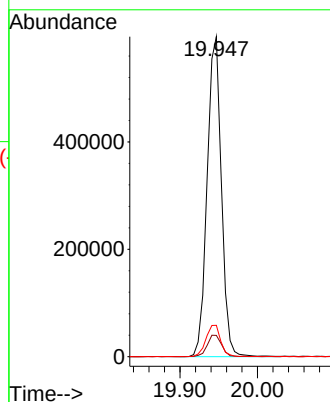
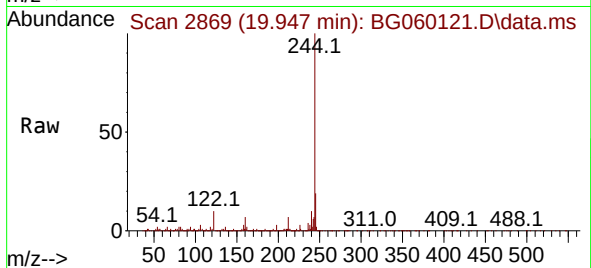
SSTDICC005

Tgt Ion:244 Resp: 759152
Ion Ratio Lower Upper
244 100
212 6.7 9.5 14.3
122 9.8 12.2 18.4

Manual Integrations

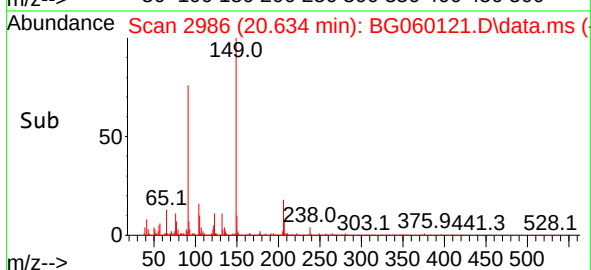
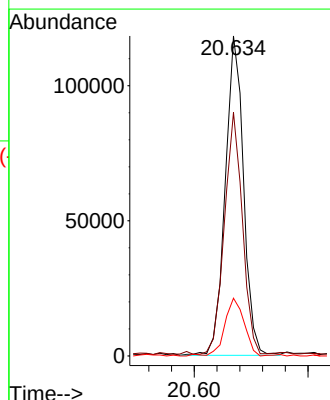
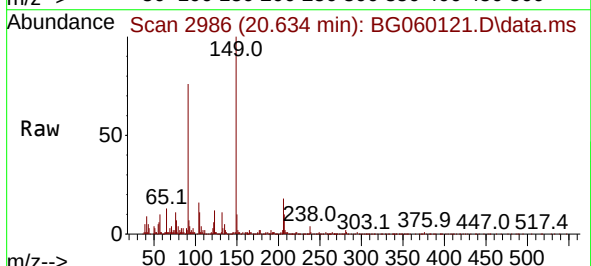
APPROVED

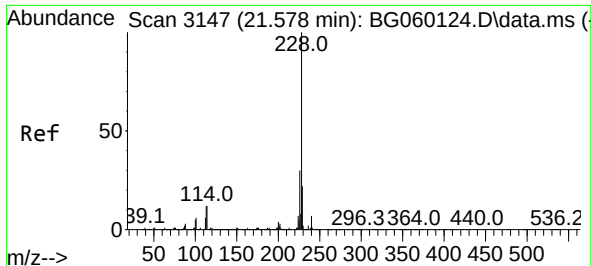
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#80
Butylbenzylphthalate
Concen: 4.320 ng
RT: 20.634 min Scan# 2986
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

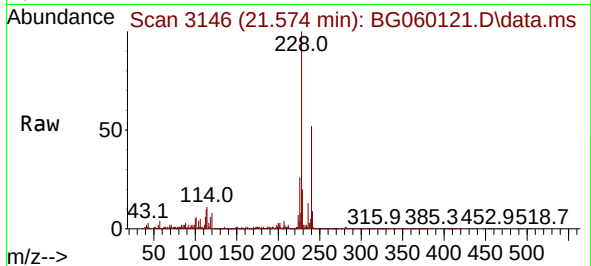
Tgt Ion:149 Resp: 132342
Ion Ratio Lower Upper
149 100
91 76.1 59.3 88.9
206 18.0 15.0 22.6





#81
Benzo(a)anthracene
Concen: 5.573 ng
RT: 21.574 min Scan# 3147
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

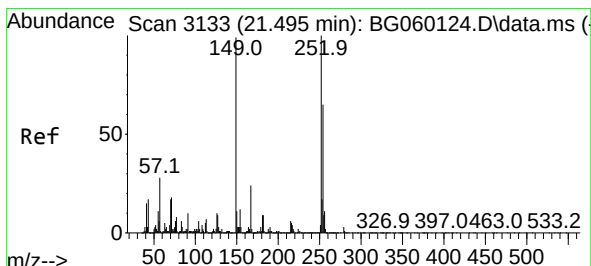
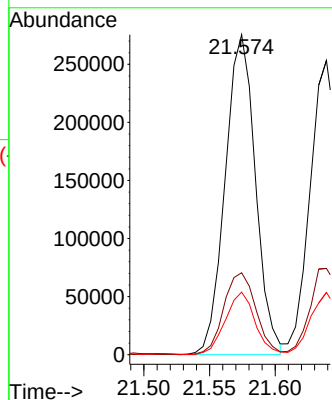
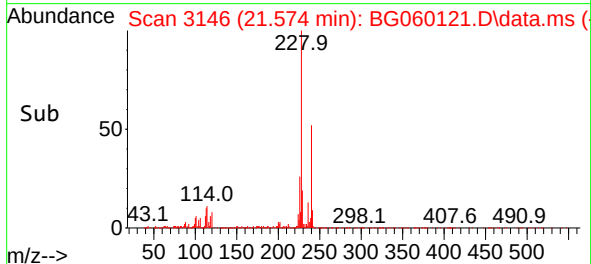
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:228 Resp: 443418
Ion Ratio Lower Upper
228 100
226 25.6 23.8 35.6
229 19.6 17.4 26.0

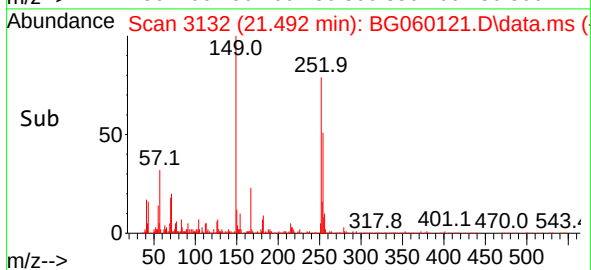
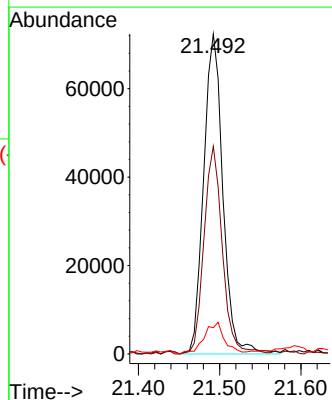
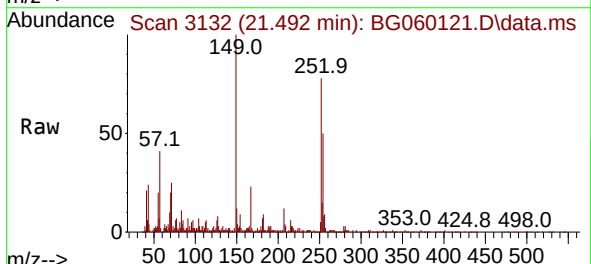
Manual Integrations
APPROVED

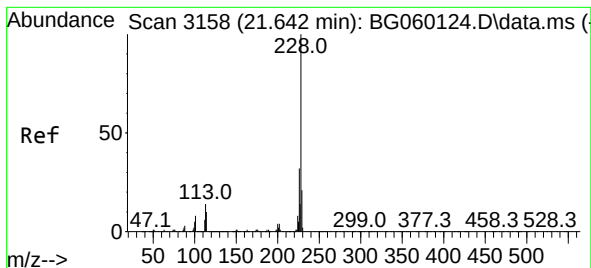
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#82
3,3'-Dichlorobenzidine
Concen: 5.046 ng
RT: 21.492 min Scan# 3132
Delta R.T. -0.003 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Tgt Ion:252 Resp: 119022
Ion Ratio Lower Upper
252 100
254 64.9 51.6 77.4
126 8.2 8.1 12.1





#83

Chrysene

Concen: 5.509 ng

RT: 21.639 min Scan# 3158

Delta R.T. -0.003 min

Lab File: BG060121.D

Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

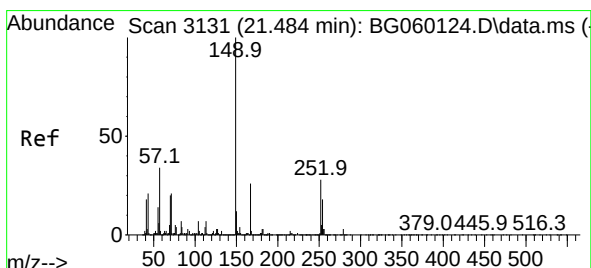
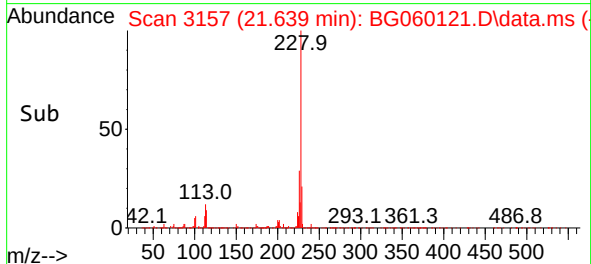
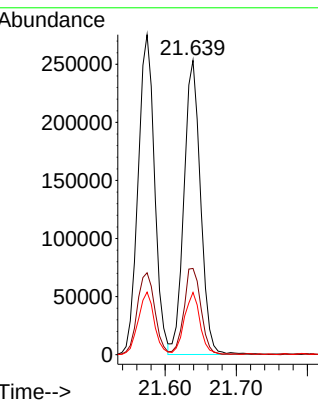
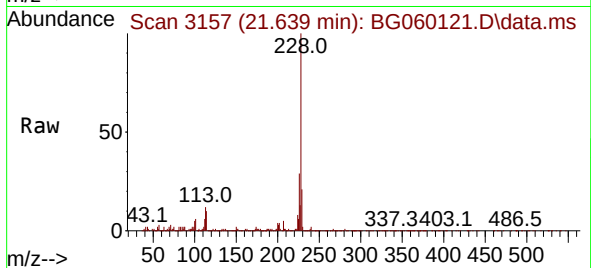
Tgt Ion:228 Resp: 411515
 Ion Ratio Lower Upper
 228 100
 226 29.3 25.7 38.5
 229 21.2 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.595 ng

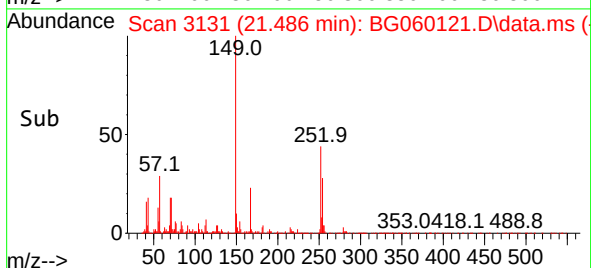
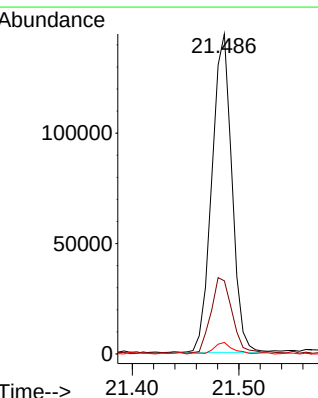
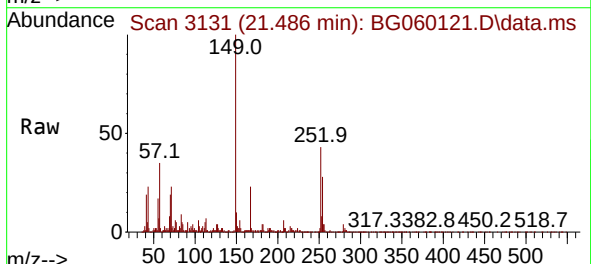
RT: 21.486 min Scan# 3131

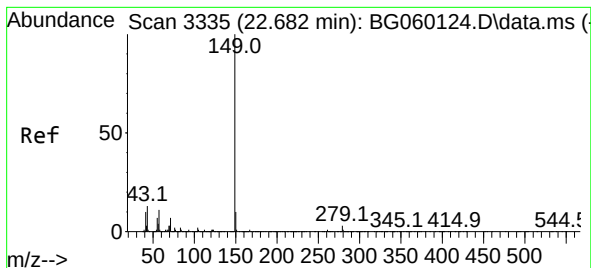
Delta R.T. 0.003 min

Lab File: BG060121.D

Acq: 21 Dec 2023 14:06

Tgt Ion:149 Resp: 187615
 Ion Ratio Lower Upper
 149 100
 167 22.8 20.5 30.7
 279 3.6 2.1 3.1#





#85

Di-n-octyl phthalate

Concen: 4.550 ng

RT: 22.679 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG060121.D

Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

SSTDIC005

Tgt Ion:149 Resp: 30959

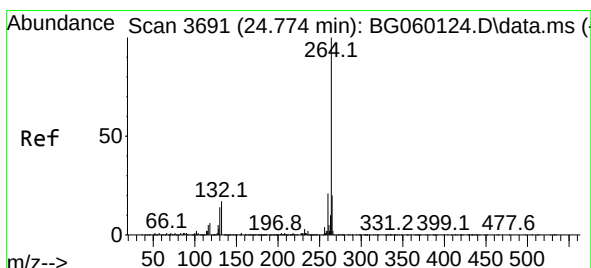
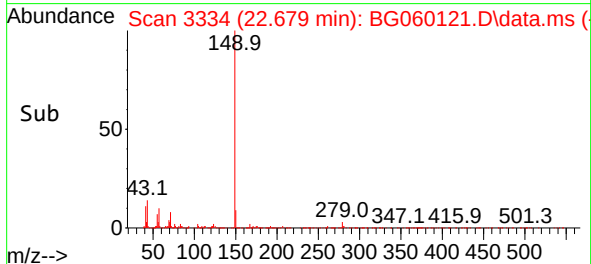
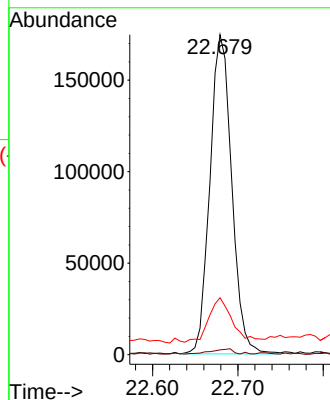
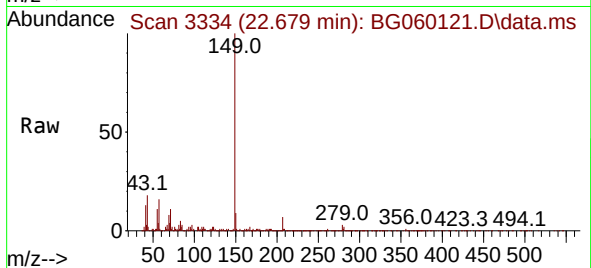
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	15.0	10.7	16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.771 min Scan# 3690

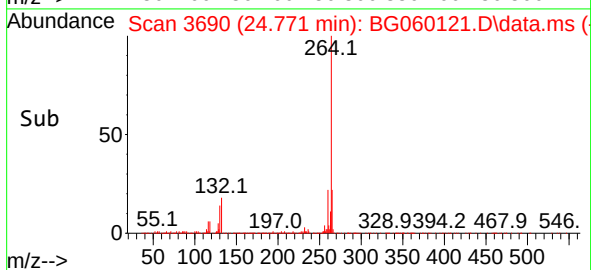
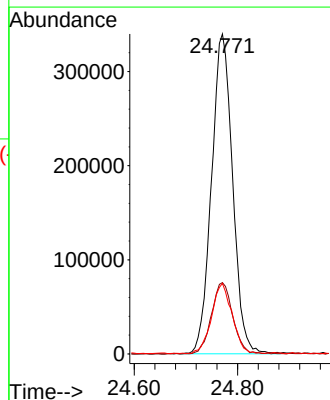
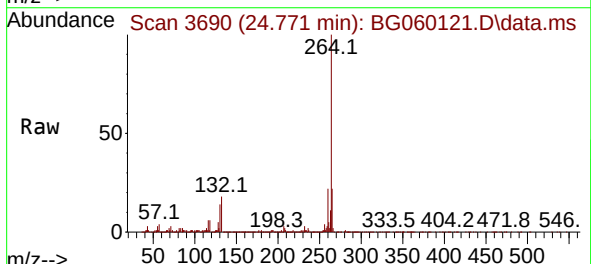
Delta R.T. -0.003 min

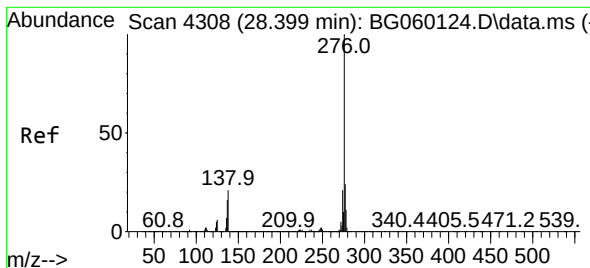
Lab File: BG060121.D

Acq: 21 Dec 2023 14:06

Tgt Ion:264 Resp: 962571

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.1	25.7
265	22.1	16.0	24.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.040 ng

RT: 28.378 min Scan# 41

Delta R.T. -0.021 min

Lab File: BG060121.D

Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:276 Resp: 338600

Ion Ratio Lower Upper

276 100

138 16.3 15.0 22.6

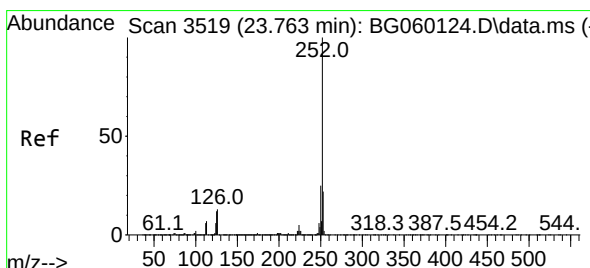
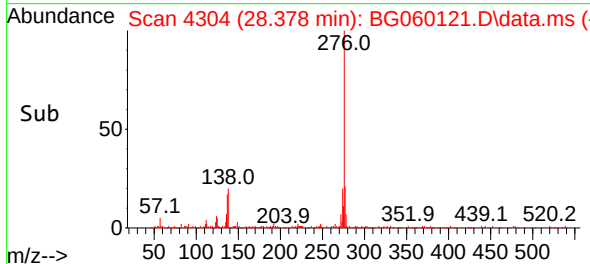
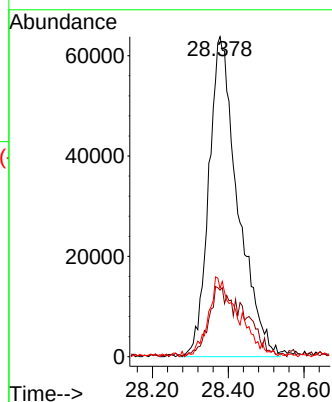
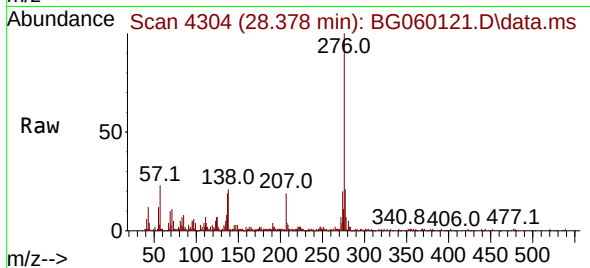
277 19.4 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#88

Benzo(b)fluoranthene

Concen: 5.423 ng

RT: 23.754 min Scan# 3517

Delta R.T. -0.009 min

Lab File: BG060121.D

Acq: 21 Dec 2023 14:06

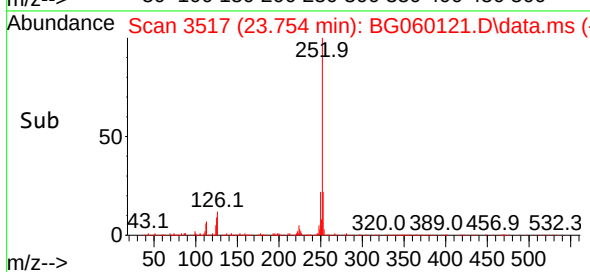
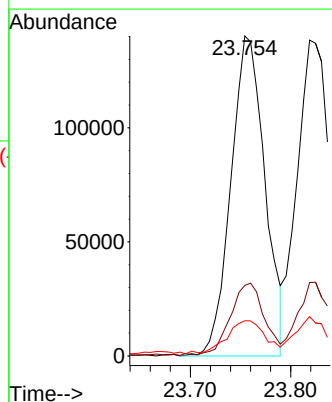
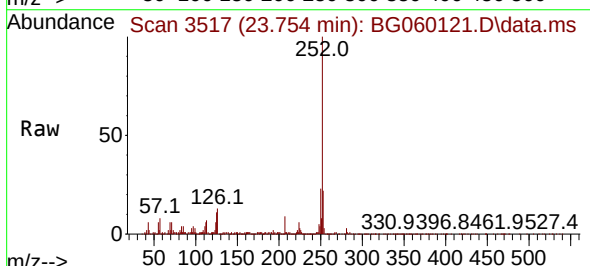
Tgt Ion:252 Resp: 330072

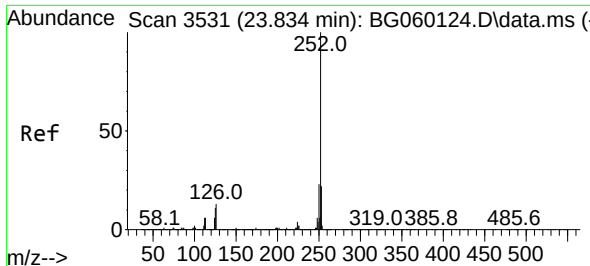
Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

125 11.0 9.3 13.9





#89
Benzo(k)fluoranthene
Concen: 5.565 ng
RT: 23.819 min Scan# 3531
Delta R.T. -0.015 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

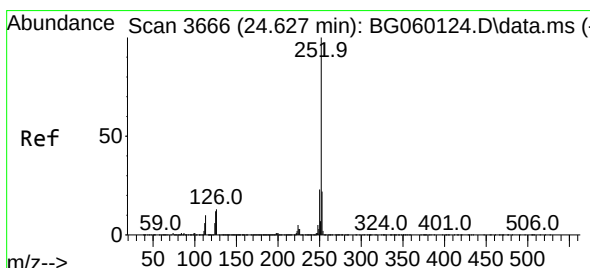
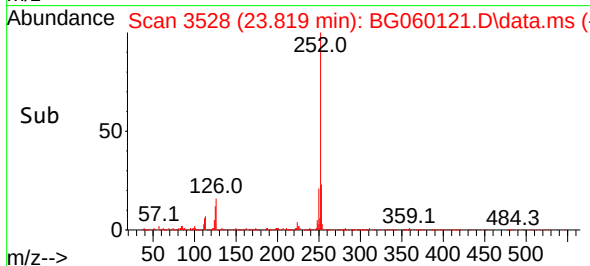
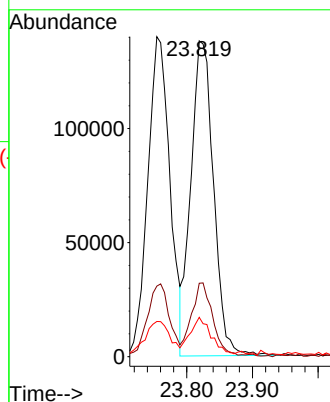
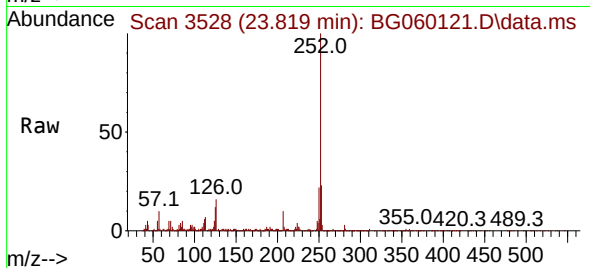
SSTDICC005

Tgt Ion:252 Resp: 33196
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 12.5 8.8 13.2

Manual Integrations

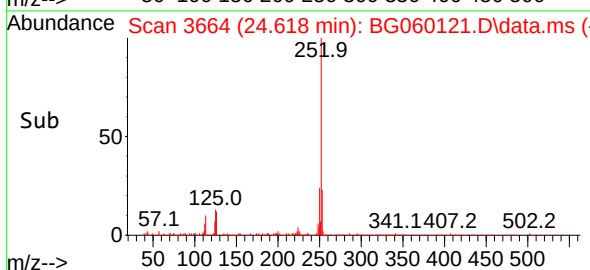
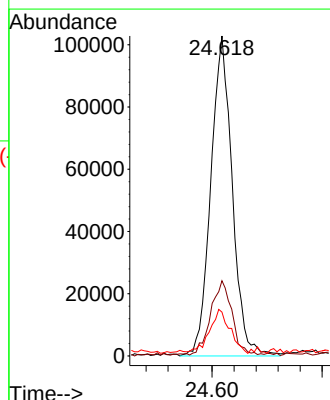
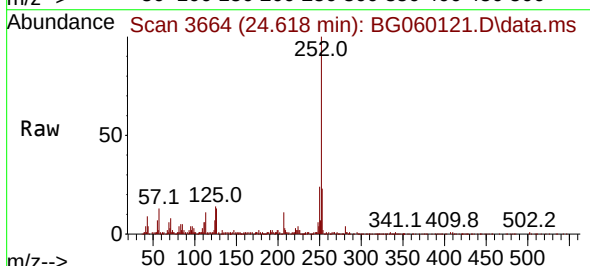
APPROVED

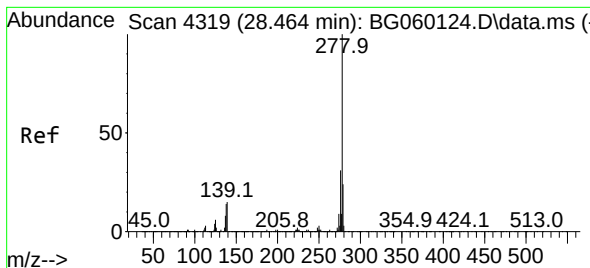
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#90
Benzo(a)pyrene
Concen: 5.198 ng
RT: 24.618 min Scan# 3664
Delta R.T. -0.009 min
Lab File: BG060121.D
Acq: 21 Dec 2023 14:06

Tgt Ion:252 Resp: 278753
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.0
125 13.7 9.7 14.5





#91

Dibenzo(a,h)anthracene

Concen: 5.002 ng

RT: 28.455 min Scan# 41

Delta R.T. -0.009 min

Lab File: BG060121.D

Acq: 21 Dec 2023 14:06

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:278 Resp: 277538

Ion Ratio Lower Upper

278 100

139 16.7 12.3 18.5

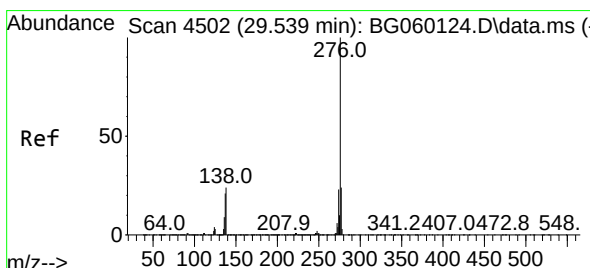
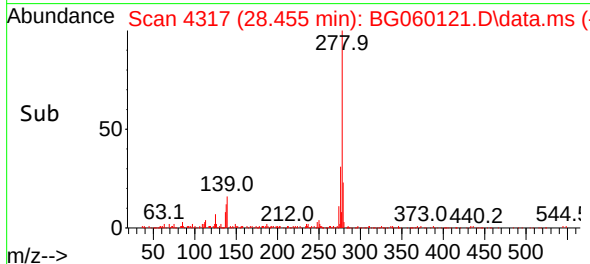
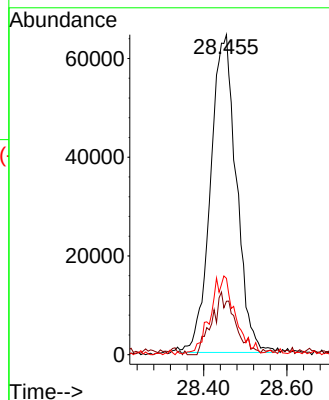
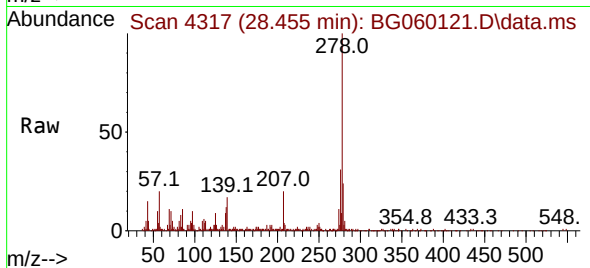
279 23.9 19.5 29.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#92

Benzo(g,h,i)perylene

Concen: 5.198 ng

RT: 29.506 min Scan# 4496

Delta R.T. -0.033 min

Lab File: BG060121.D

Acq: 21 Dec 2023 14:06

Tgt Ion:276 Resp: 291310

Ion Ratio Lower Upper

276 100

277 20.7 19.5 29.3

138 17.1 19.0 28.6

