

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060006.D
 Acq On : 14 Dec 2023 10:06
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/16/2023

Quant Time: Dec 14 10:40:07 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Dec 14 01:47:12 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	55691	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	199091	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	173129	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	532387	20.000	ng	0.00
76) Chrysene-d12	21.613	240	674346	20.000	ng	0.00
86) Perylene-d12	24.792	264	775309	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.520	112	275605	84.717	ng	0.00
7) Phenol-d6	7.107	99	366141	80.009	ng	0.00
23) Nitrobenzene-d5	9.116	82	363881	82.993	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	336262	83.342	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1122155	79.328	ng	0.00
79) Terphenyl-d14	19.962	244	3138780	84.979	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	58017	37.688	ng	89
3) Pyridine	3.828	79	176772	41.003	ng	96
4) n-Nitrosodimethylamine	3.746	42	83114	39.194	ng	# 79
6) Aniline	7.277	93	185861	39.875	ng	100
8) 2-Chlorophenol	7.518	128	123014	39.902	ng	98
9) Benzaldehyde	7.089	77	115526	41.518	ng	100
10) Phenol	7.136	94	187909	40.875	ng	97
11) bis(2-Chloroethyl)ether	7.377	93	129454	39.335	ng	99
12) 1,3-Dichlorobenzene	7.847	146	166642	40.422	ng	97
13) 1,4-Dichlorobenzene	7.994	146	167561	39.060	ng	96
14) 1,2-Dichlorobenzene	8.311	146	161847	39.214	ng	99
15) Benzyl Alcohol	8.188	79	147314	40.053	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.487	45	242164m	41.120	ng	
17) 2-Methylphenol	8.387	107	122043	39.819	ng	96
18) Hexachloroethane	9.040	117	52986	40.774	ng	96
19) n-Nitroso-di-n-propyla...	8.758	70	116774	39.552	ng	# 91
20) 3+4-Methylphenols	8.716	107	168375	39.330	ng	96
22) Acetophenone	8.775	105	243099	41.901	ng	93
24) Nitrobenzene	9.157	77	186980	42.006	ng	96
25) Isophorone	9.680	82	349984	41.707	ng	# 97
26) 2-Nitrophenol	9.868	139	73496	44.895	ng	# 85
27) 2,4-Dimethylphenol	9.921	122	93009	41.449	ng	92
28) bis(2-Chloroethoxy)met...	10.168	93	179598	41.453	ng	99
29) 2,4-Dichlorophenol	10.397	162	171806	42.629	ng	97
30) 1,2,4-Trichlorobenzene	10.620	180	230697	42.289	ng	98
31) Naphthalene	10.814	128	429707	41.460	ng	97
32) Benzoic acid	10.038	122	94475	46.285	ng	94
33) 4-Chloroaniline	10.914	127	164481	41.708	ng	98
34) Hexachlorobutadiene	11.096	225	206647	41.387	ng	97
35) Caprolactam	11.678	113	44709	43.669	ng	# 85
36) 4-Chloro-3-methylphenol	12.030	107	155855	42.521	ng	97
37) 2-Methylnaphthalene	12.418	142	327054	40.234	ng	97
38) 1-Methylnaphthalene	12.635	142	327085	40.734	ng	98
40) 1,2,4,5-Tetrachloroben...	12.782	216	356740	39.525	ng	99
41) Hexachlorocyclopentadiene	12.765	237	152508	40.896	ng	98
43) 2,4,6-Trichlorophenol	13.017	196	201489	39.815	ng	99

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Manual Integrations
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Reviewed By :Yogesh Patel 12/15/2023
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Quant Time: Dec 14 10:40:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

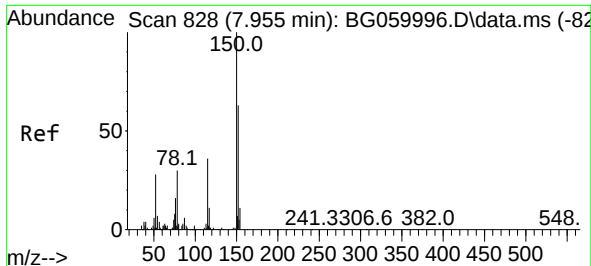
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.088	196	231687	42.090	ng	99
46) 1,1'-Biphenyl	13.429	154	512098	39.885	ng	100
47) 2-Chloronaphthalene	13.470	162	441840	39.736	ng	95
48) 2-Nitroaniline	13.664	65	107052	44.599	ng	89
49) Acenaphthylene	14.316	152	624664	41.069	ng	99
50) Dimethylphthalate	14.045	163	551113	41.010	ng	98
51) 2,6-Dinitrotoluene	14.163	165	116843	41.973	ng	99
52) Acenaphthene	14.657	154	425964	40.684	ng	100
53) 3-Nitroaniline	14.492	138	95008	42.711	ng	94
54) 2,4-Dinitrophenol	14.692	184	92894	45.292	ng	92
55) Dibenzofuran	14.991	168	698567	40.992	ng	98
56) 4-Nitrophenol	14.786	139	81155	43.409	ng	91
57) 2,4-Dinitrotoluene	14.950	165	174839	44.679	ng	97
58) Fluorene	15.638	166	581579	40.471	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.215	232	240016	41.889	ng	97
60) Diethylphthalate	15.414	149	517893	41.884	ng	98
61) 4-Chlorophenyl-phenyle...	15.638	204	419528	40.537	ng	97
62) 4-Nitroaniline	15.661	138	107901	44.546	ng	96
63) Azobenzene	15.926	77	496562	40.732	ng	98
65) 4,6-Dinitro-2-methylph...	15.708	198	145294	43.527	ng	93
66) n-Nitrosodiphenylamine	15.849	169	533171	40.994	ng	94
67) 4-Bromophenyl-phenylether	16.531	248	304215	40.499	ng	96
68) Hexachlorobenzene	16.642	284	364120	41.466	ng	97
69) Atrazine	16.795	200	185728	41.588	ng	97
70) Pentachlorophenol	16.983	266	244929	43.055	ng	97
71) Phenanthrene	17.383	178	1068573	41.438	ng	99
72) Anthracene	17.477	178	1069468	41.248	ng	98
73) Carbazole	17.741	167	921964	41.845	ng	99
74) Di-n-butylphthalate	18.311	149	869829	43.276	ng	98
75) Fluoranthene	19.398	202	1620007	43.051	ng	99
77) Benzidine	19.580	184	589341	68.039	ng	98
78) Pyrene	19.756	202	1670309	40.861	ng	98
80) Butylbenzylphthalate	20.655	149	320759	43.691	ng	97
81) Benzo(a)anthracene	21.590	228	1883787	41.587	ng	99
82) 3,3'-Dichlorobenzidine	21.507	252	635179	42.614	ng	100
83) Chrysene	21.660	228	1784520	41.583	ng	98
84) Bis(2-ethylhexyl)phtha...	21.513	149	484340	43.526	ng	97
85) Di-n-octyl phthalate	22.718	149	832486	43.250	ng	100
87) Indeno(1,2,3-cd)pyrene	28.429	276	2283654	41.272	ng	# 98
88) Benzo(b)fluoranthene	23.787	252	2025563	42.303	ng	98
89) Benzo(k)fluoranthene	23.852	252	1894728	40.795	ng	98
90) Benzo(a)pyrene	24.651	252	1763612	41.572	ng	99
91) Dibenzo(a,h)anthracene	28.505	278	1964691	42.462	ng	# 98
92) Benzo(g,h,i)perylene	29.568	276	1887762	41.018	ng	# 98

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

Manual Integrations APPROVED

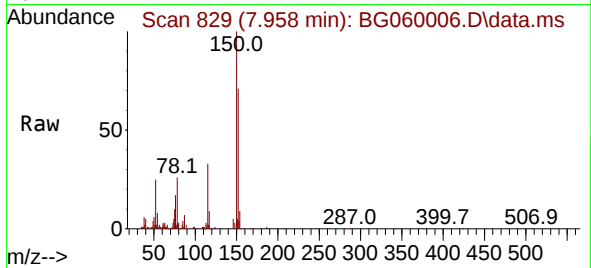
Quant Time: Dec 14 10:40:07 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 01:47:12 2023
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

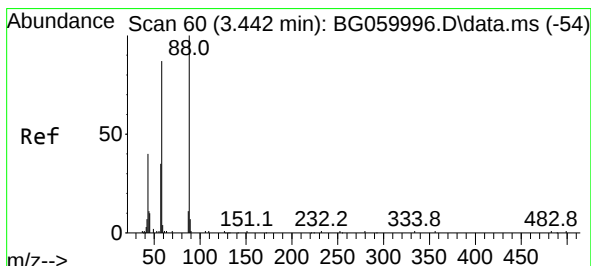
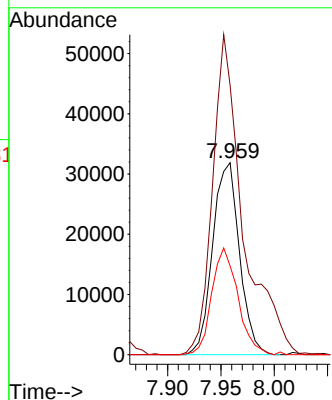
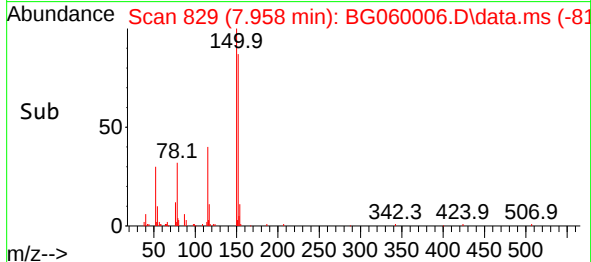
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 5569
Ion Ratio Lower Upper
152 100
150 140.2 127.0 190.6
115 46.1 45.7 68.5

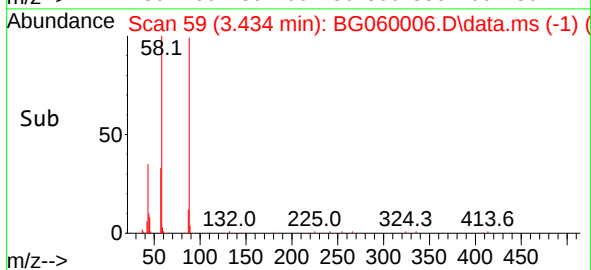
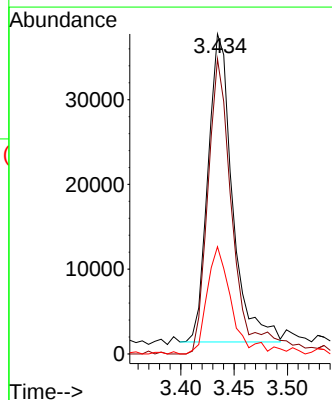
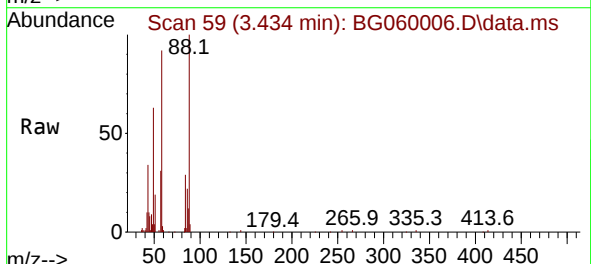
Manual Integrations
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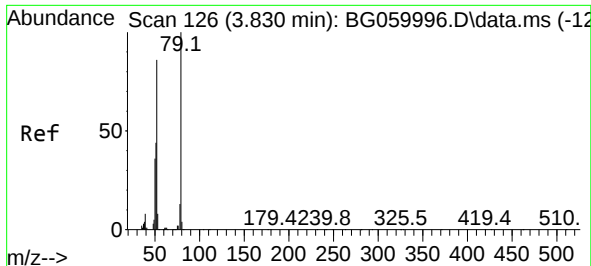
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#2
1,4-Dioxane
Concen: 37.688 ng
RT: 3.434 min Scan# 59
Delta R.T. -0.008 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

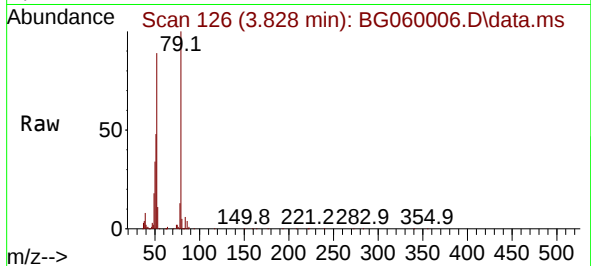
Tgt Ion: 88 Resp: 58017
Ion Ratio Lower Upper
88 100
58 99.9 68.5 102.7
43 35.8 28.8 43.2





#3
Pyridine
Concen: 41.003 ng
RT: 3.828 min Scan# 112
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

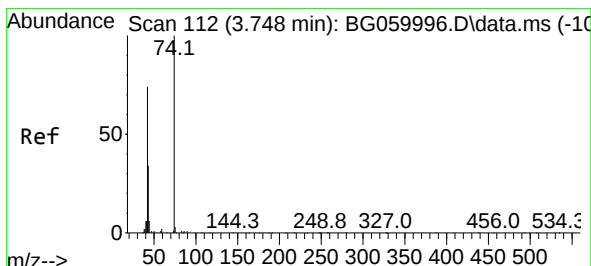
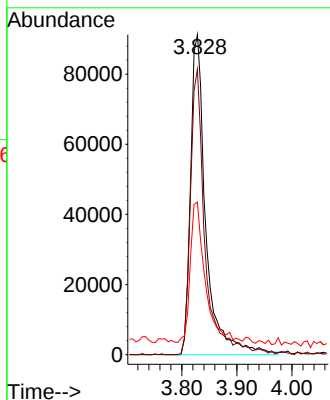
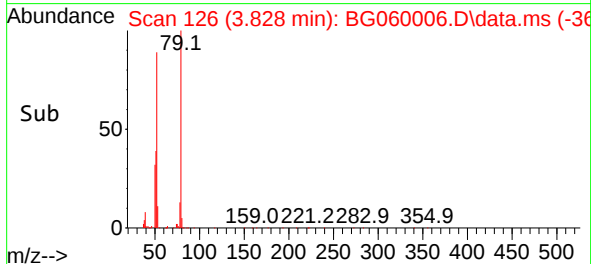
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



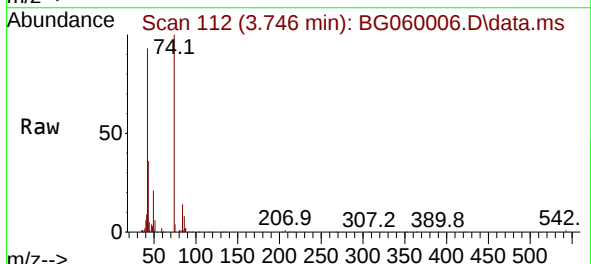
Tgt Ion: 79 Resp: 176772
Ion Ratio Lower Upper
79 100
52 89.2 68.7 103.1
51 47.7 41.1 61.7

Manual Integrations
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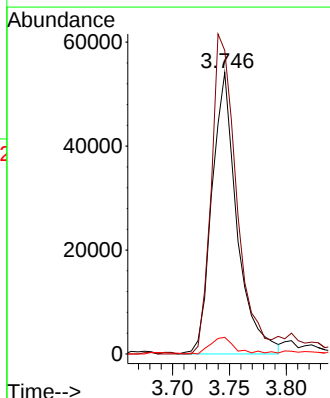
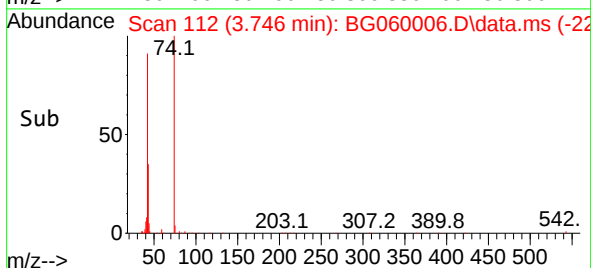
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023

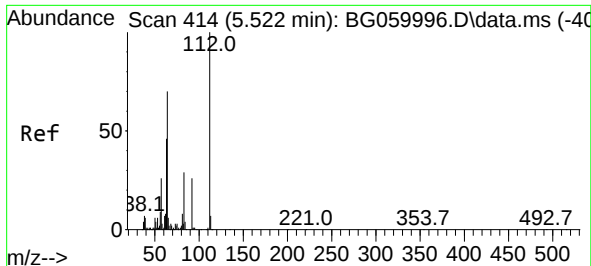


#4
n-Nitrosodimethylamine
Concen: 39.194 ng
RT: 3.746 min Scan# 112
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06



Tgt Ion: 42 Resp: 83114
Ion Ratio Lower Upper
42 100
74 107.8 107.4 161.2
44 5.9 6.0 9.0#





#5
2-Fluorophenol
Concen: 84.717 ng
RT: 5.520 min Scan# 414
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

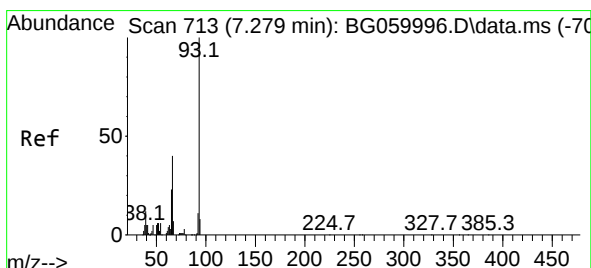
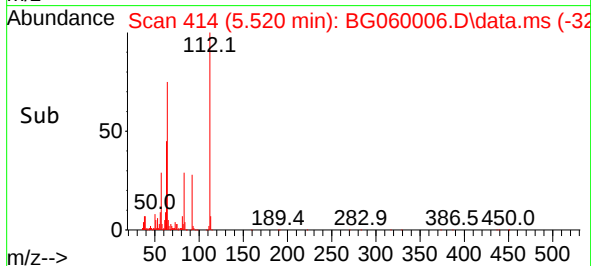
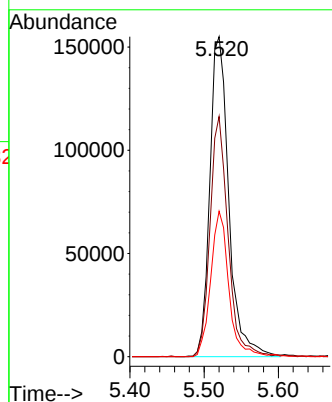
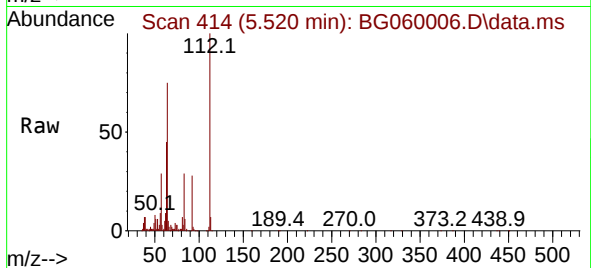
ClientSampleId :

SSTDCCC040

Tgt Ion:112 Resp: 27560
Ion Ratio Lower Upper
112 100
64 75.1 55.9 83.9
63 45.4 36.5 54.7

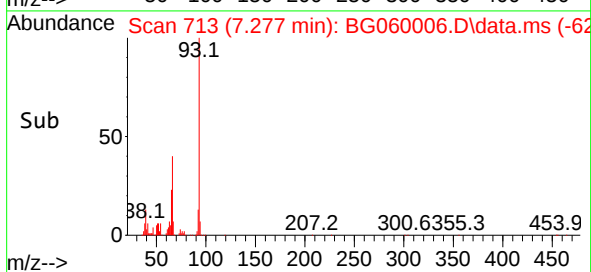
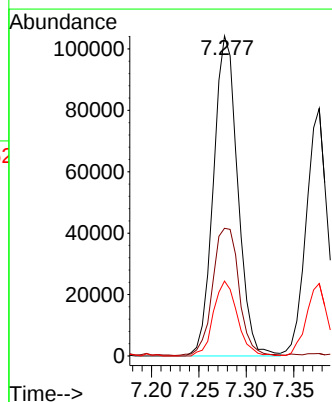
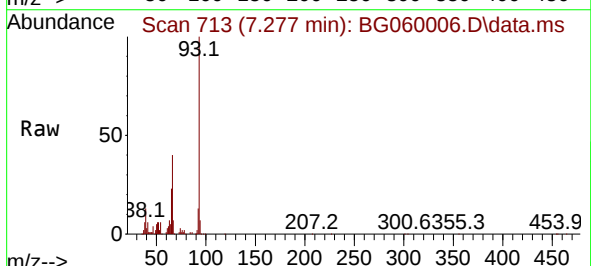
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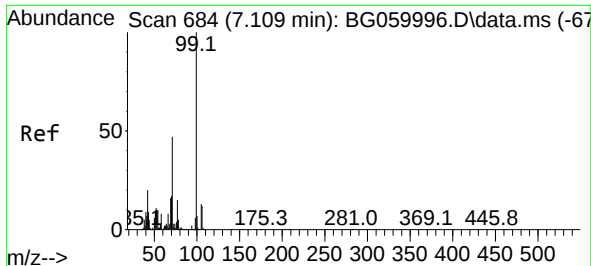
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#6
Aniline
Concen: 39.875 ng
RT: 7.277 min Scan# 713
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Tgt Ion: 93 Resp: 185861
Ion Ratio Lower Upper
93 100
66 39.9 31.8 47.8
65 23.4 18.6 28.0





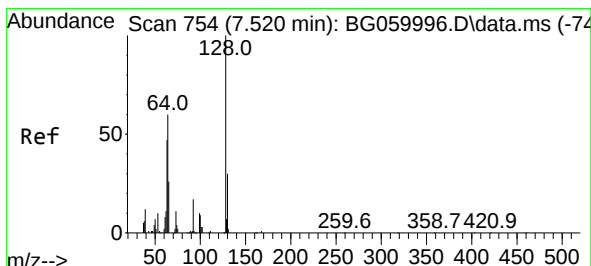
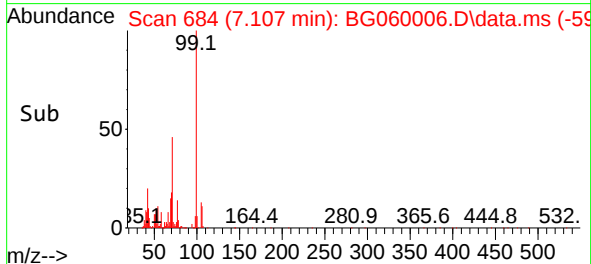
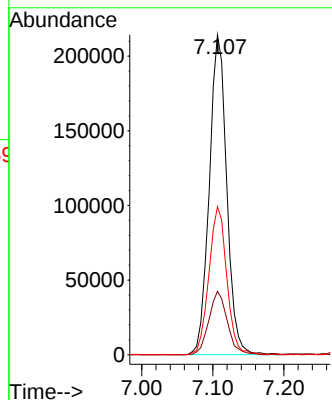
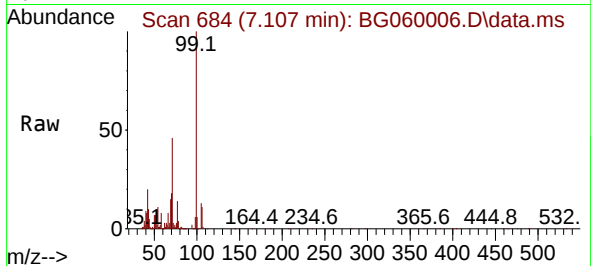
#7
Phenol-d6
Concen: 80.009 ng
RT: 7.107 min Scan# 684
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 36614
Ion Ratio Lower Upper
99 100
42 19.8 16.2 24.4
71 46.3 37.6 56.4

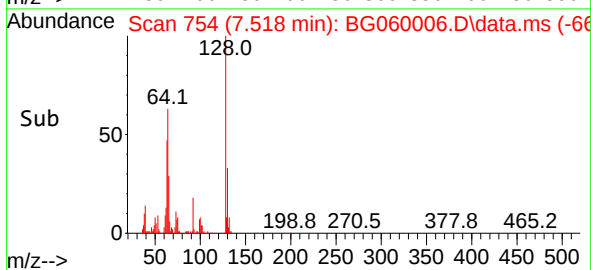
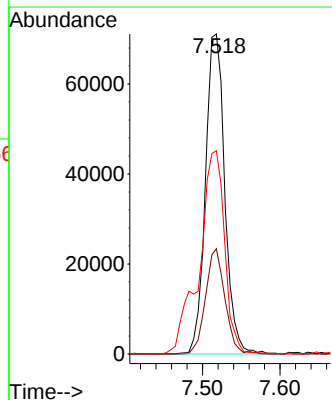
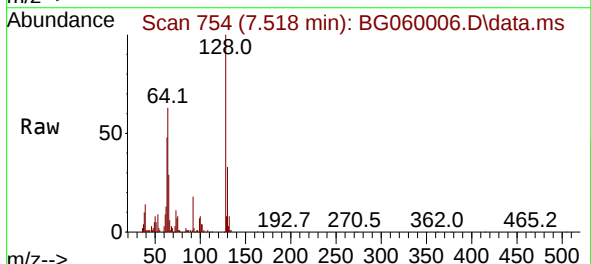
Manual Integrations
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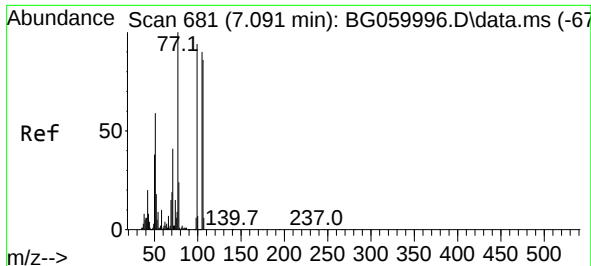
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#8
2-Chlorophenol
Concen: 39.902 ng
RT: 7.518 min Scan# 754
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Tgt Ion:128 Resp: 123014
Ion Ratio Lower Upper
128 100
130 32.9 10.3 50.3
64 63.5 44.2 84.2





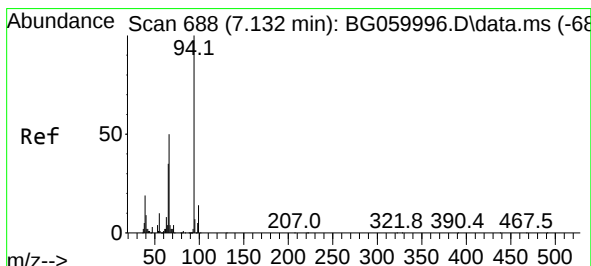
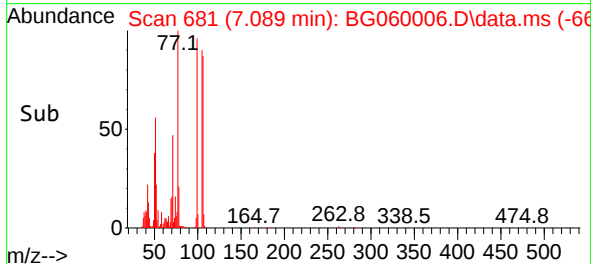
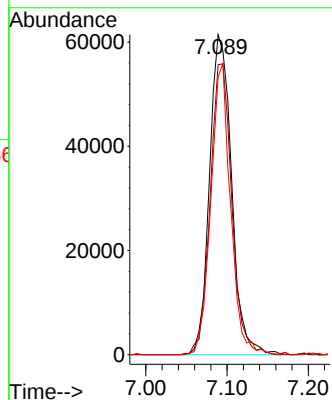
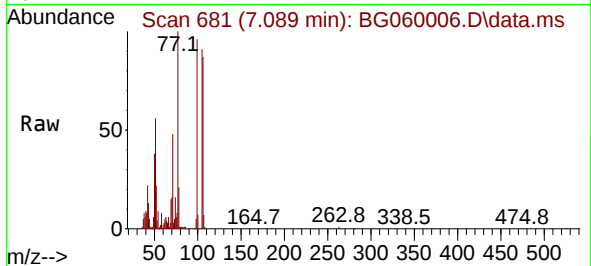
#9
Benzaldehyde
Concen: 41.518 ng
RT: 7.089 min Scan# 681
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 115520
Ion Ratio Lower Upper
77 100
105 90.6 70.5 110.5
106 86.8 66.0 106.0

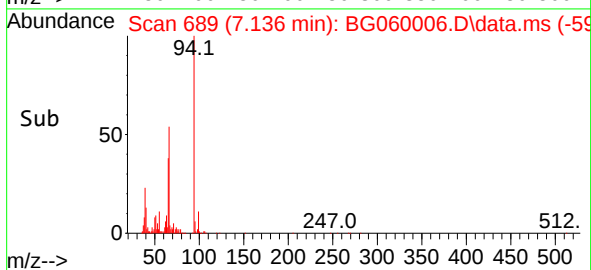
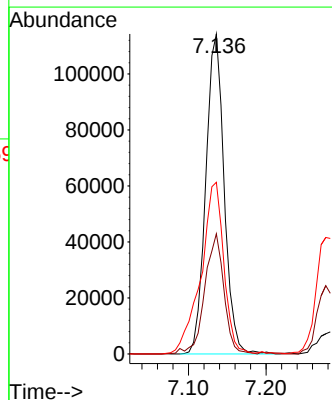
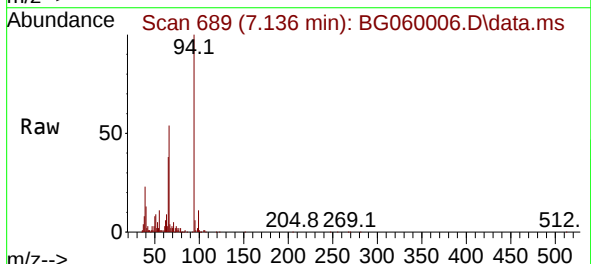
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APPROVED

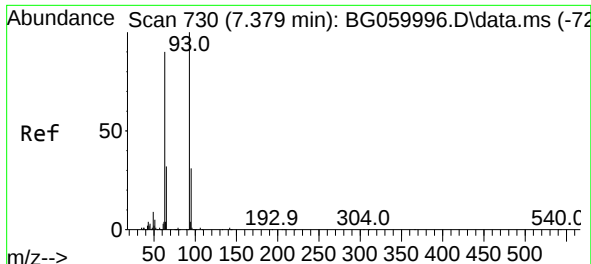
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#10
Phenol
Concen: 40.875 ng
RT: 7.136 min Scan# 689
Delta R.T. 0.004 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Tgt Ion: 94 Resp: 187909
Ion Ratio Lower Upper
94 100
65 37.6 15.5 55.5
66 53.7 31.6 71.6





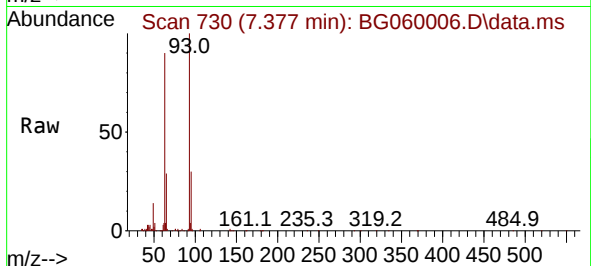
#11
bis(2-Chloroethyl)ether
Concen: 39.335 ng
RT: 7.377 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



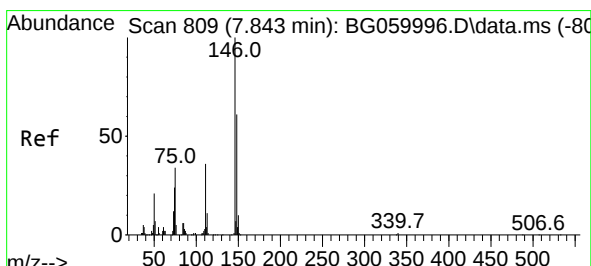
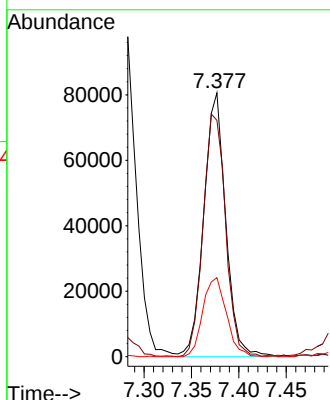
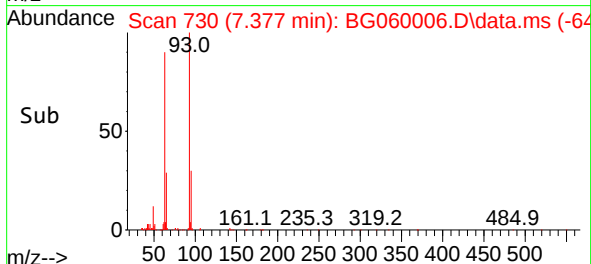
Tgt Ion: 93 Resp: 129454
Ion Ratio Lower Upper
93 100
63 89.6 69.8 109.8
95 30.0 10.7 50.7

Manual Integrations

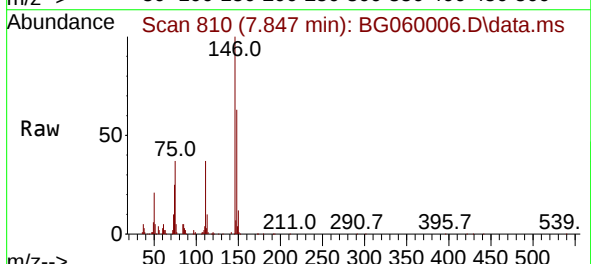
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

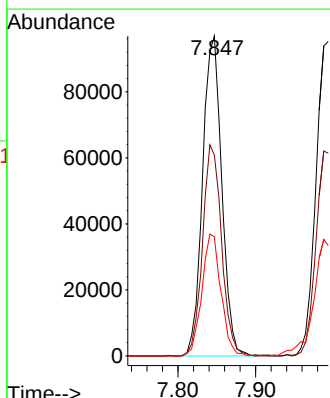
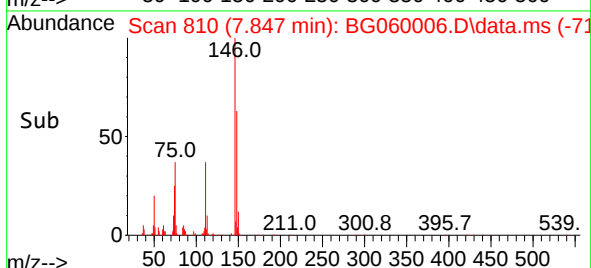
Supervised By :mohammad ahmed 12/16/2023

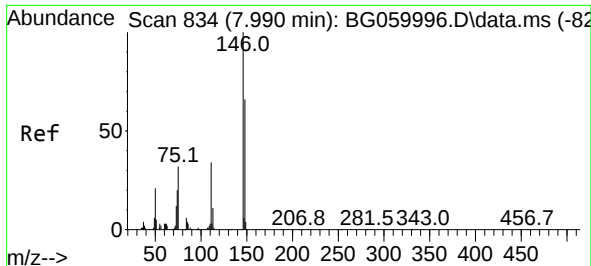


#12
1,3-Dichlorobenzene
Concen: 40.422 ng
RT: 7.847 min Scan# 810
Delta R.T. 0.004 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06



Tgt Ion:146 Resp: 166642
Ion Ratio Lower Upper
146 100
148 62.8 49.1 73.7
75 37.3 27.0 40.6





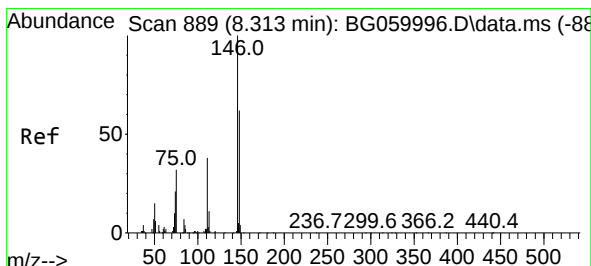
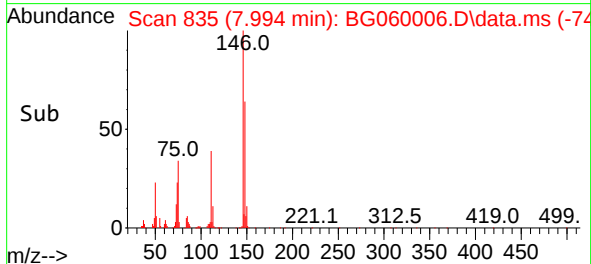
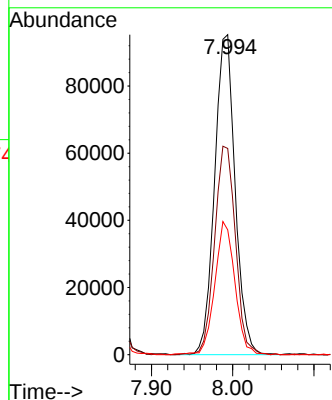
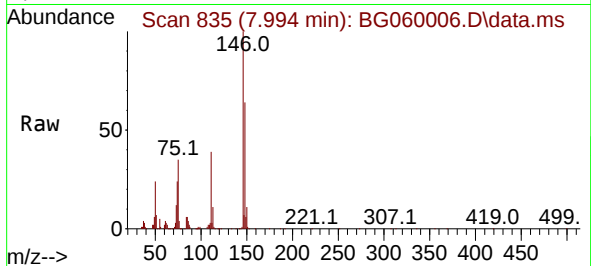
#13
1,4-Dichlorobenzene
Concen: 39.060 ng
RT: 7.994 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 16756
Ion Ratio Lower Upper
146 100
148 64.5 52.9 79.3
111 39.0 27.6 41.4

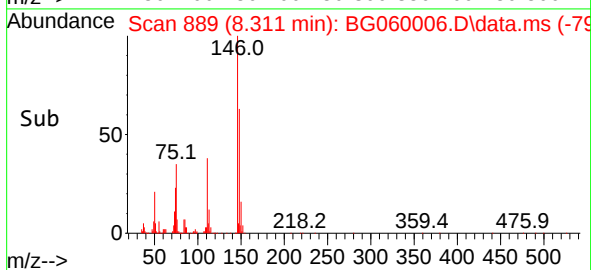
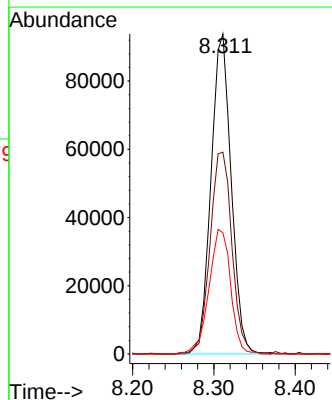
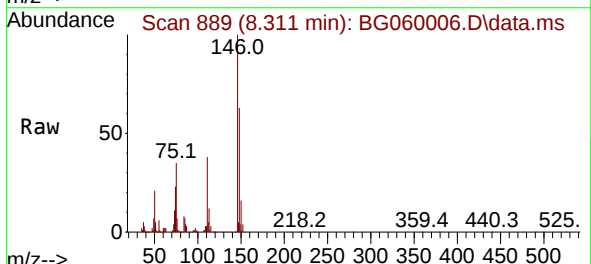
Manual Integrations
APPROVED

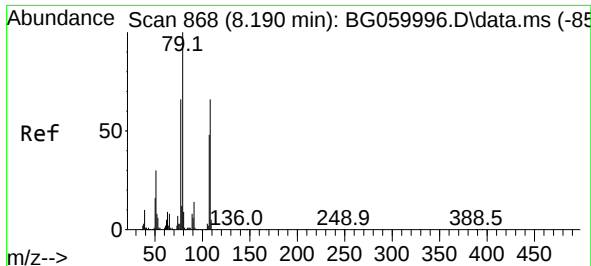
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#14
1,2-Dichlorobenzene
Concen: 39.214 ng
RT: 8.311 min Scan# 889
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Tgt Ion:146 Resp: 161847
Ion Ratio Lower Upper
146 100
148 63.1 49.7 74.5
111 37.8 30.9 46.3





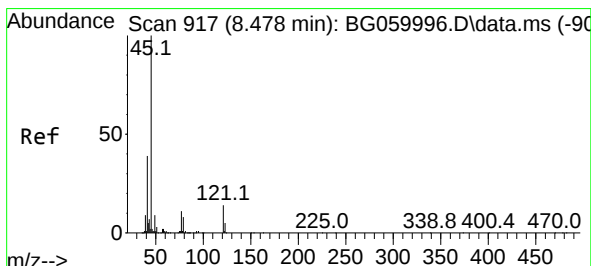
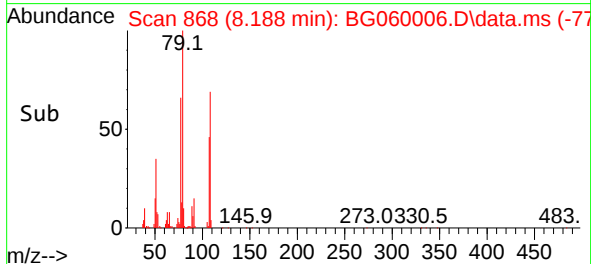
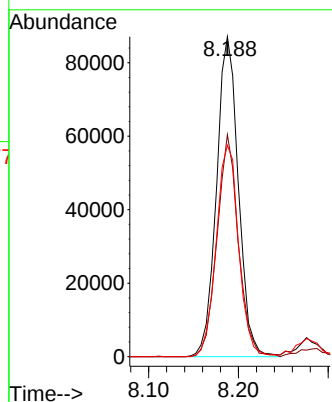
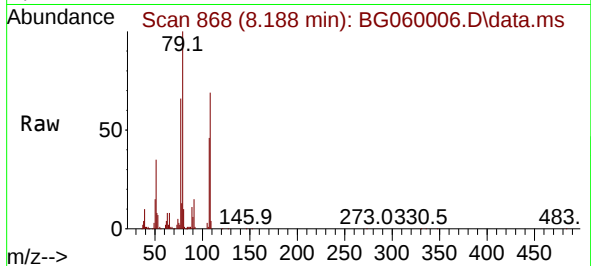
#15
Benzyl Alcohol
Concen: 40.053 ng
RT: 8.188 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 147314
Ion Ratio Lower Upper
79 100
108 69.4 53.1 79.7
77 66.1 52.8 79.2

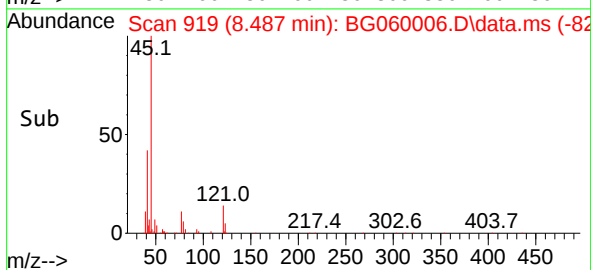
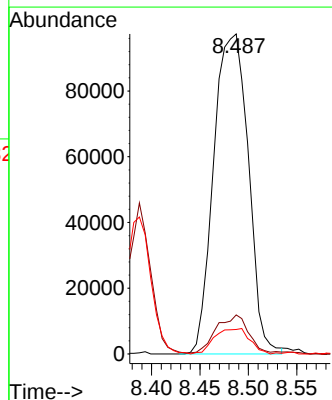
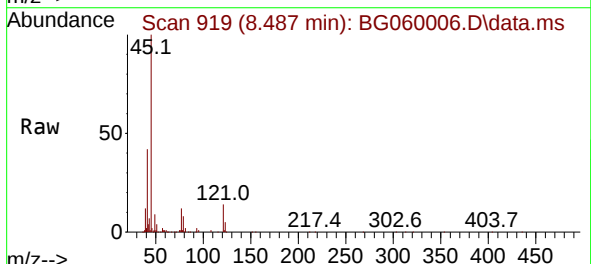
Manual Integrations
APPROVED

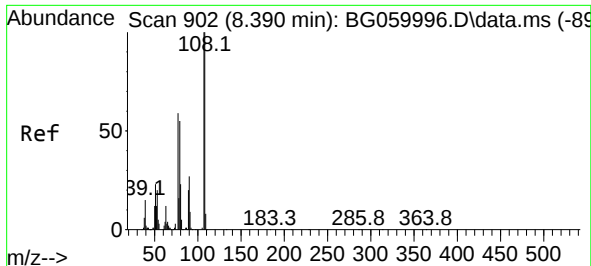
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.120 ng m
RT: 8.487 min Scan# 919
Delta R.T. 0.010 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Tgt Ion: 45 Resp: 242164
Ion Ratio Lower Upper
45 100
77 12.2 0.0 31.7
79 7.7 0.0 28.7





#17
2-Methylphenol
Concen: 39.819 ng
RT: 8.387 min Scan# 902
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

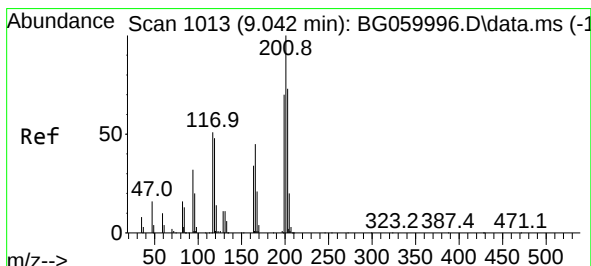
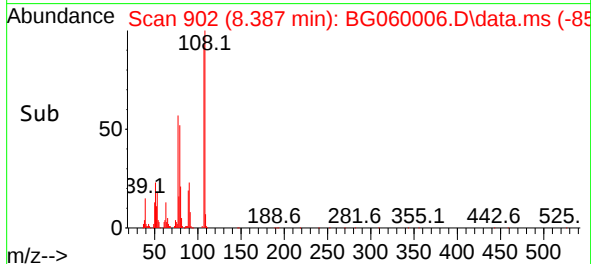
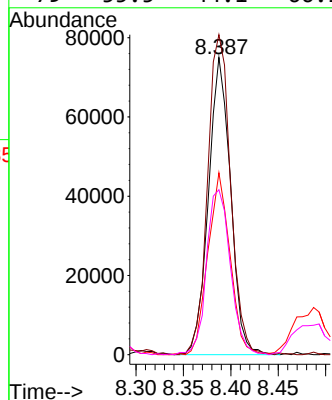
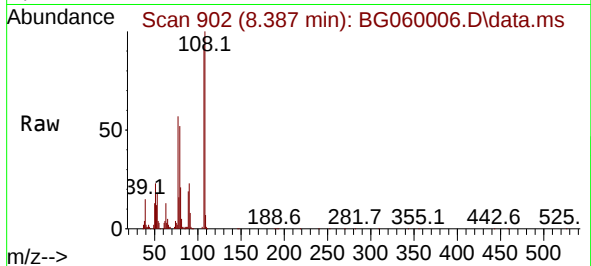
ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 12204
Ion Ratio Lower Upper
107 100
108 107.7 80.7 121.1
77 61.2 47.8 71.6
79 55.5 44.1 66.1

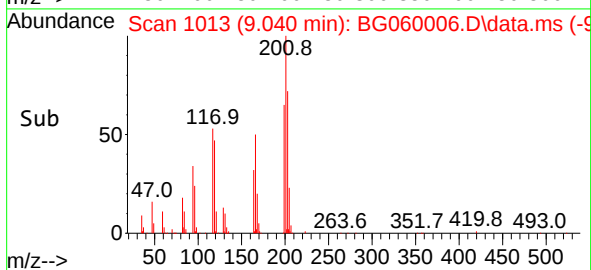
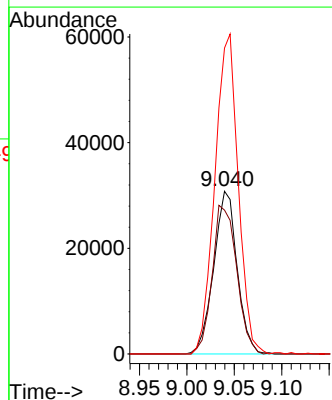
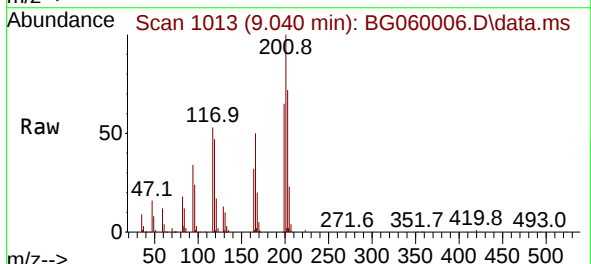
Manual Integrations
APPROVED

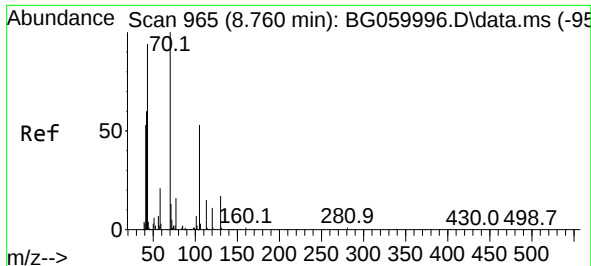
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#18
Hexachloroethane
Concen: 40.774 ng
RT: 9.040 min Scan# 1013
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Tgt Ion:117 Resp: 52986
Ion Ratio Lower Upper
117 100
119 90.3 74.5 111.7
201 188.0 156.5 234.7





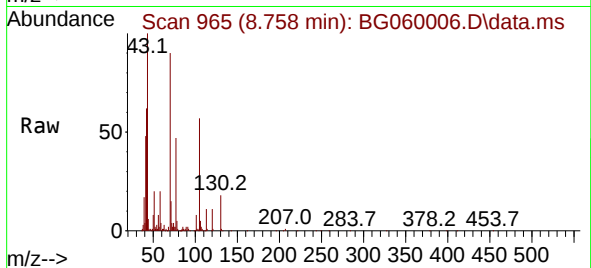
#19
n-Nitroso-di-n-propylamine
Concen: 39.552 ng
RT: 8.758 min Scan# 965
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

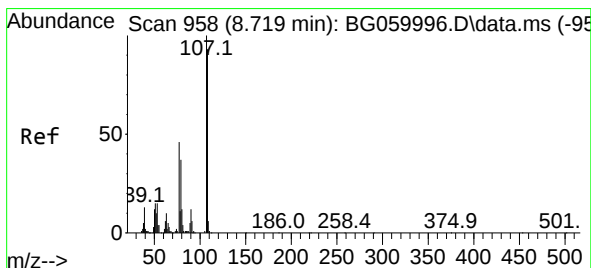
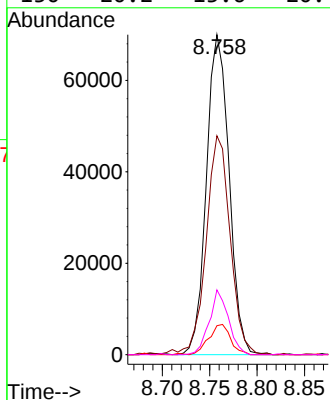
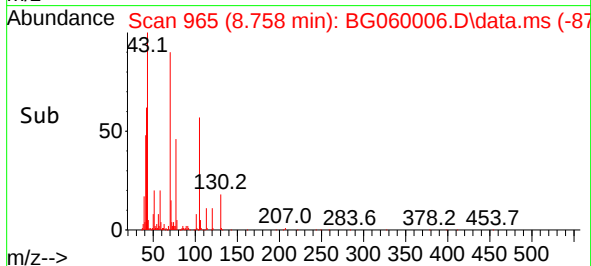


Tgt Ion: 70 Resp: 116774
Ion Ratio Lower Upper
70 100
42 68.4 48.6 73.0
101 9.0 5.7 8.5
130 20.2 13.6 20.4

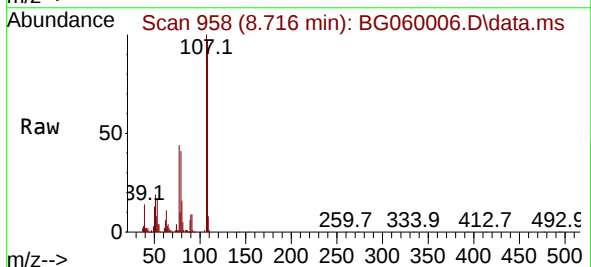
Manual Integrations

APPROVED

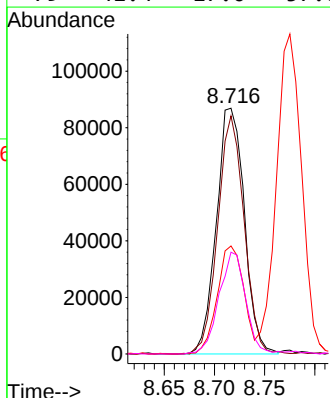
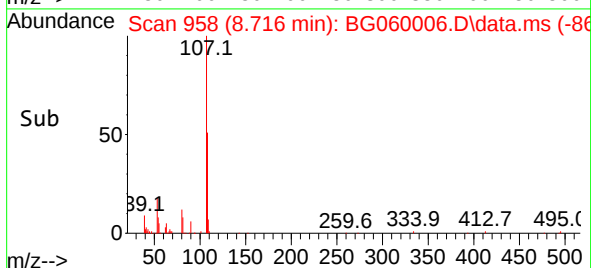
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023

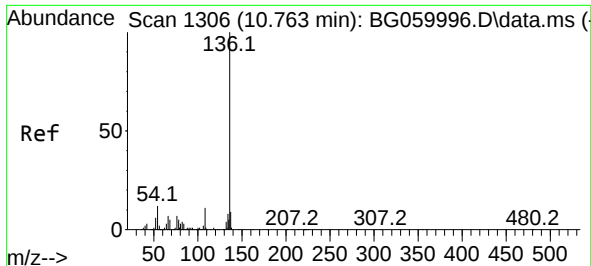


#20
3+4-Methylphenols
Concen: 39.330 ng
RT: 8.716 min Scan# 958
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06



Tgt Ion:107 Resp: 168375
Ion Ratio Lower Upper
107 100
108 96.8 72.8 112.8
77 43.9 25.6 65.6
79 41.4 17.0 57.0





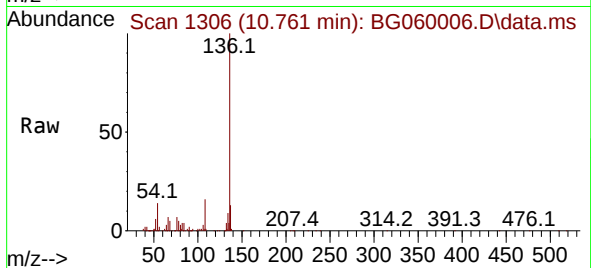
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 1306
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

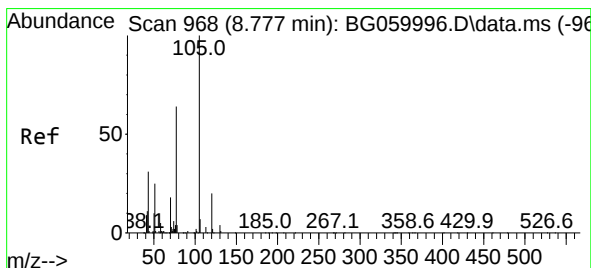
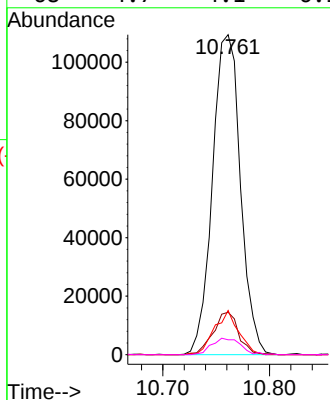
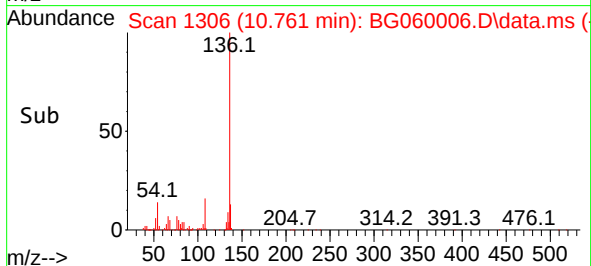


Tgt Ion:136 Resp: 19909
Ion Ratio Lower Upper
136 100
137 13.3 7.3 10.9
54 13.8 9.6 14.4
68 4.7 4.1 6.1

Manual Integrations

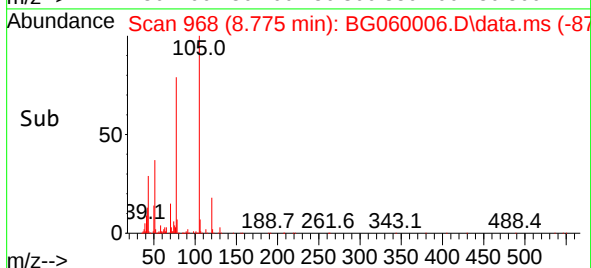
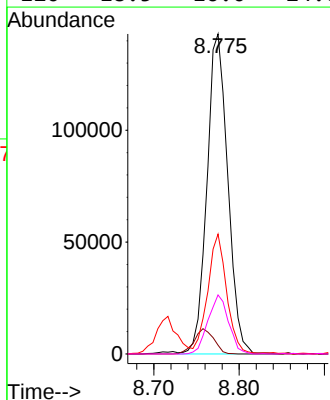
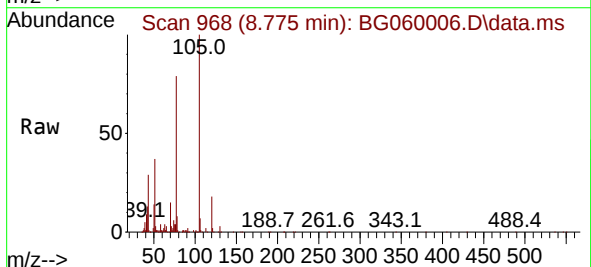
APPROVED

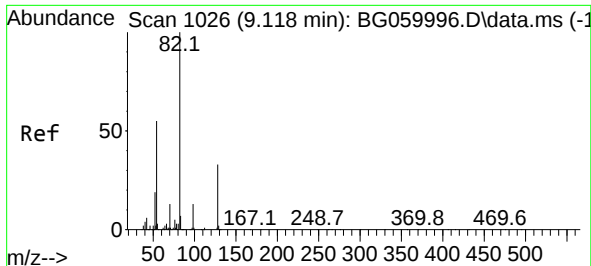
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#22
Acetophenone
Concen: 41.901 ng
RT: 8.775 min Scan# 968
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Tgt Ion:105 Resp: 243099
Ion Ratio Lower Upper
105 100
71 2.8 2.1 3.1
51 37.4 25.4 38.0
120 18.5 16.0 24.0





#23
Nitrobenzene-d5
Concen: 82.993 ng
RT: 9.116 min Scan# 1026
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

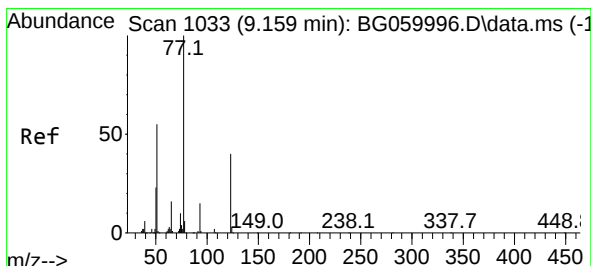
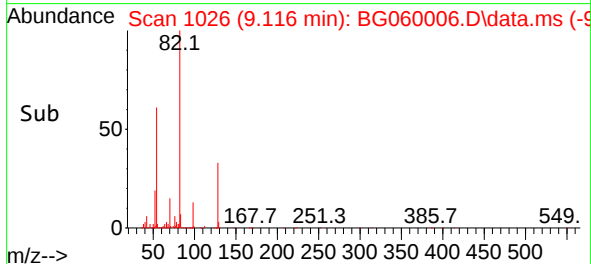
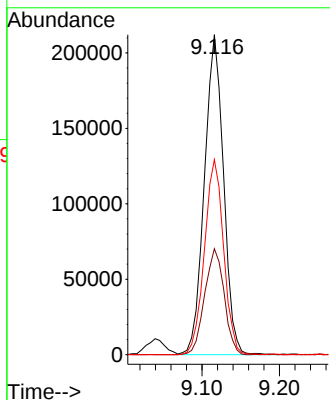
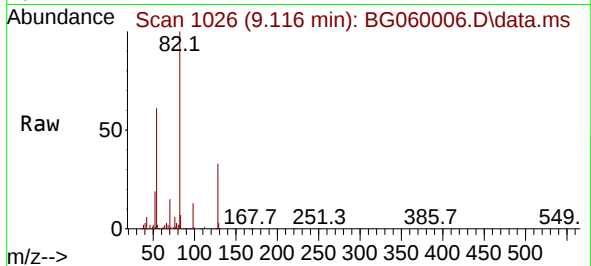
ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 36388
Ion Ratio Lower Upper
82 100
128 33.1 26.3 39.5
54 60.9 44.3 66.5

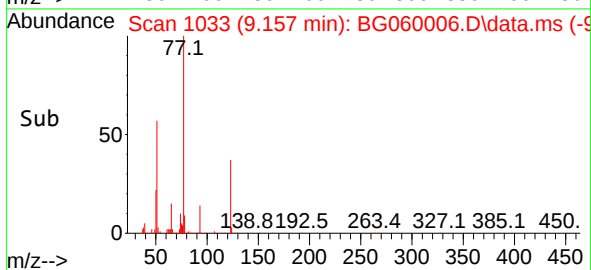
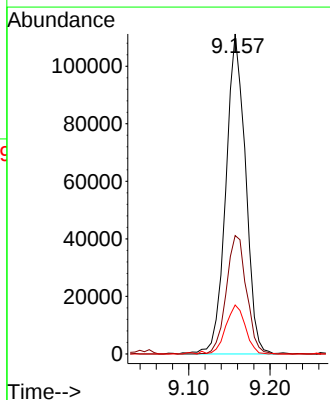
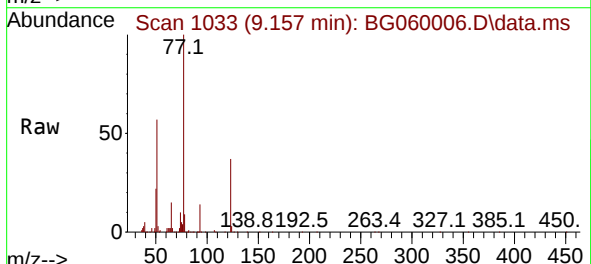
Manual Integrations
APPROVED

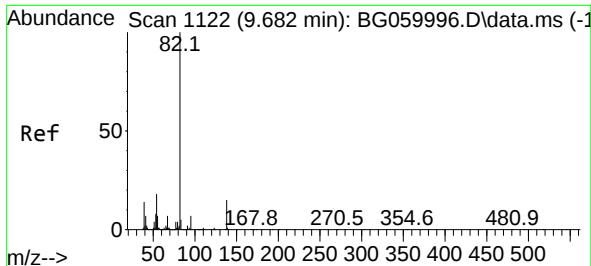
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#24
Nitrobenzene
Concen: 42.006 ng
RT: 9.157 min Scan# 1033
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Tgt Ion: 77 Resp: 186980
Ion Ratio Lower Upper
77 100
123 37.0 32.1 48.1
65 15.3 13.0 19.4





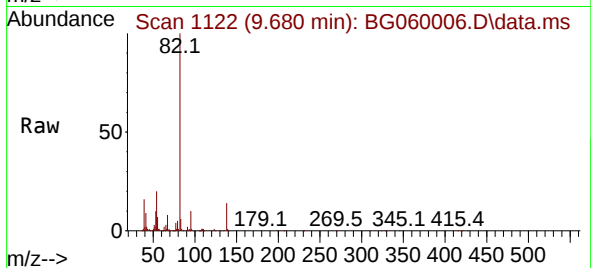
#25
Isophorone
Concen: 41.707 ng
RT: 9.680 min Scan# 1122
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



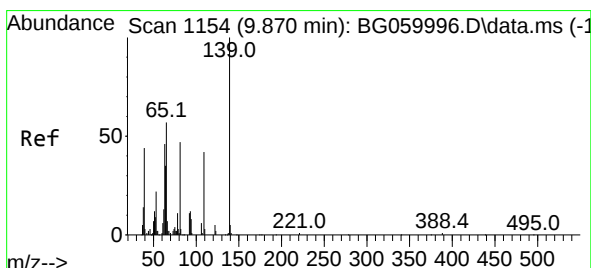
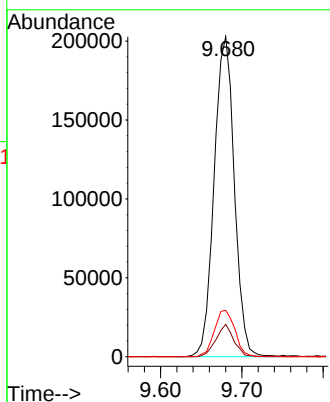
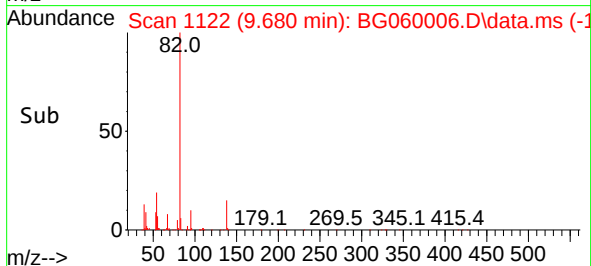
Tgt Ion: 82 Resp: 349984
Ion Ratio Lower Upper
82 100
95 10.1 5.8 8.8
138 14.5 11.6 17.4

Manual Integrations

APPROVED

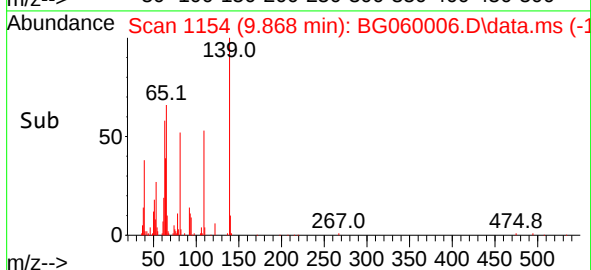
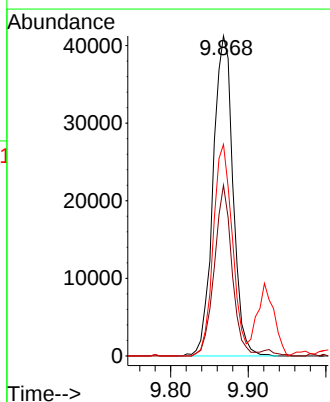
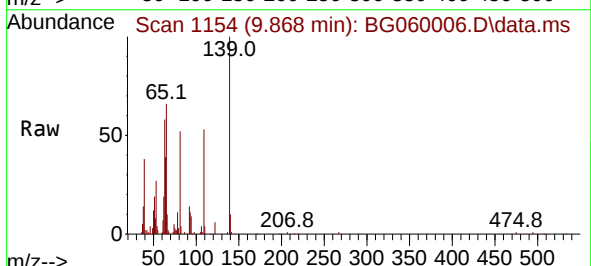
Reviewed By :Yogesh Patel 12/15/2023

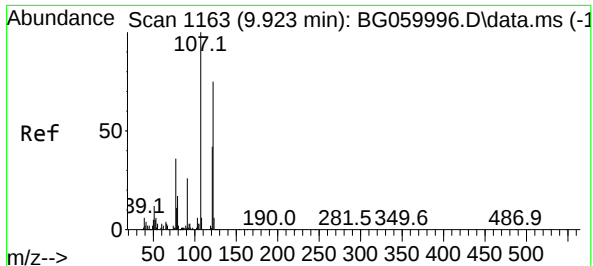
Supervised By :mohammad ahmed 12/16/2023



#26
2-Nitrophenol
Concen: 44.895 ng
RT: 9.868 min Scan# 1154
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Tgt Ion:139 Resp: 73496
Ion Ratio Lower Upper
139 100
109 53.4 33.8 50.6
65 66.1 45.2 67.8





#27

2,4-Dimethylphenol

Concen: 41.449 ng

RT: 9.921 min Scan# 1163

Delta R.T. -0.002 min

Lab File: BG060006.D

Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 93009

Ion Ratio Lower Upper

122 100

107 143.4 105.9 158.9

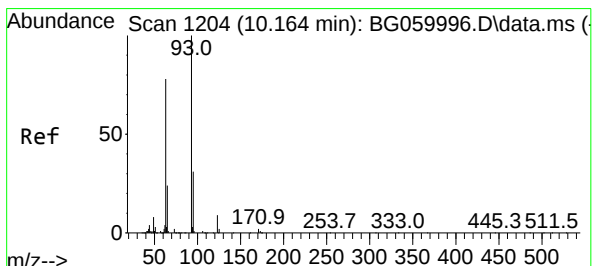
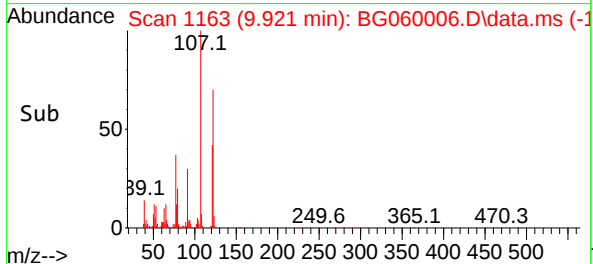
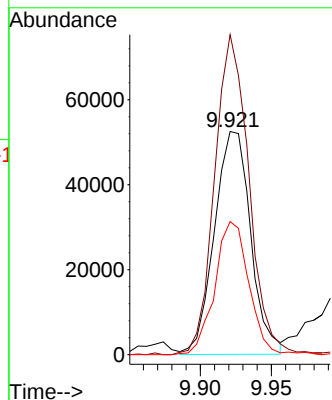
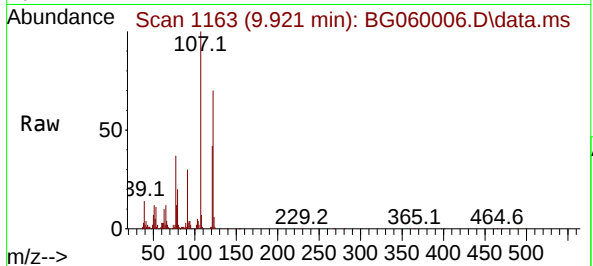
121 59.7 44.5 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/16/2023



#28

bis(2-Chloroethoxy)methane

Concen: 41.453 ng

RT: 10.168 min Scan# 1205

Delta R.T. 0.004 min

Lab File: BG060006.D

Acq: 14 Dec 2023 10:06

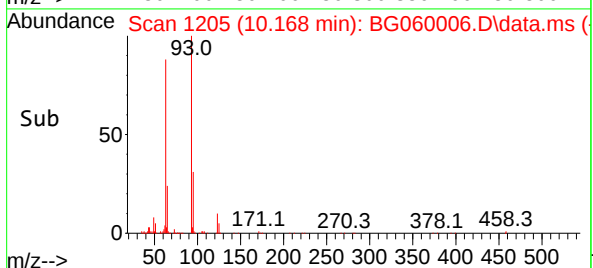
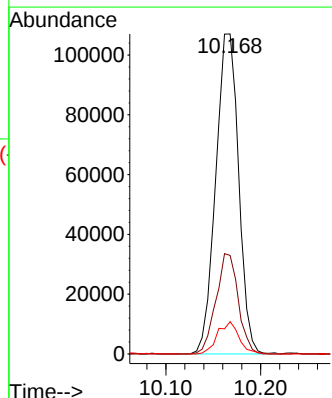
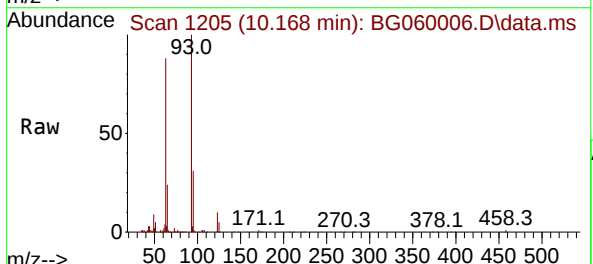
Tgt Ion: 93 Resp: 179598

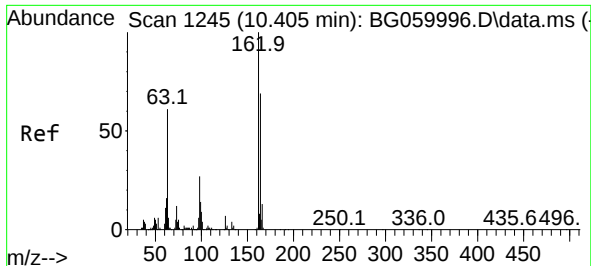
Ion Ratio Lower Upper

93 100

95 30.8 24.7 37.1

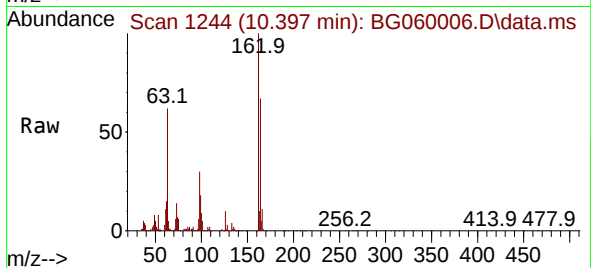
123 10.1 7.5 11.3





#29
2,4-Dichlorophenol
Concen: 42.629 ng
RT: 10.397 min Scan# 1244
Delta R.T. -0.008 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

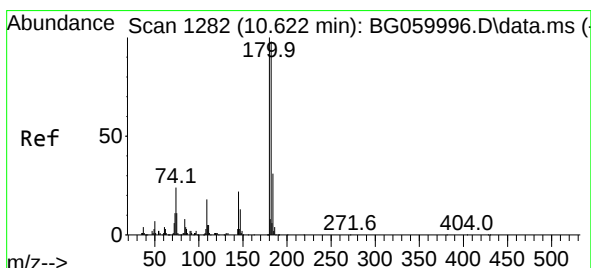
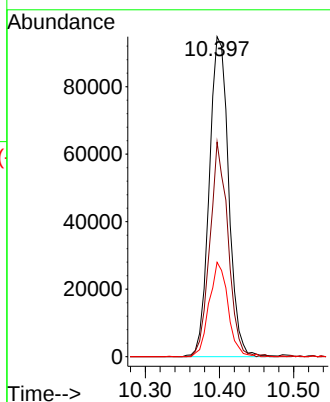
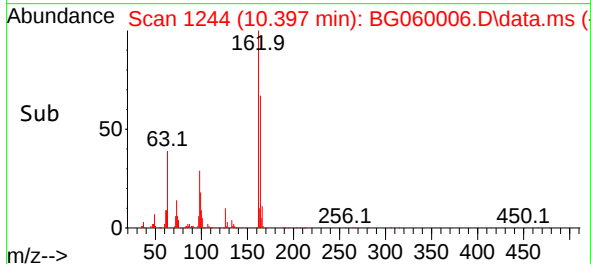
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:162 Resp: 171800
Ion Ratio Lower Upper
162 100
164 67.0 48.8 88.8
98 29.5 7.2 47.2

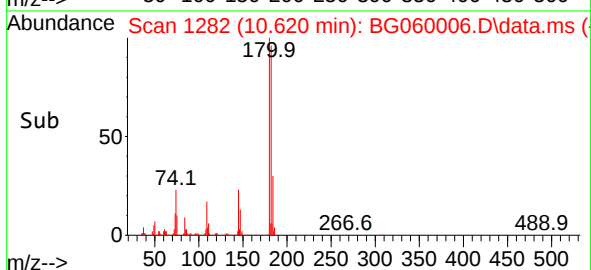
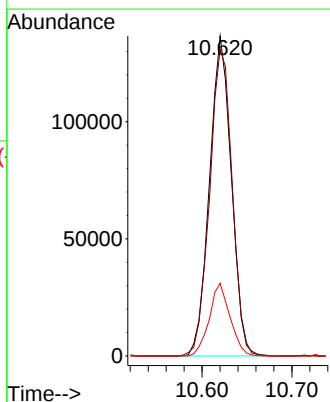
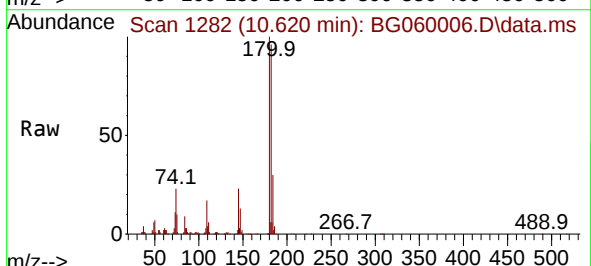
Manual Integrations
APPROVED

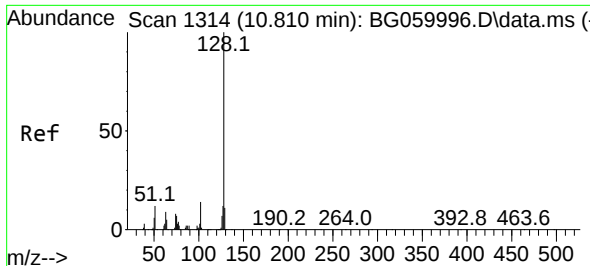
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#30
1,2,4-Trichlorobenzene
Concen: 42.289 ng
RT: 10.620 min Scan# 1282
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Tgt Ion:180 Resp: 230697
Ion Ratio Lower Upper
180 100
182 95.9 78.2 117.4
145 22.7 17.2 25.8





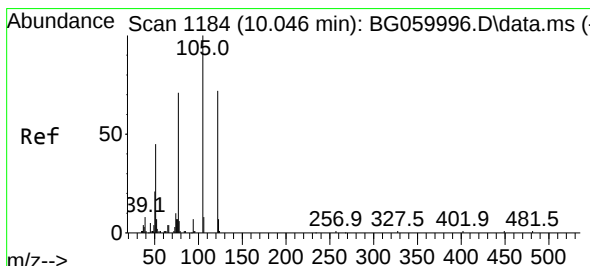
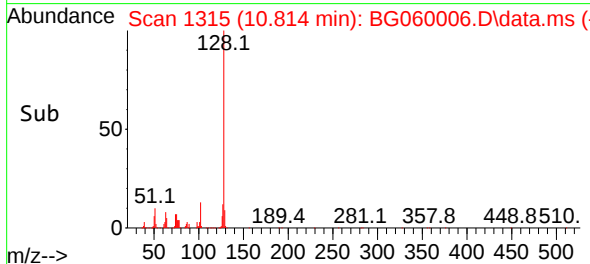
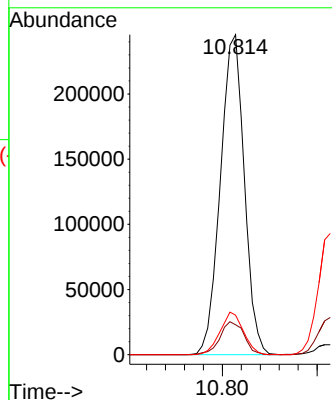
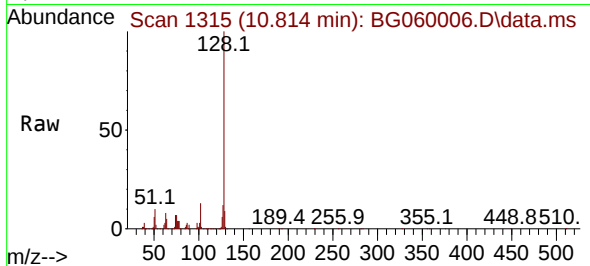
#31
Naphthalene
Concen: 41.460 ng
RT: 10.814 min Scan# 1183
Delta R.T. 0.004 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 42970
Ion Ratio Lower Upper
128 100
129 9.3 9.2 13.8
127 12.4 9.7 14.5

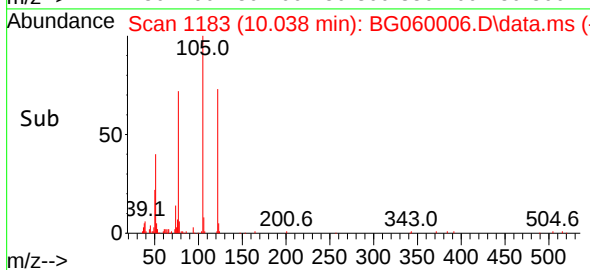
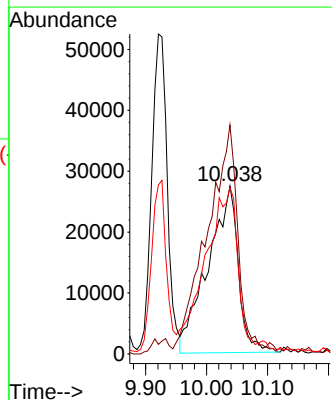
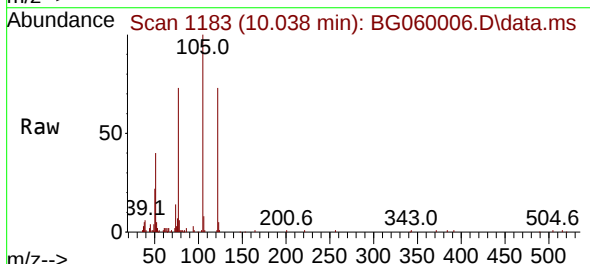
Manual Integrations
APPROVED

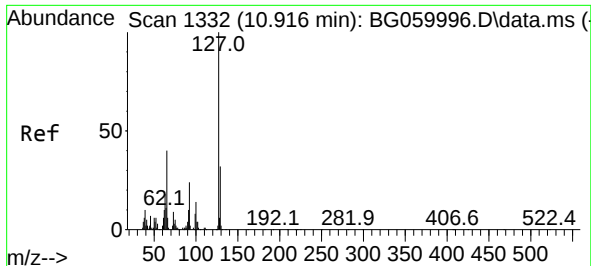
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#32
Benzoic acid
Concen: 46.285 ng
RT: 10.038 min Scan# 1183
Delta R.T. -0.008 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Tgt Ion:122 Resp: 94475
Ion Ratio Lower Upper
122 100
105 136.5 106.2 146.2
77 99.2 80.4 120.4





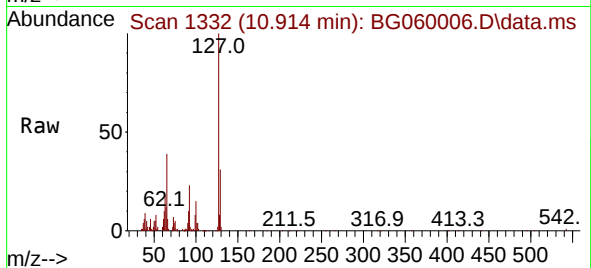
#33
4-Chloroaniline
Concen: 41.708 ng
RT: 10.914 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :

BNL_G

ClientSampleId :

SSTDCCC040



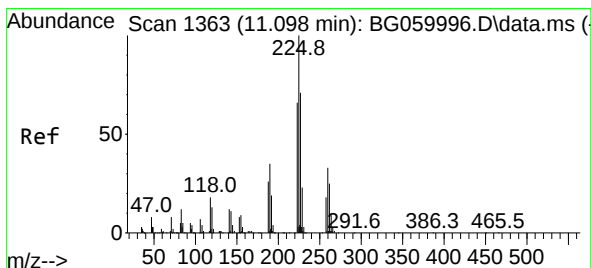
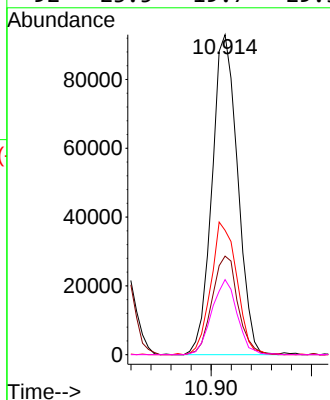
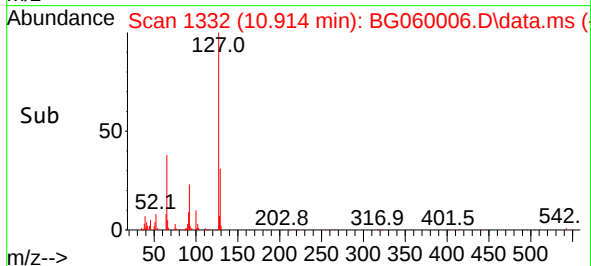
Tgt Ion:127 Resp: 16448
Ion Ratio Lower Upper
127 100
129 30.8 25.7 38.5
65 38.9 32.3 48.5
92 23.5 19.7 29.5

Manual Integrations

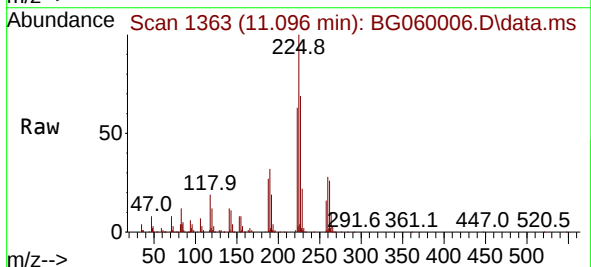
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

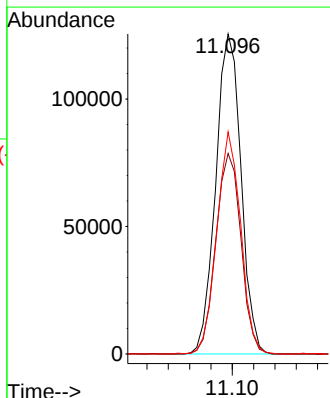
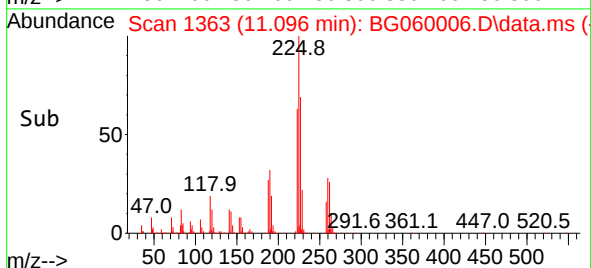
Supervised By :mohammad ahmed 12/16/2023

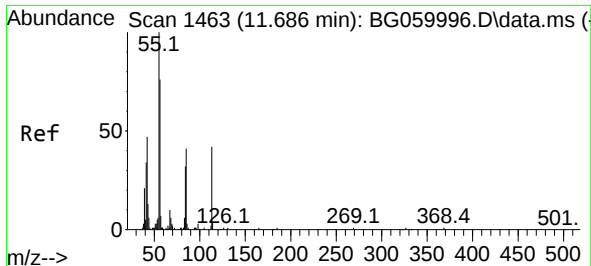


#34
Hexachlorobutadiene
Concen: 41.387 ng
RT: 11.096 min Scan# 1363
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06



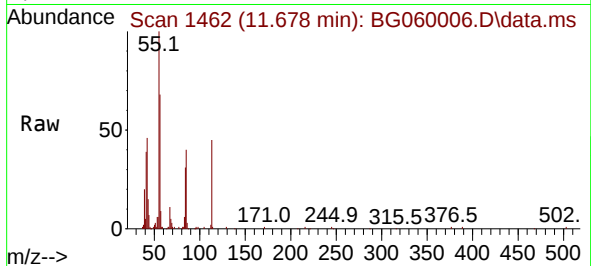
Tgt Ion:225 Resp: 206647
Ion Ratio Lower Upper
225 100
223 62.7 52.4 78.6
227 69.4 56.6 85.0





#35
Caprolactam
Concen: 43.669 ng
RT: 11.678 min Scan# 1463
Delta R.T. -0.008 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

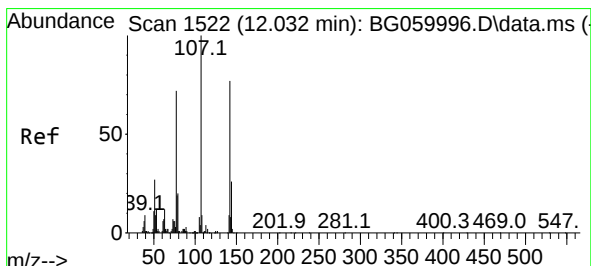
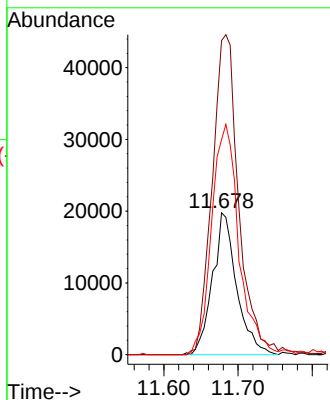
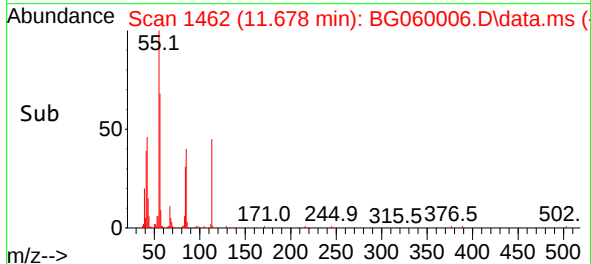
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 44709
Ion Ratio Lower Upper
113 100
55 221.4 219.5 259.5
56 151.6 161.6 201.6

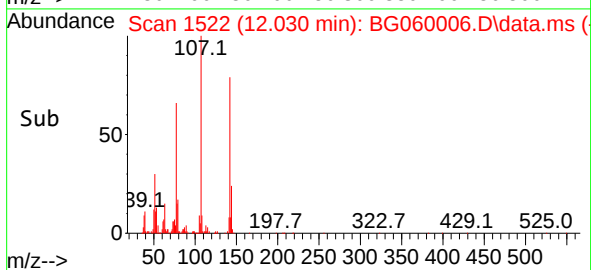
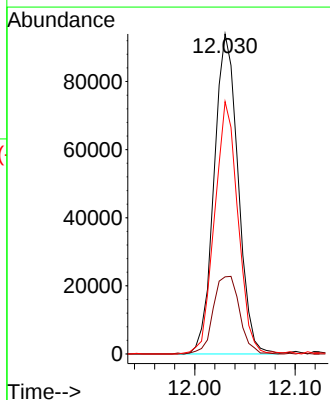
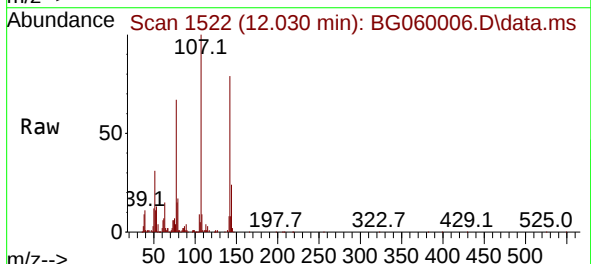
Manual Integrations
APPROVED

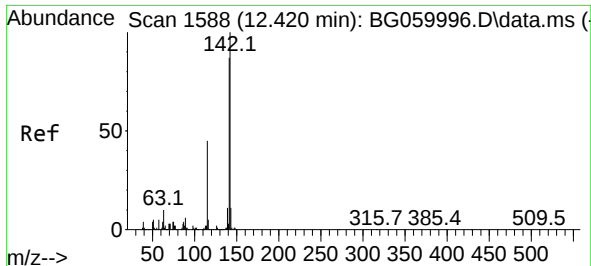
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#36
4-Chloro-3-methylphenol
Concen: 42.521 ng
RT: 12.030 min Scan# 1522
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Tgt Ion:107 Resp: 155855
Ion Ratio Lower Upper
107 100
144 24.1 20.4 30.6
142 78.9 61.4 92.0





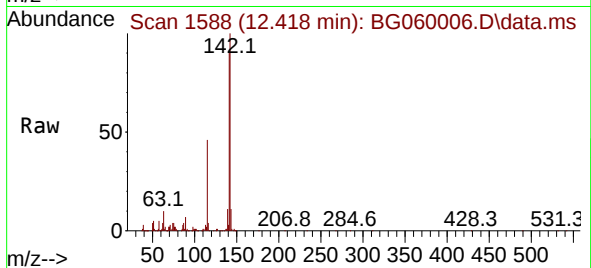
#37
2-Methylnaphthalene
Concen: 40.234 ng
RT: 12.418 min Scan# 1588
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



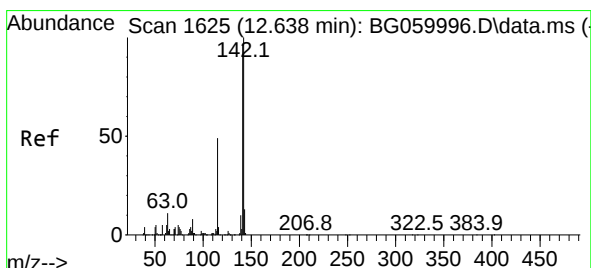
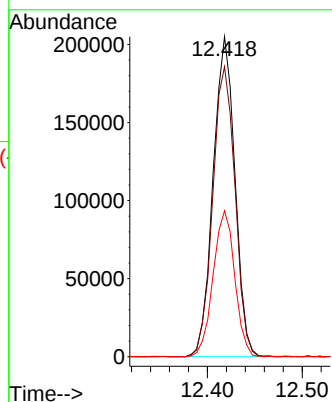
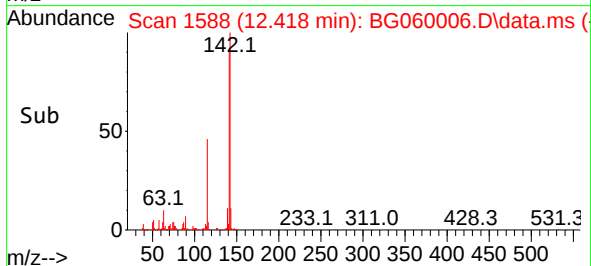
Tgt Ion:142 Resp: 327054
Ion Ratio Lower Upper
142 100
141 90.6 69.9 104.9
115 45.6 36.1 54.1

Manual Integrations

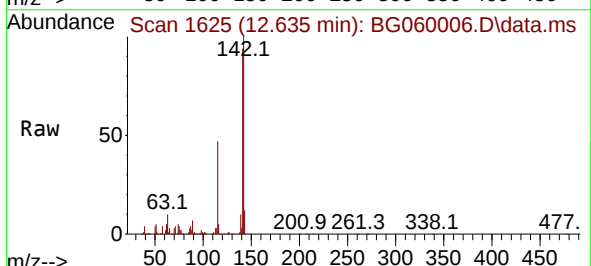
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

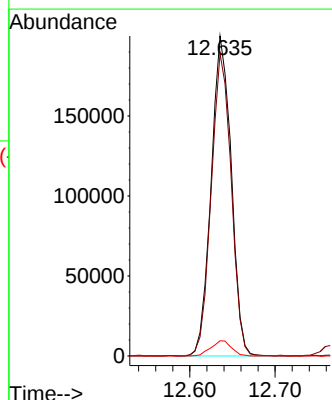
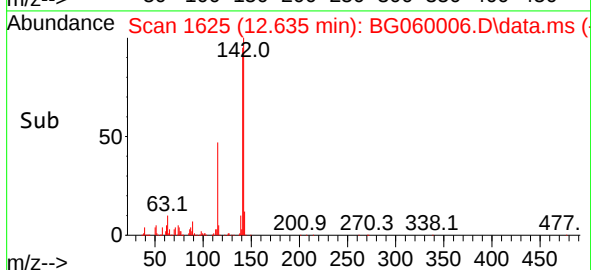
Supervised By :mohammad ahmed 12/16/2023

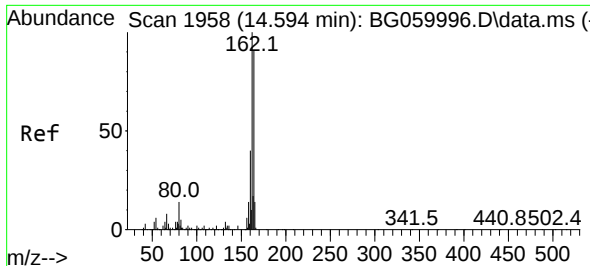


#38
1-Methylnaphthalene
Concen: 40.734 ng
RT: 12.635 min Scan# 1625
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06



Tgt Ion:142 Resp: 327085
Ion Ratio Lower Upper
142 100
141 94.5 76.9 115.3
116 4.7 3.5 5.3





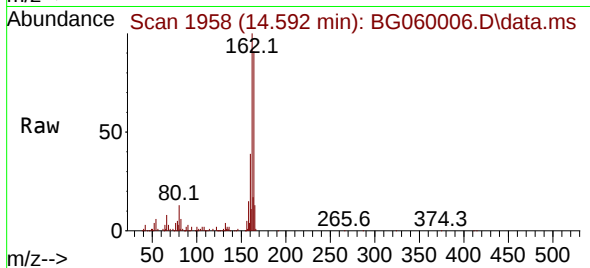
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



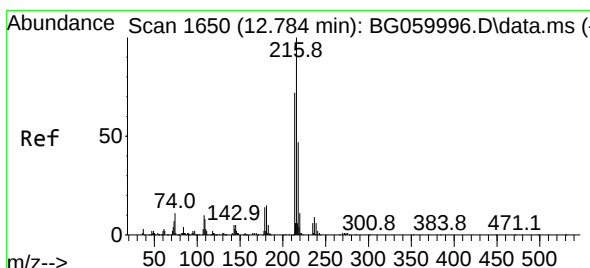
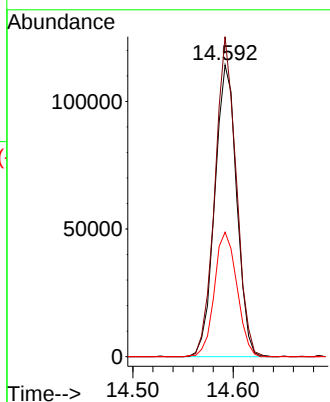
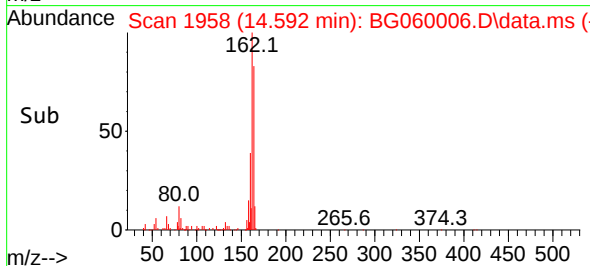
Tgt Ion:164 Resp: 173129
Ion Ratio Lower Upper
164 100
162 109.7 88.1 132.1
160 42.7 35.4 53.0

Manual Integrations

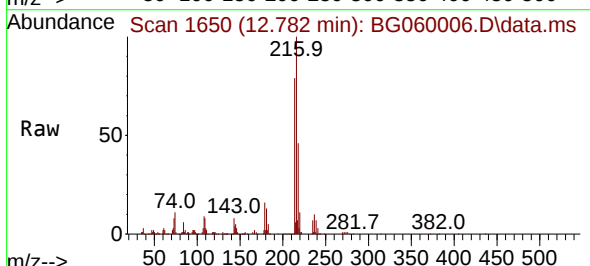
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

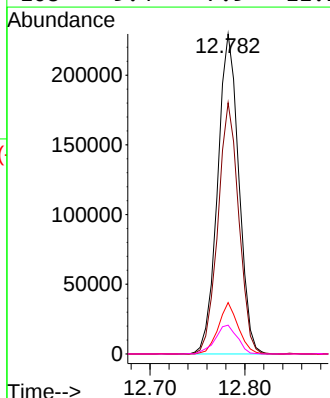
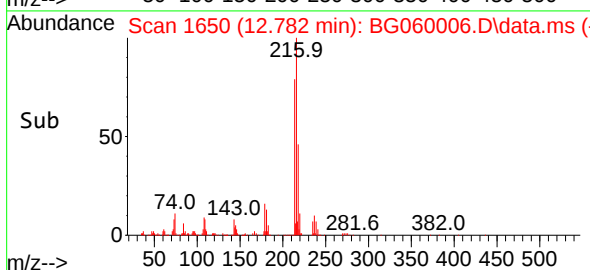
Supervised By :mohammad ahmed 12/16/2023

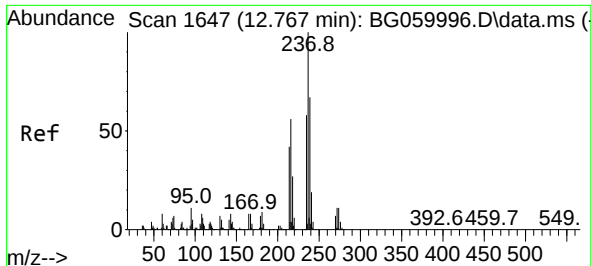


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.525 ng
RT: 12.782 min Scan# 1650
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06



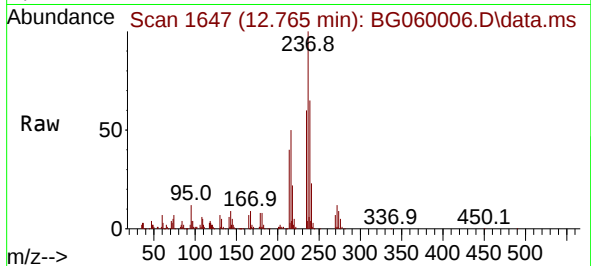
Tgt Ion:216 Resp: 356740
Ion Ratio Lower Upper
216 100
214 76.9 60.3 90.5
179 15.1 11.9 17.9
108 9.4 7.9 11.9





#41
Hexachlorocyclopentadiene
Concen: 40.896 ng
RT: 12.765 min Scan# 1647
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

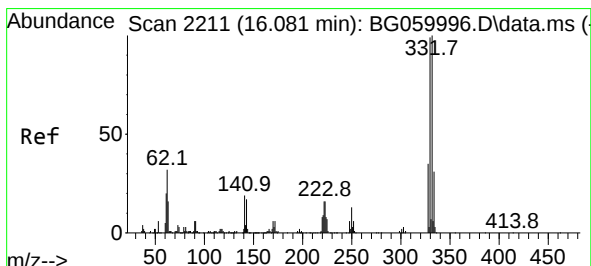
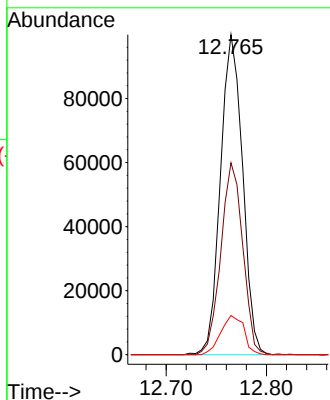
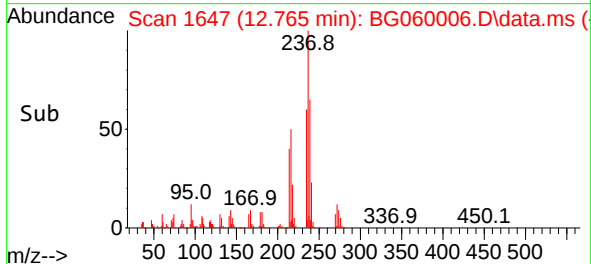
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 237 Resp: 152508
Ion Ratio Lower Upper
237 100
235 59.9 38.5 78.5
272 12.3 0.0 31.2

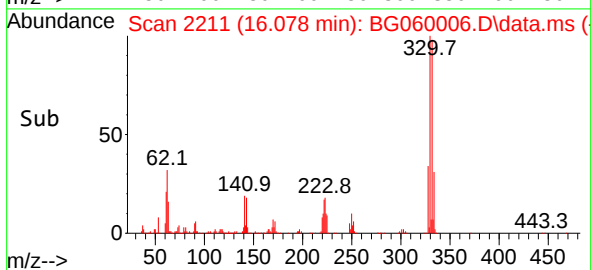
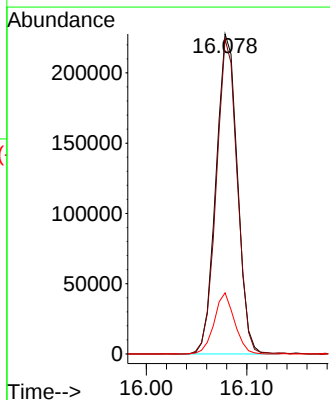
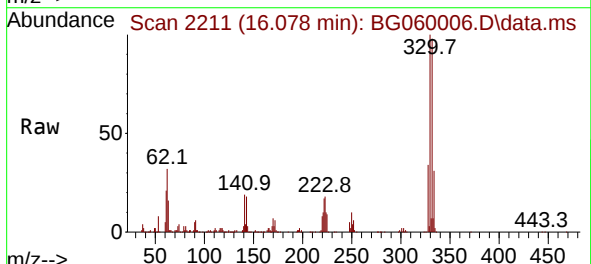
Manual Integrations
APPROVED

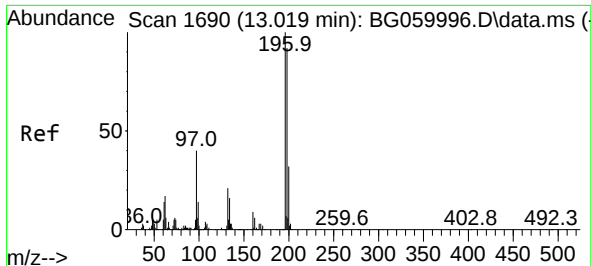
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#42
2,4,6-Tribromophenol
Concen: 83.342 ng
RT: 16.078 min Scan# 2211
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

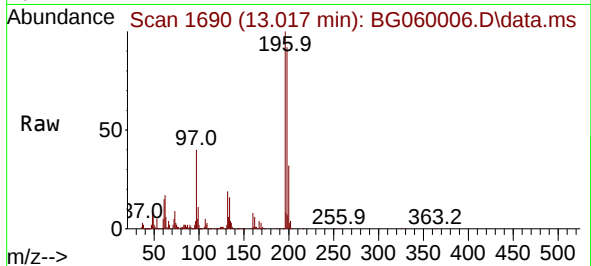
Tgt Ion: 330 Resp: 336262
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 18.1 14.3 21.5





#43
2,4,6-Trichlorophenol
Concen: 39.815 ng
RT: 13.017 min Scan# 1690
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

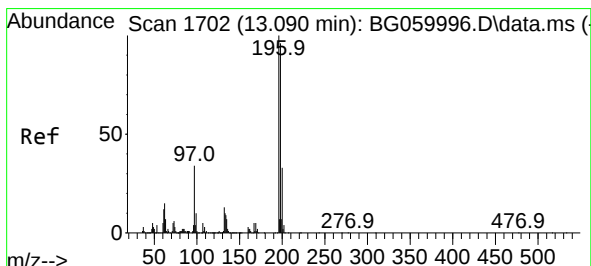
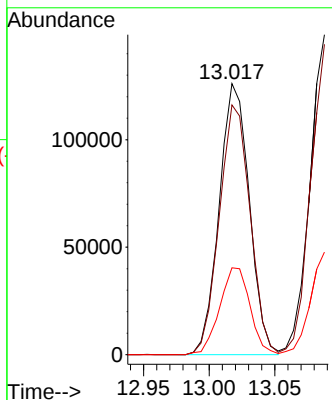
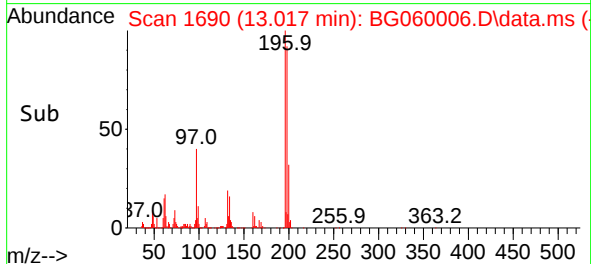
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



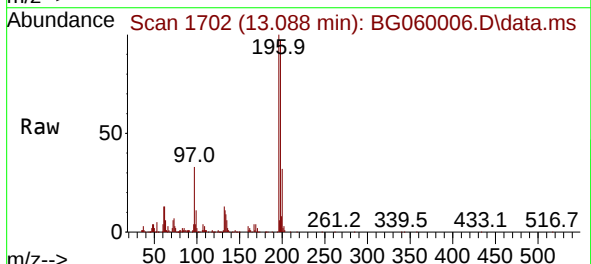
Tgt Ion:196 Resp: 201489
Ion Ratio Lower Upper
196 100
198 92.1 73.4 110.0
200 32.1 26.1 39.1

Manual Integrations
APPROVED

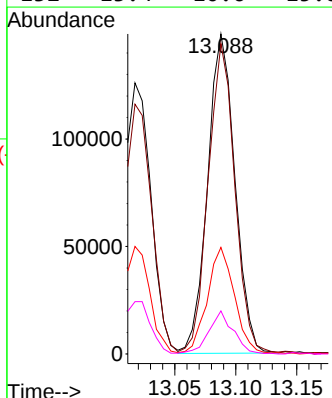
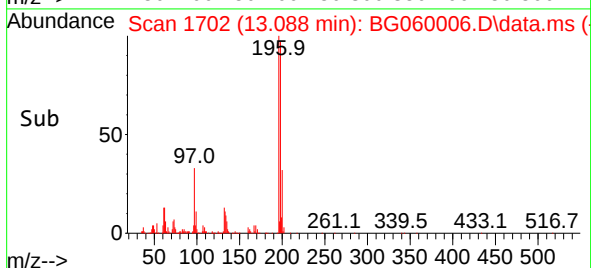
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023

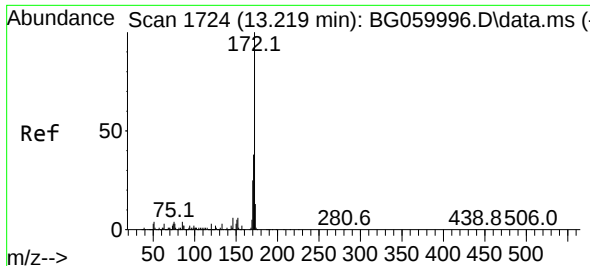


#44
2,4,5-Trichlorophenol
Concen: 42.090 ng
RT: 13.088 min Scan# 1702
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06



Tgt Ion:196 Resp: 231687
Ion Ratio Lower Upper
196 100
198 97.0 76.4 114.6
97 33.3 27.0 40.4
132 13.4 10.6 15.8





#45
2-Fluorobiphenyl
Concen: 79.328 ng
RT: 13.217 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

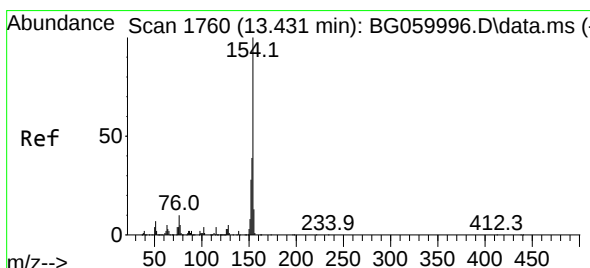
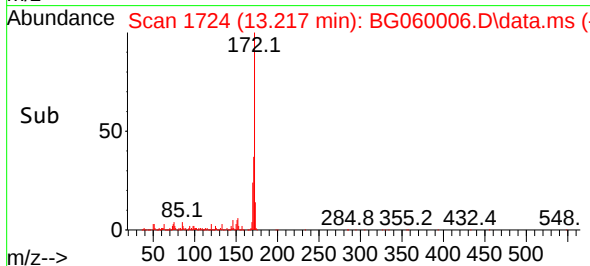
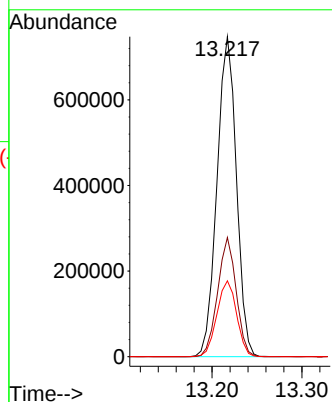
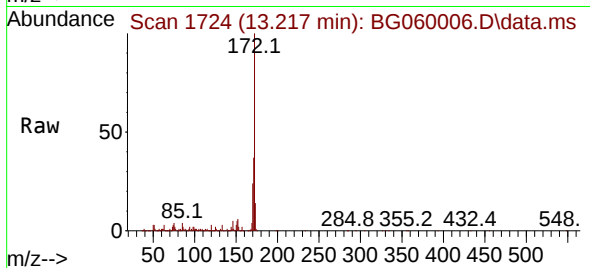
Tgt Ion:172 Resp: 112215
Ion Ratio Lower Upper
172 100
171 37.3 30.1 45.1
170 23.7 20.0 30.0

Manual Integrations

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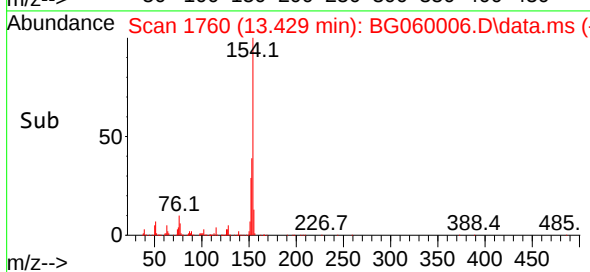
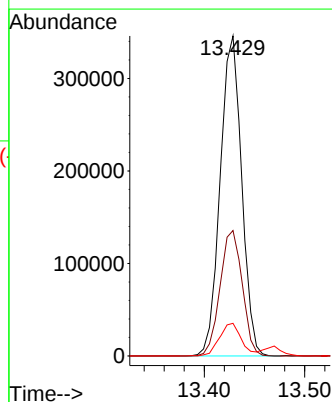
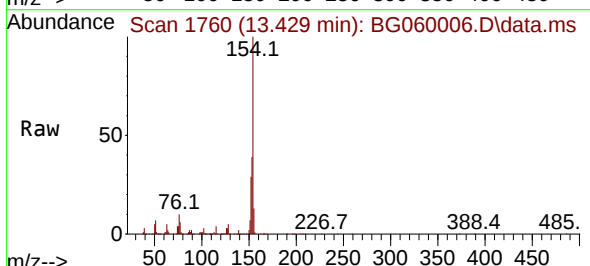
Reviewed By :Yogesh Patel 12/15/2023

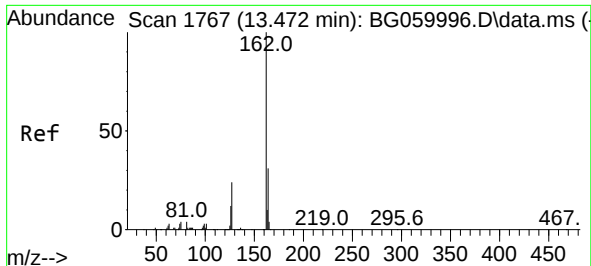
Supervised By :mohammad ahmed 12/16/2023



#46
1,1'-Biphenyl
Concen: 39.885 ng
RT: 13.429 min Scan# 1760
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Tgt Ion:154 Resp: 512098
Ion Ratio Lower Upper
154 100
153 39.2 19.2 59.2
76 10.2 0.0 29.9





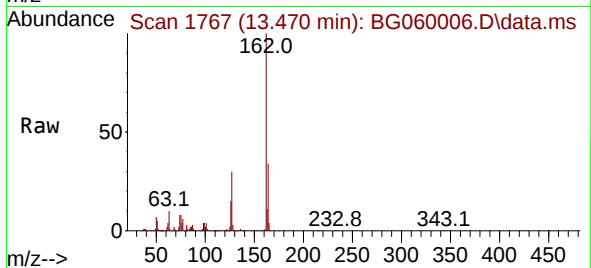
#47
2-Chloronaphthalene
Concen: 39.736 ng
RT: 13.470 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



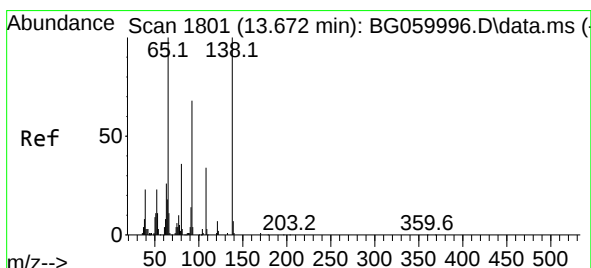
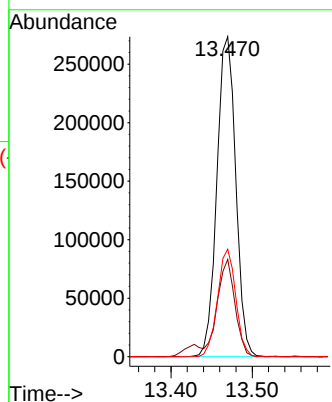
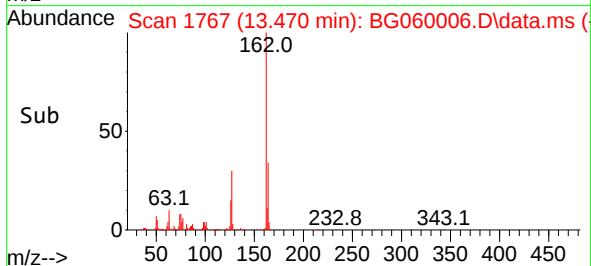
Tgt Ion:162 Resp: 441840
Ion Ratio Lower Upper
162 100
127 30.4 21.8 32.6
164 33.6 25.2 37.8

Manual Integrations

APPROVED

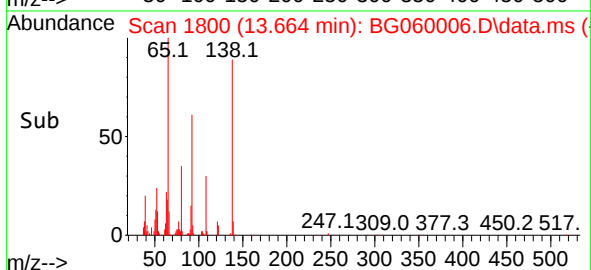
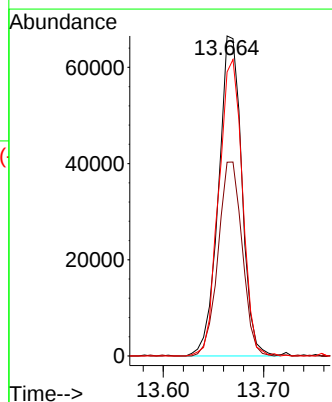
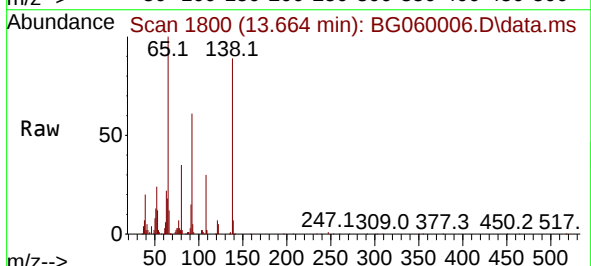
Reviewed By :Yogesh Patel 12/15/2023

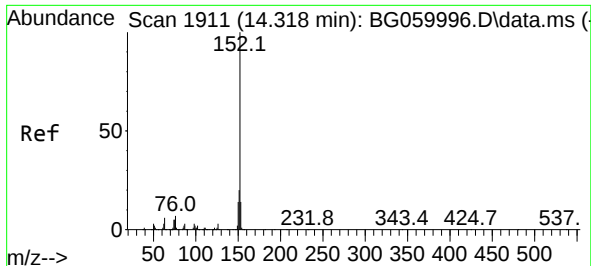
Supervised By :mohammad ahmed 12/16/2023



#48
2-Nitroaniline
Concen: 44.599 ng
RT: 13.664 min Scan# 1800
Delta R.T. -0.008 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

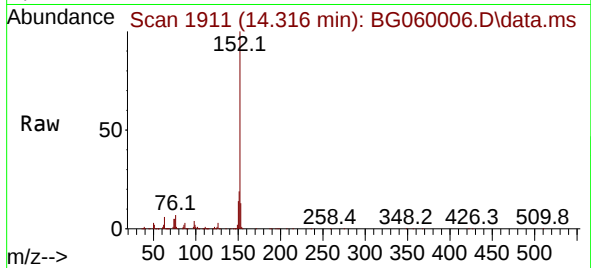
Tgt Ion: 65 Resp: 107052
Ion Ratio Lower Upper
65 100
92 60.6 54.6 81.8
138 88.7 80.2 120.2





#49
Acenaphthylene
Concen: 41.069 ng
RT: 14.316 min Scan# 1911
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

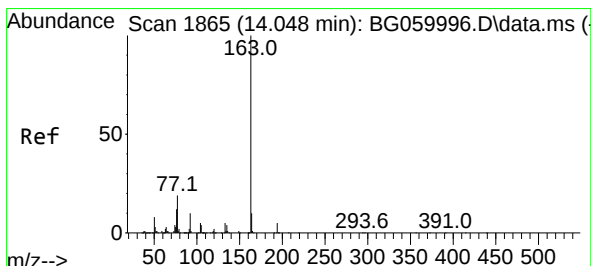
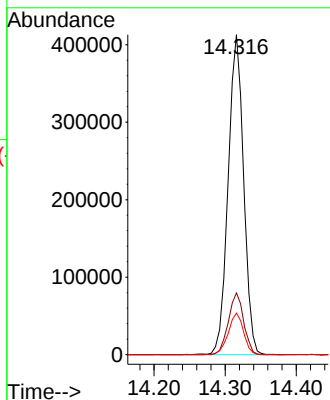
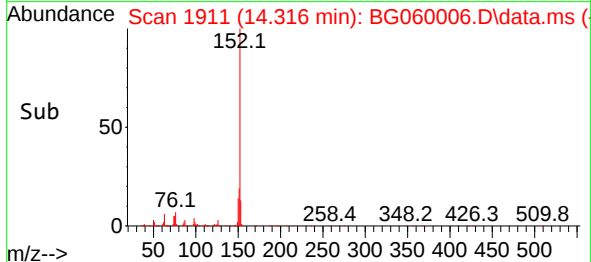
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



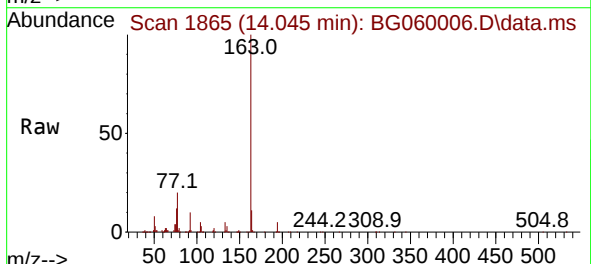
Tgt Ion:152 Resp: 624664
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.8
153 13.0 11.0 16.4

Manual Integrations
APPROVED

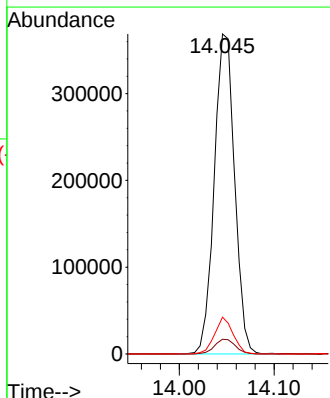
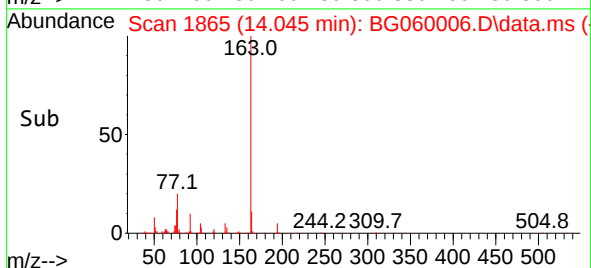
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023

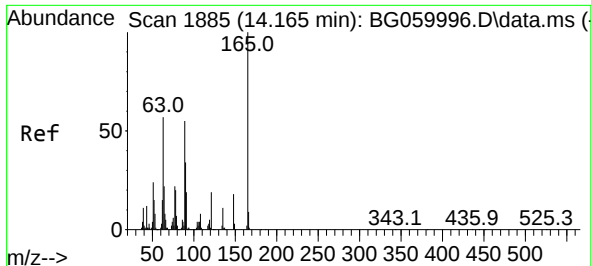


#50
Dimethylphthalate
Concen: 41.010 ng
RT: 14.045 min Scan# 1865
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06



Tgt Ion:163 Resp: 551113
Ion Ratio Lower Upper
163 100
194 4.6 3.7 5.5
164 11.5 8.2 12.4





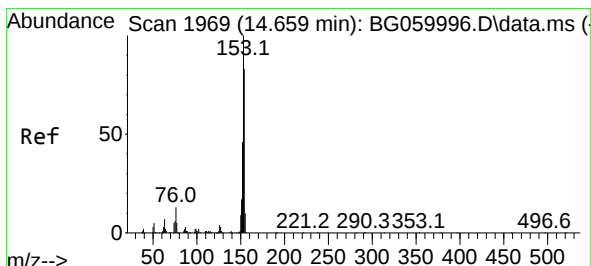
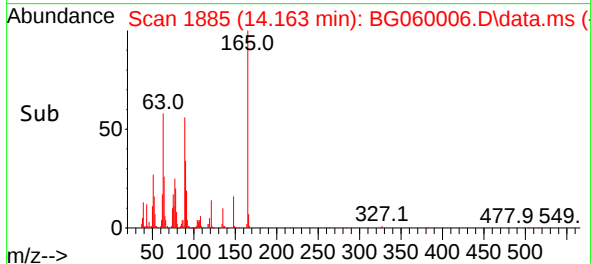
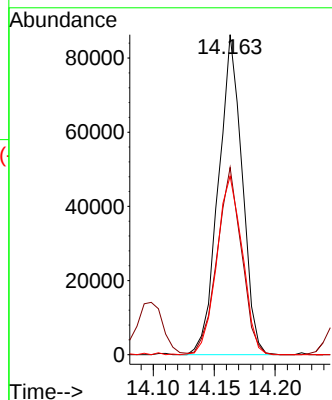
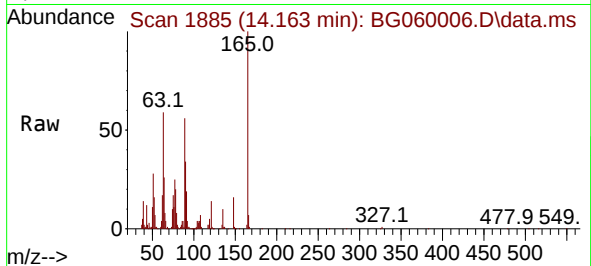
#51
2,6-Dinitrotoluene
Concen: 41.973 ng
RT: 14.163 min Scan# 1885
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 11684
Ion Ratio Lower Upper
165 100
63 58.5 48.2 72.2
89 55.8 44.4 66.6

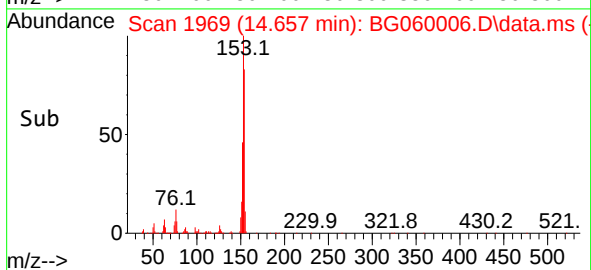
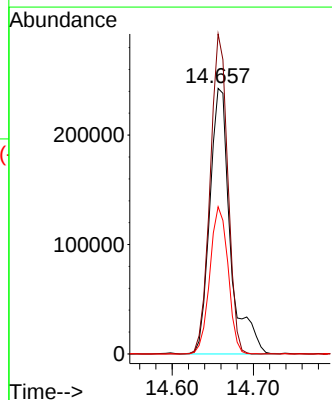
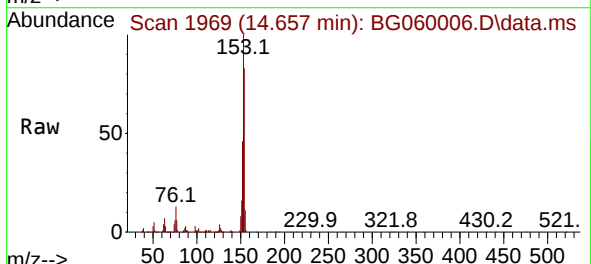
Manual Integrations
APPROVED

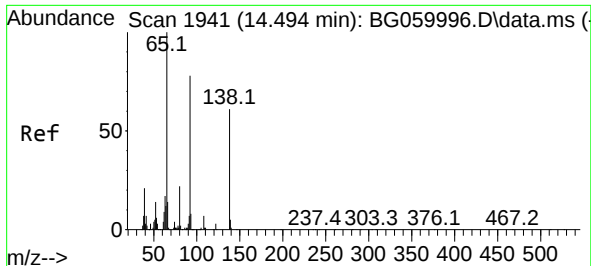
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#52
Acenaphthene
Concen: 40.684 ng
RT: 14.657 min Scan# 1969
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Tgt Ion:154 Resp: 425964
Ion Ratio Lower Upper
154 100
153 120.5 96.0 144.0
152 55.4 44.3 66.5





#53
3-Nitroaniline
Concen: 42.711 ng
RT: 14.492 min Scan# 1941
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

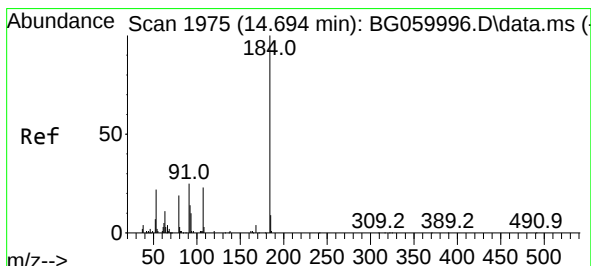
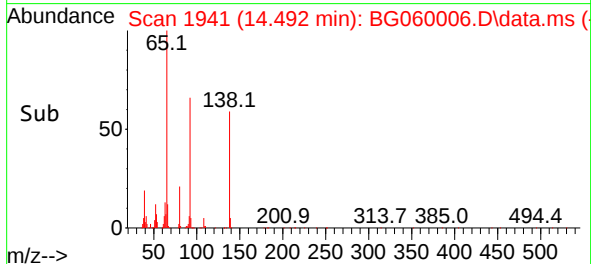
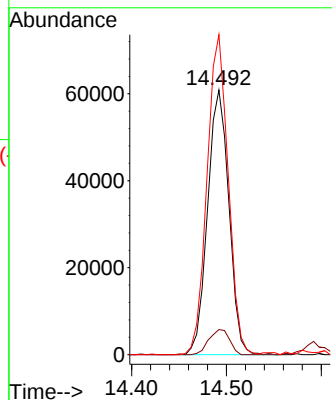
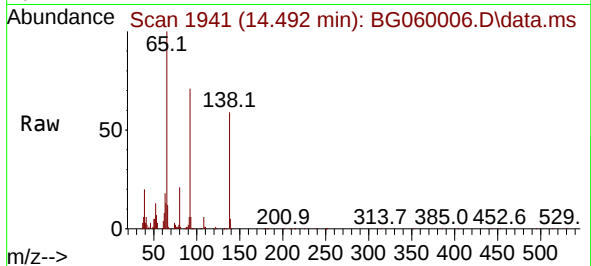
ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 95008
Ion Ratio Lower Upper
138 100
108 9.5 8.9 13.3
92 120.9 102.1 153.1

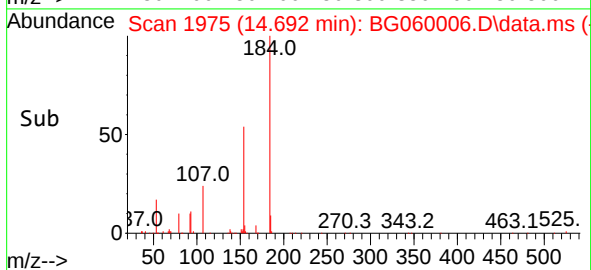
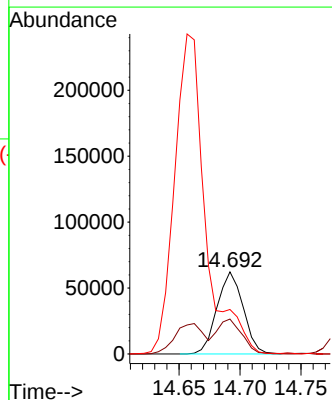
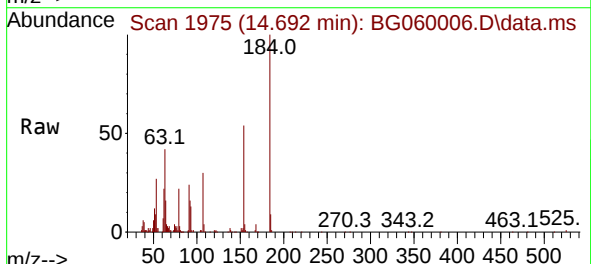
Manual Integrations
APPROVED

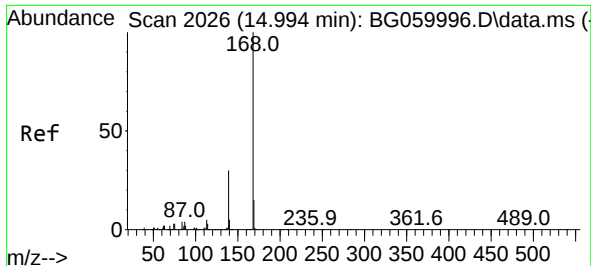
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#54
2,4-Dinitrophenol
Concen: 45.292 ng
RT: 14.692 min Scan# 1975
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Tgt Ion:184 Resp: 92894
Ion Ratio Lower Upper
184 100
63 42.5 35.5 53.3
154 54.3 36.7 55.1





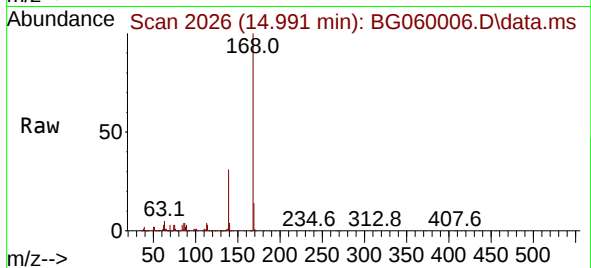
#55
Dibenzofuran
Concen: 40.992 ng
RT: 14.991 min Scan# 2026
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



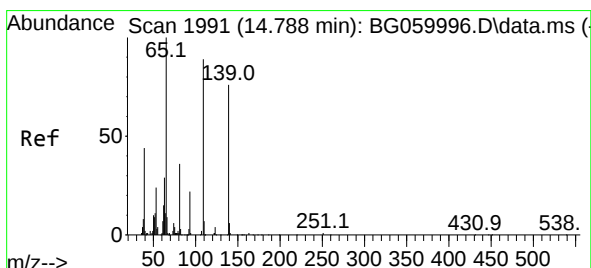
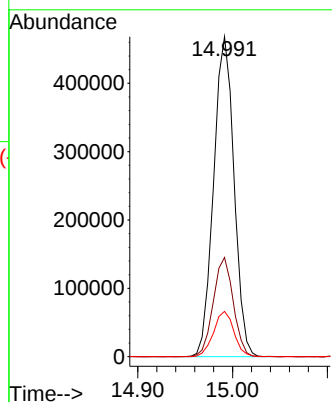
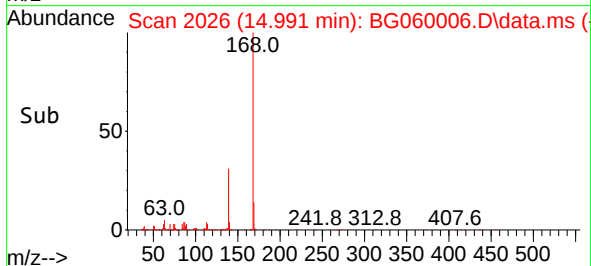
Tgt Ion:168 Resp: 69856
Ion Ratio Lower Upper
168 100
139 31.0 24.0 36.0
169 14.1 11.8 17.8

Manual Integrations

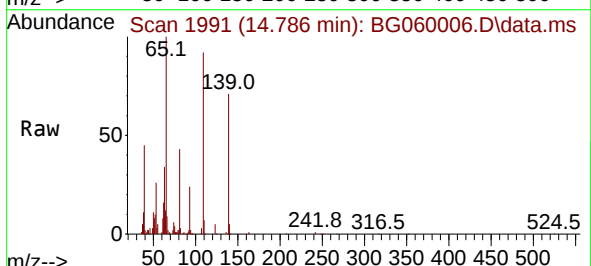
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

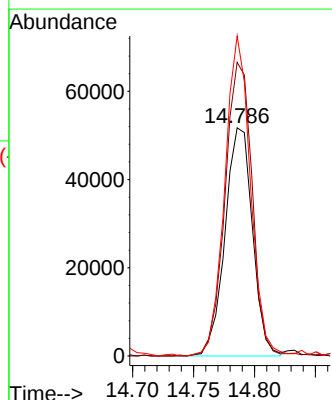
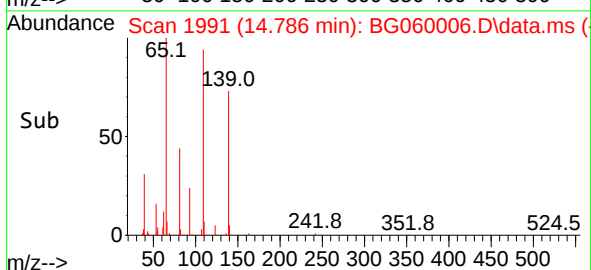
Supervised By :mohammad ahmed 12/16/2023

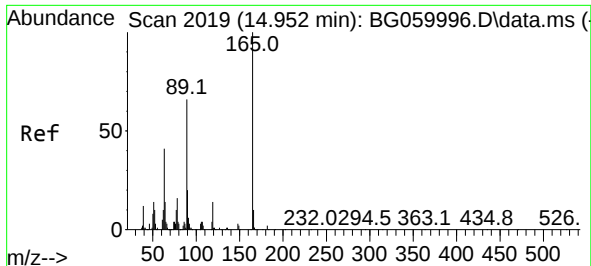


#56
4-Nitrophenol
Concen: 43.409 ng
RT: 14.786 min Scan# 1991
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06



Tgt Ion:139 Resp: 81155
Ion Ratio Lower Upper
139 100
109 128.7 97.2 137.2
65 140.2 112.2 152.2





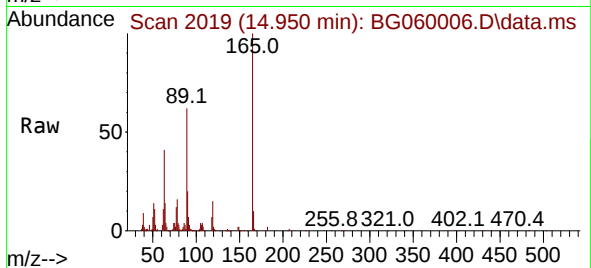
#57
2,4-Dinitrotoluene
Concen: 44.679 ng
RT: 14.950 min Scan# 2019
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



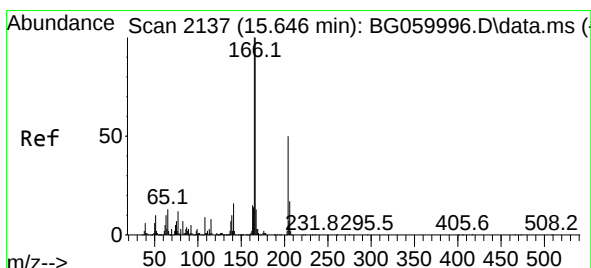
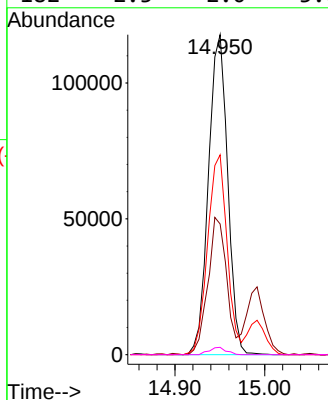
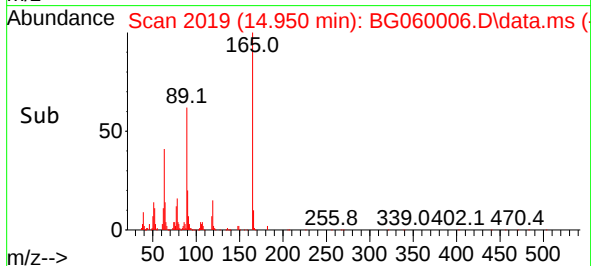
Tgt Ion:165 Resp: 174839
Ion Ratio Lower Upper
165 100
63 40.8 32.8 49.2
89 62.5 53.0 79.6
182 2.3 2.0 3.0

Manual Integrations

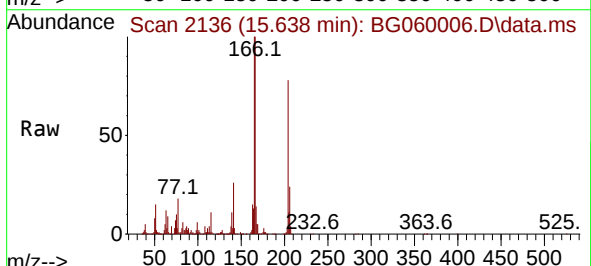
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

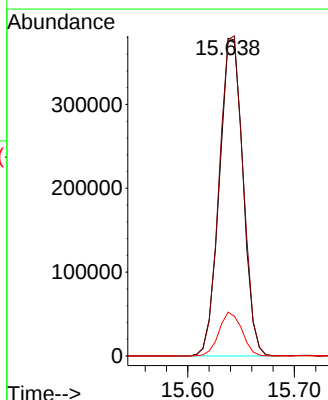
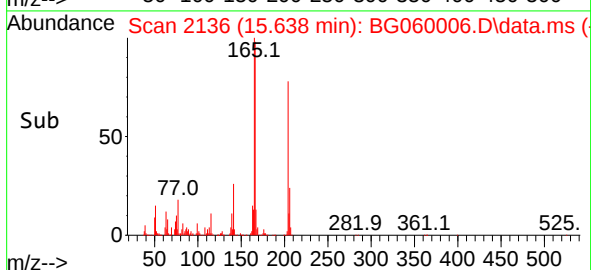
Supervised By :mohammad ahmed 12/16/2023

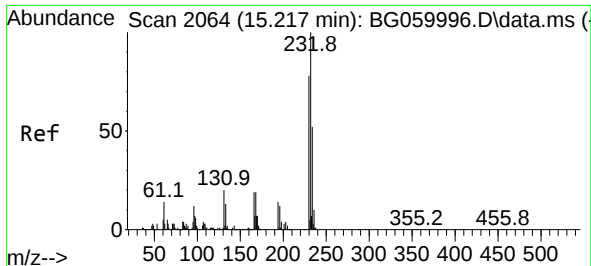


#58
Fluorene
Concen: 40.471 ng
RT: 15.638 min Scan# 2136
Delta R.T. -0.008 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06



Tgt Ion:166 Resp: 581579
Ion Ratio Lower Upper
166 100
165 99.6 80.2 120.2
167 13.8 10.3 15.5





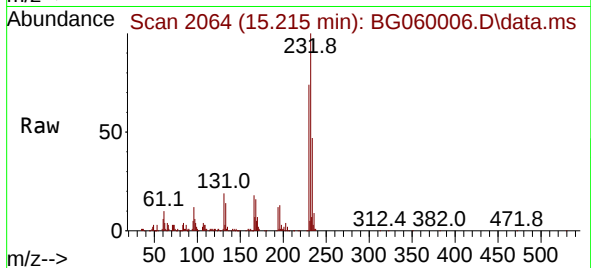
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.889 ng
RT: 15.215 min Scan# 2064
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

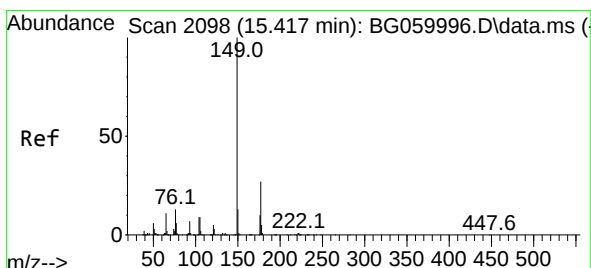
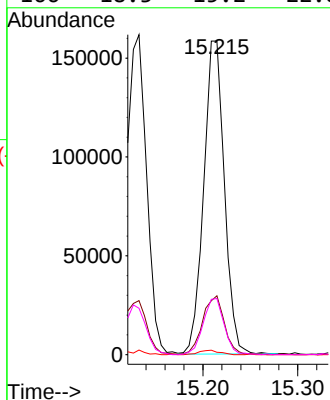
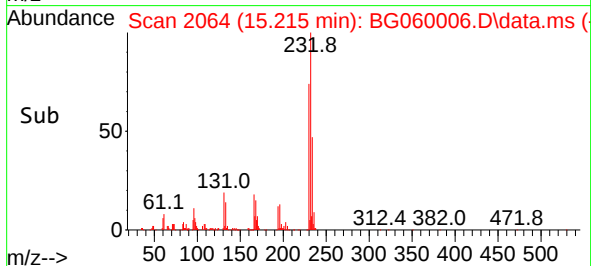


Tgt Ion:232 Resp: 240010
Ion Ratio Lower Upper
232 100
131 19.9 17.6 26.4
130 1.4 1.0 1.6
166 18.3 15.2 22.8

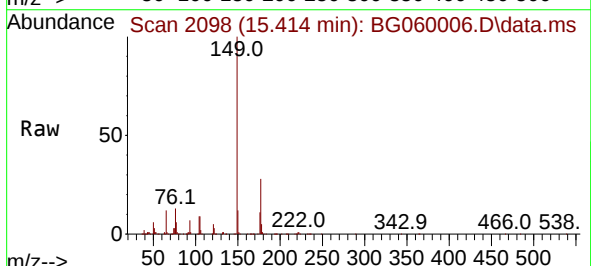
Manual Integrations

APPROVED

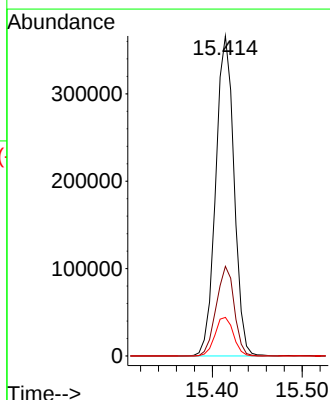
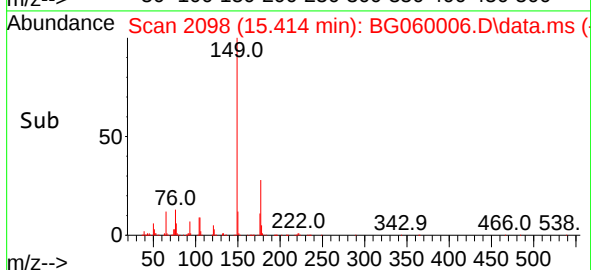
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023

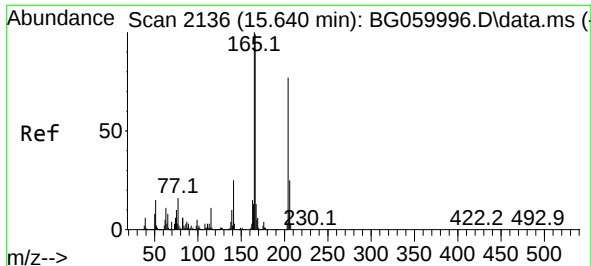


#60
Diethylphthalate
Concen: 41.884 ng
RT: 15.414 min Scan# 2098
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06



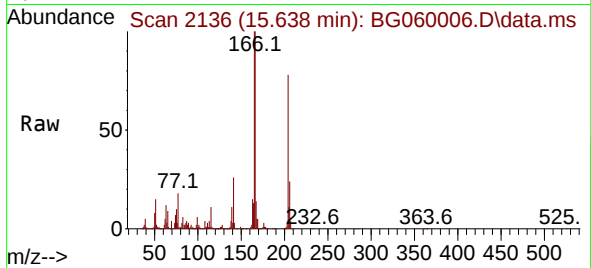
Tgt Ion:149 Resp: 517893
Ion Ratio Lower Upper
149 100
177 28.0 21.5 32.3
150 12.1 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 40.537 ng
RT: 15.638 min Scan# 2136
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

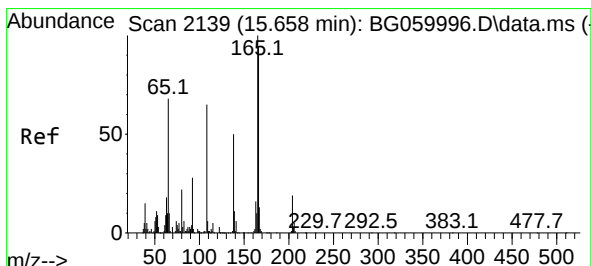
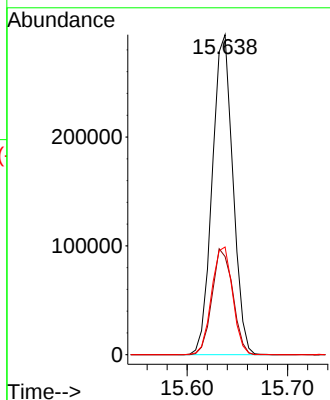
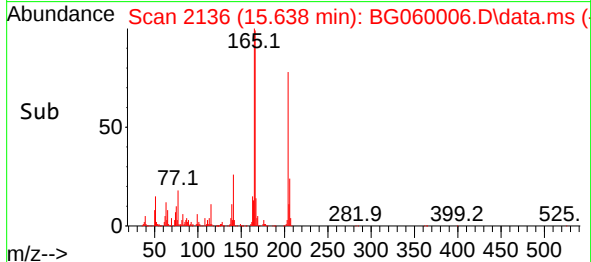
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



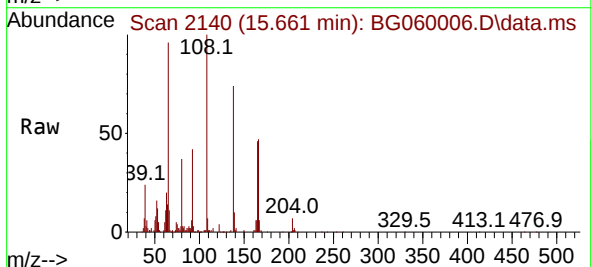
Tgt Ion:204 Resp: 419528
Ion Ratio Lower Upper
204 100
206 30.7 25.9 38.9
141 33.7 25.6 38.4

Manual Integrations
APPROVED

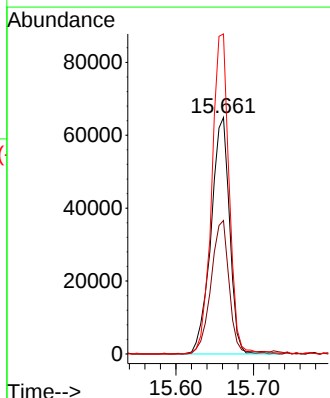
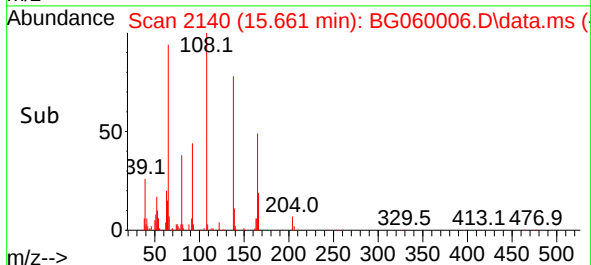
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023

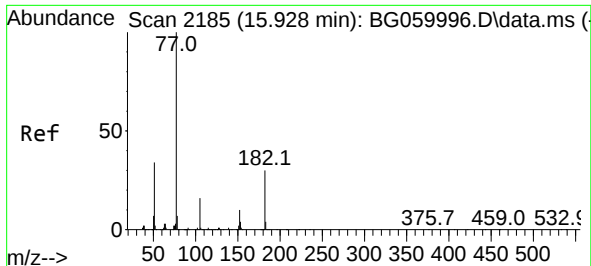


#62
4-Nitroaniline
Concen: 44.546 ng
RT: 15.661 min Scan# 2140
Delta R.T. 0.004 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06



Tgt Ion:138 Resp: 107901
Ion Ratio Lower Upper
138 100
92 56.4 36.3 76.3
108 135.3 109.3 149.3





#63
Azobenzene
Concen: 40.732 ng
RT: 15.926 min Scan# 2185
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

ClientSampleId :

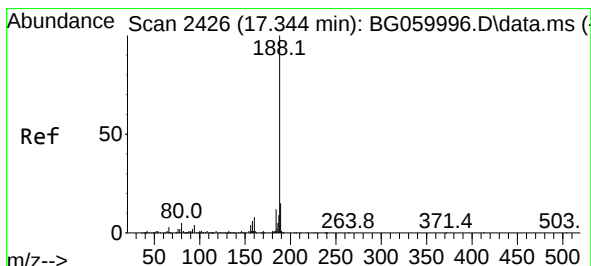
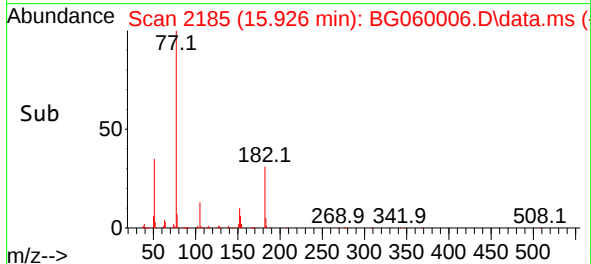
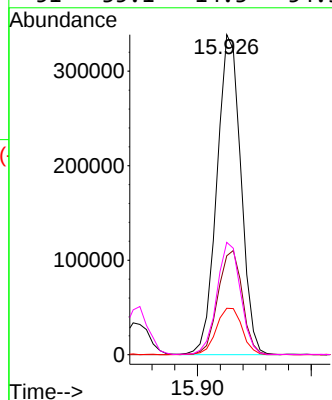
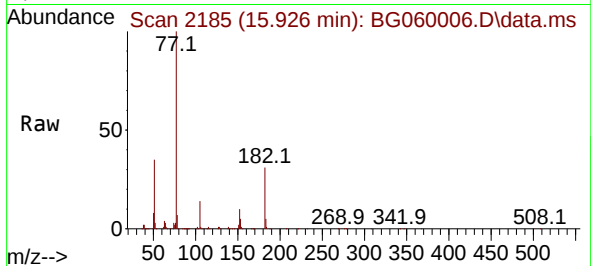
SSTDCCC040

Tgt Ion: 77 Resp: 496562
Ion Ratio Lower Upper
77 100
182 30.9 10.2 50.2
105 14.5 0.0 36.5
51 35.1 14.3 54.3

Manual Integrations

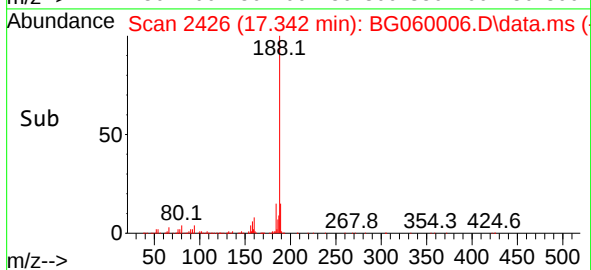
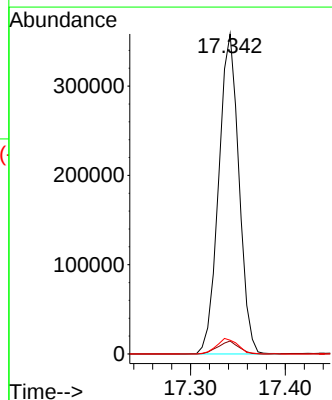
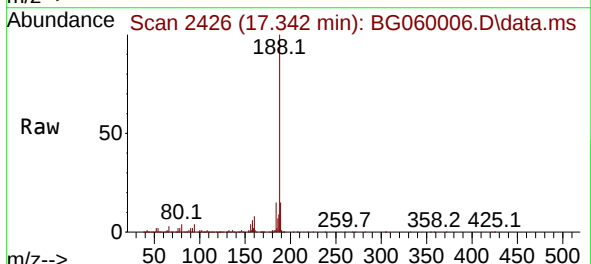
APPROVED

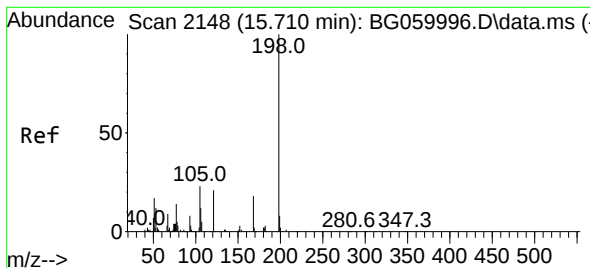
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 2426
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Tgt Ion:188 Resp: 532387
Ion Ratio Lower Upper
188 100
94 4.1 3.0 4.6
80 4.3 4.0 6.0





#65
4,6-Dinitro-2-methylphenol
Concen: 43.527 ng
RT: 15.708 min Scan# 2148
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

ClientSampleId :

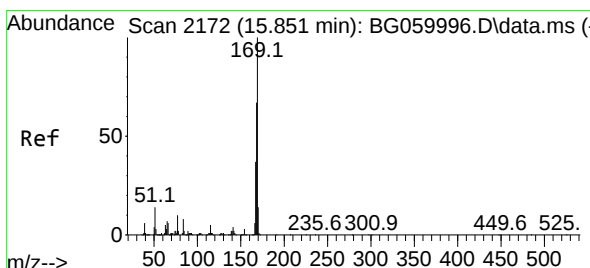
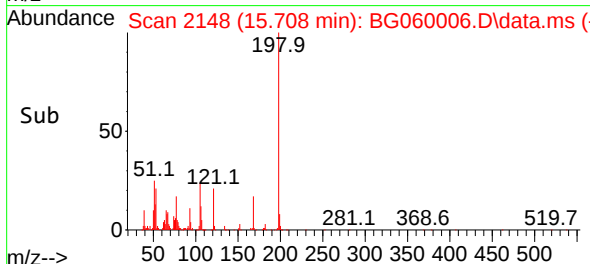
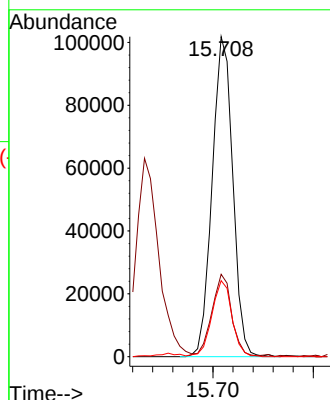
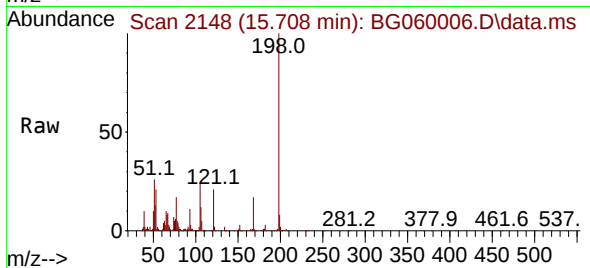
SSTDCCC040

Tgt Ion:198 Resp: 145294
Ion Ratio Lower Upper
198 100
51 25.8 0.0 39.7
105 23.8 3.3 43.3

Manual Integrations

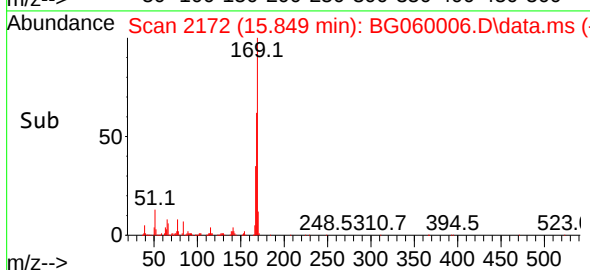
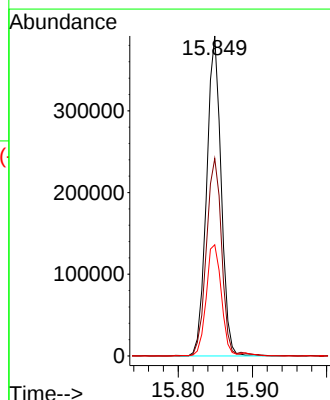
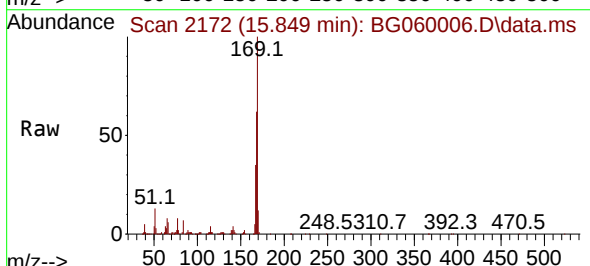
APPROVED

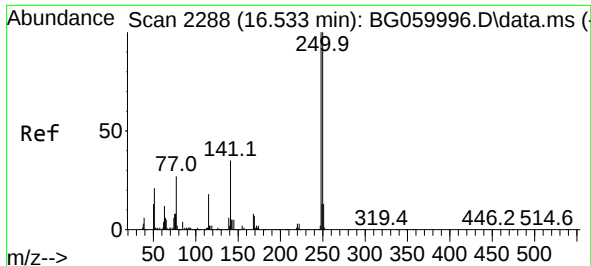
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#66
n-Nitrosodiphenylamine
Concen: 40.994 ng
RT: 15.849 min Scan# 2172
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Tgt Ion:169 Resp: 533171
Ion Ratio Lower Upper
169 100
168 61.7 53.4 80.2
167 34.7 30.0 45.0





#67
4-Bromophenyl-phenylether
Concen: 40.499 ng
RT: 16.531 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

ClientSampleId :

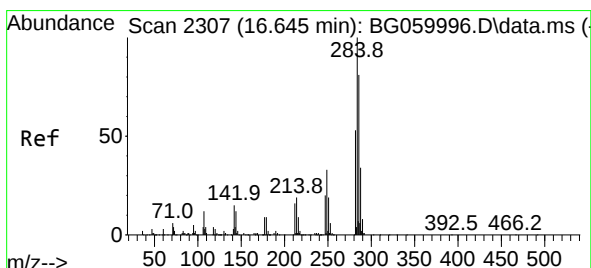
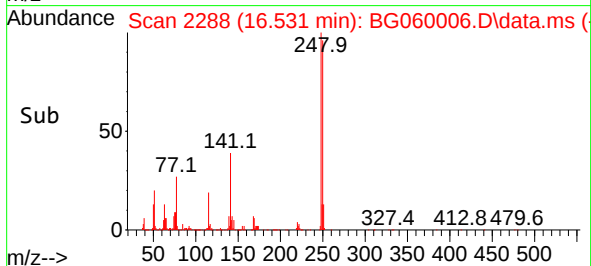
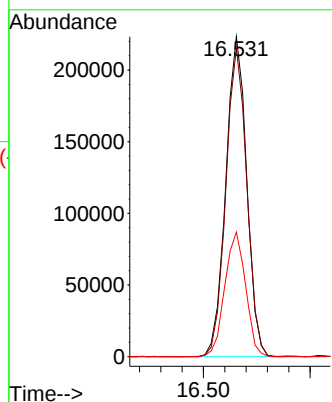
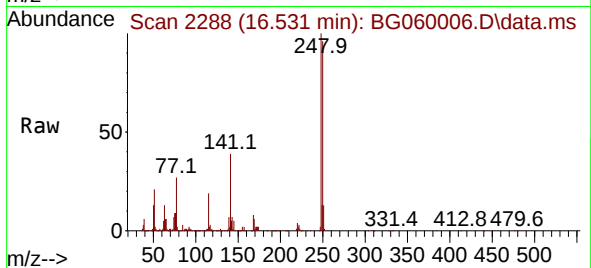
SSTDCCC040

Tgt Ion:248 Resp: 304215
Ion Ratio Lower Upper
248 100
250 96.4 79.9 119.9
141 38.9 28.3 42.5

Manual Integrations

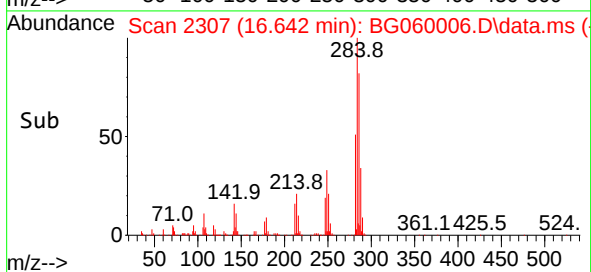
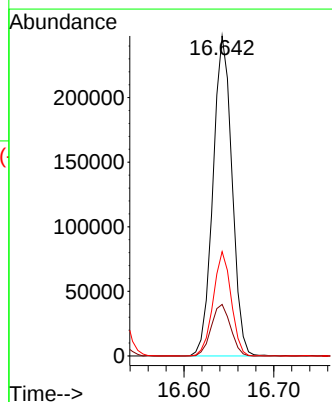
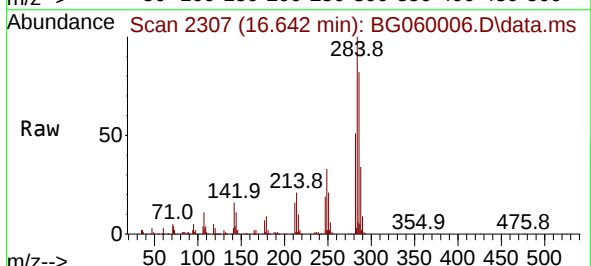
APPROVED

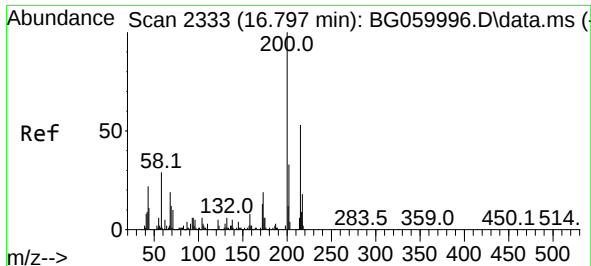
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#68
Hexachlorobenzene
Concen: 41.466 ng
RT: 16.642 min Scan# 2307
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

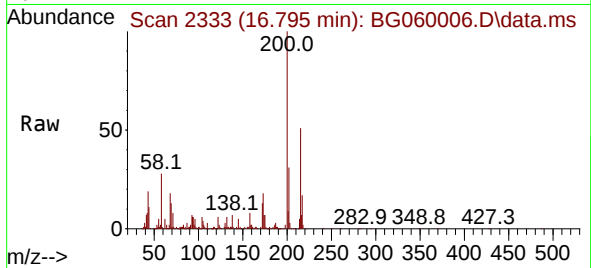
Tgt Ion:284 Resp: 364120
Ion Ratio Lower Upper
284 100
142 16.1 11.7 17.5
249 34.4 26.1 39.1





#69
Atrazine
Concen: 41.588 ng
RT: 16.795 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

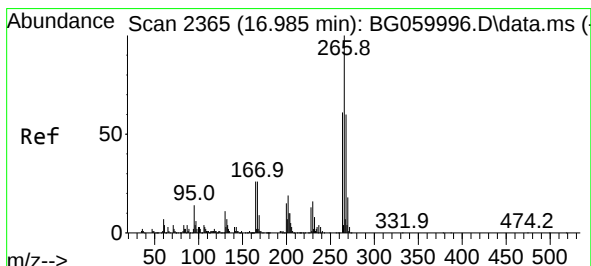
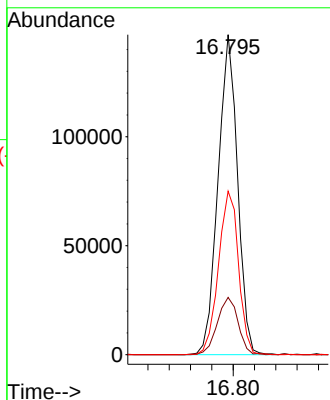
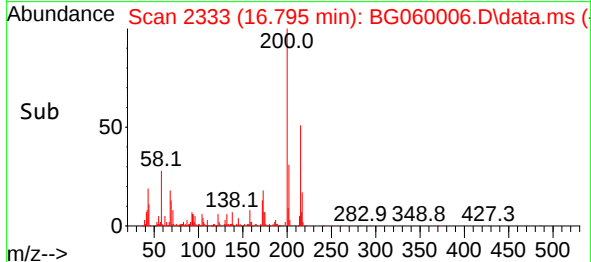
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



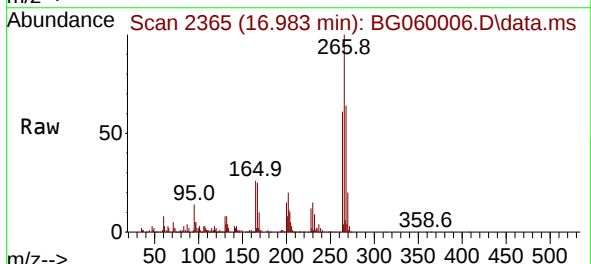
Tgt Ion:200 Resp: 185728
Ion Ratio Lower Upper
200 100
173 17.9 0.0 39.3
215 51.1 33.1 73.1

Manual Integrations
APPROVED

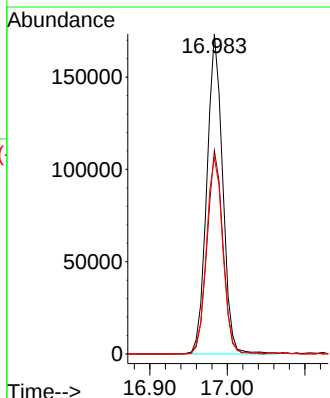
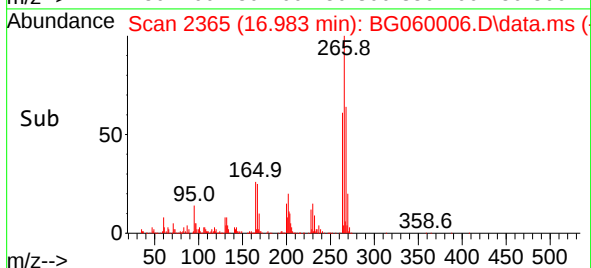
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023

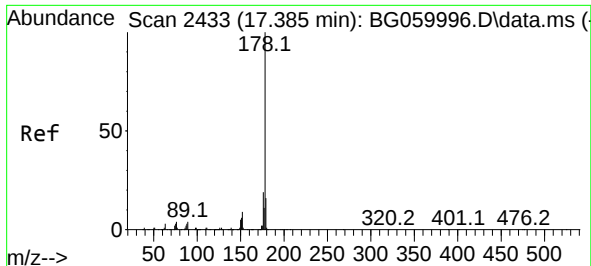


#70
Pentachlorophenol
Concen: 43.055 ng
RT: 16.983 min Scan# 2365
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06



Tgt Ion:266 Resp: 244929
Ion Ratio Lower Upper
266 100
268 63.6 47.9 71.9
264 61.2 48.8 73.2





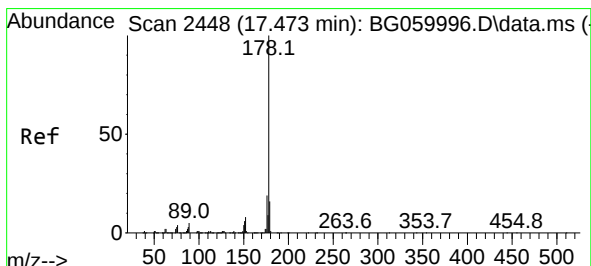
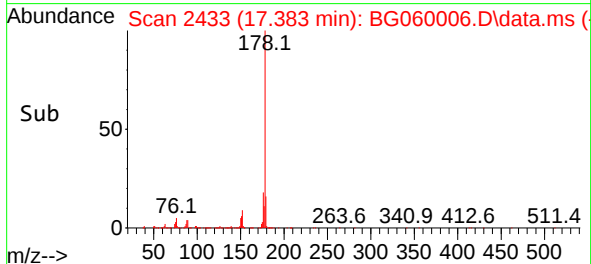
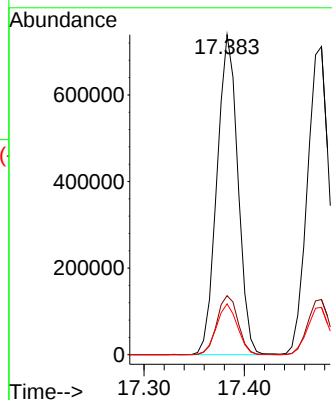
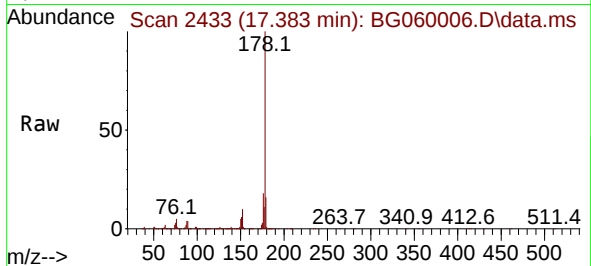
#71
Phenanthrene
Concen: 41.438 ng
RT: 17.383 min Scan# 2433
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 106857
Ion Ratio Lower Upper
178 100
176 18.5 15.6 23.4
179 15.9 12.6 19.0

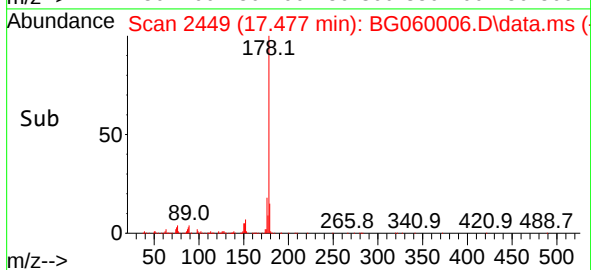
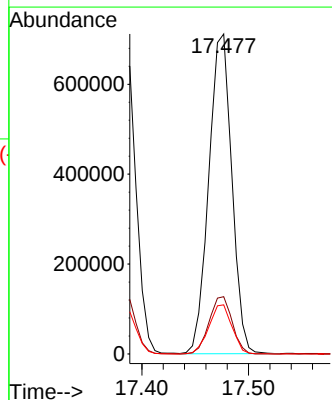
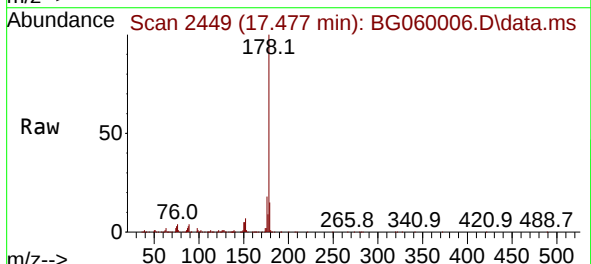
Manual Integrations
APPROVED

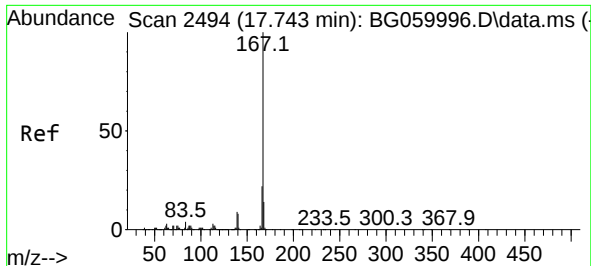
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#72
Anthracene
Concen: 41.248 ng
RT: 17.477 min Scan# 2449
Delta R.T. 0.004 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Tgt Ion:178 Resp: 1069468
Ion Ratio Lower Upper
178 100
176 17.9 15.0 22.6
179 15.4 12.6 19.0





#73
 Carbazole
 Concen: 41.845 ng
 RT: 17.741 min Scan# 2494
 Delta R.T. -0.002 min
 Lab File: BG060006.D
 Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

ClientSampleId :

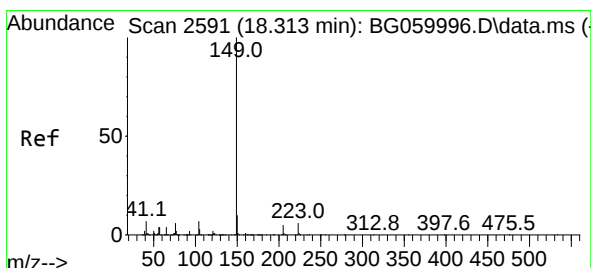
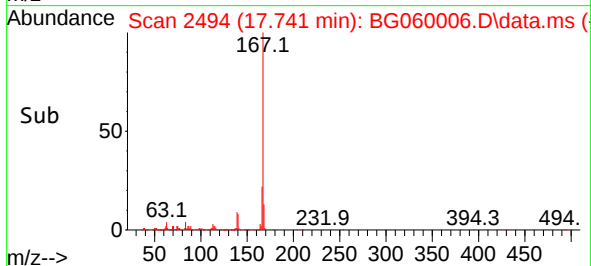
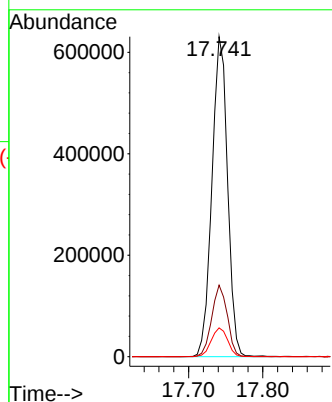
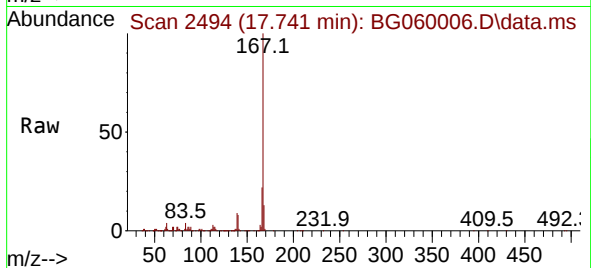
SSTDCCC040

Tgt Ion:167 Resp: 921964
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.4 26.0
 139 9.0 7.5 11.3

Manual Integrations

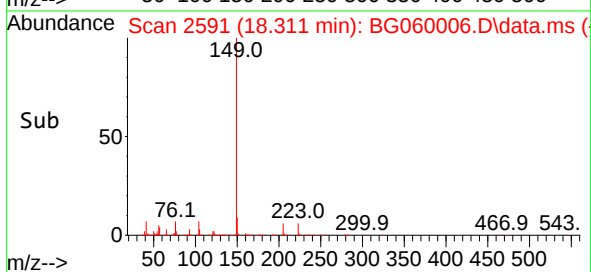
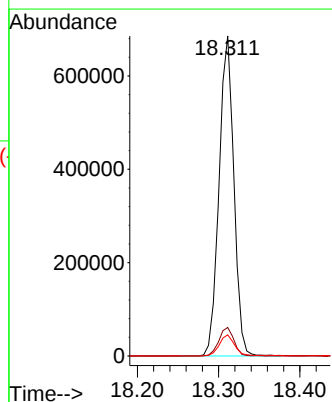
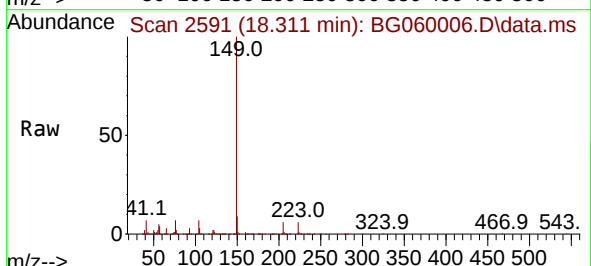
APPROVED

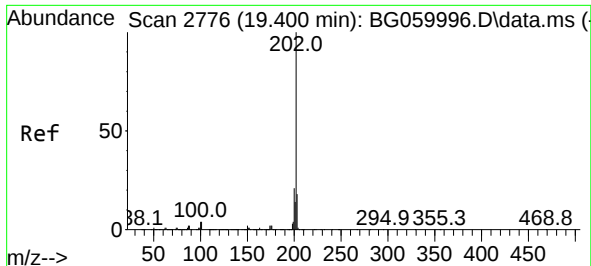
Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/16/2023



#74
 Di-n-butylphthalate
 Concen: 43.276 ng
 RT: 18.311 min Scan# 2591
 Delta R.T. -0.002 min
 Lab File: BG060006.D
 Acq: 14 Dec 2023 10:06

Tgt Ion:149 Resp: 869829
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.9 11.9
 104 6.6 5.6 8.4





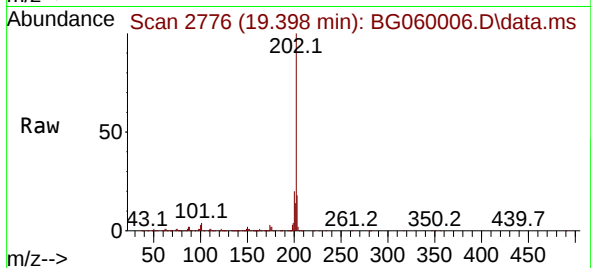
#75
Fluoranthene
Concen: 43.051 ng
RT: 19.398 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



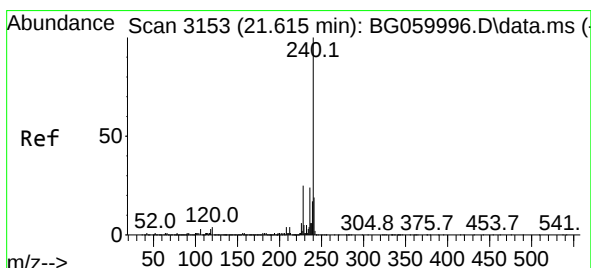
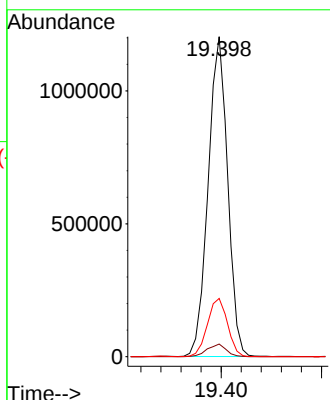
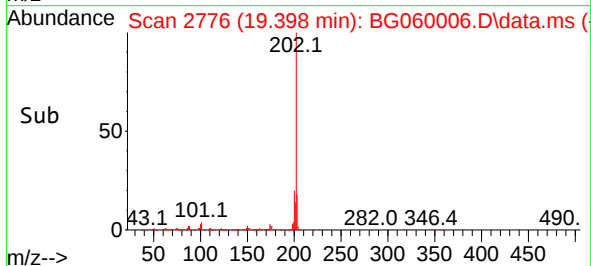
Tgt Ion:202 Resp: 162000
Ion Ratio Lower Upper
202 100
101 4.0 0.0 24.2
203 18.2 0.0 37.6

Manual Integrations

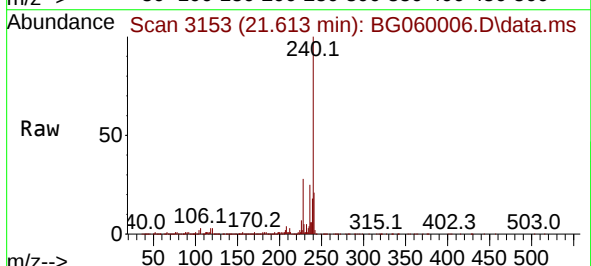
APPROVED

Reviewed By :Yogesh Patel 12/15/2023

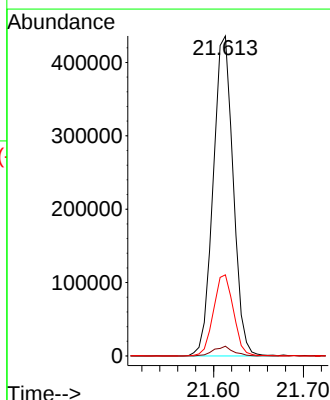
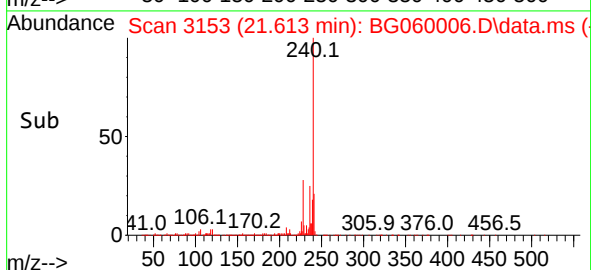
Supervised By :mohammad ahmed 12/16/2023

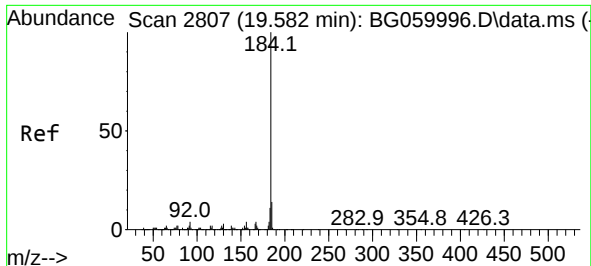


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.613 min Scan# 3153
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06



Tgt Ion:240 Resp: 674346
Ion Ratio Lower Upper
240 100
120 3.1 2.9 4.3
236 25.3 19.4 29.2





#77
Benzidine
Concen: 68.039 ng
RT: 19.580 min Scan# 2807
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

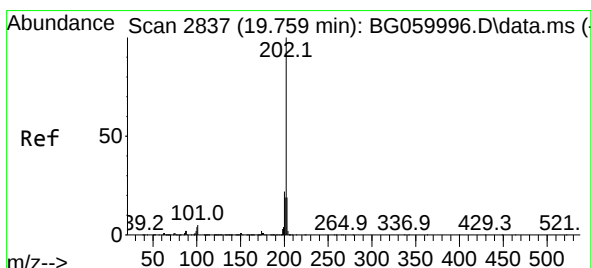
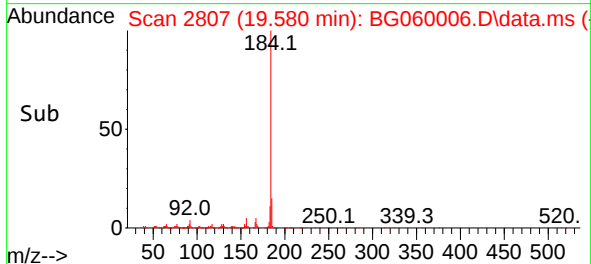
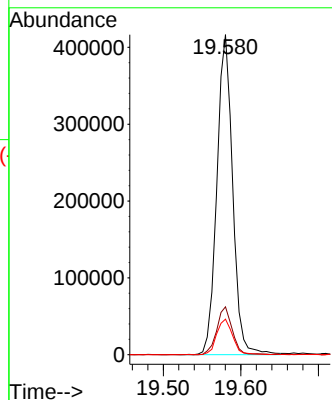
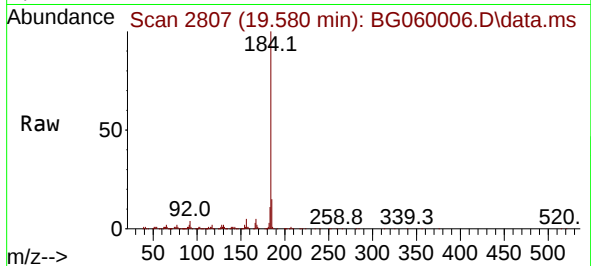
ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 58934
Ion Ratio Lower Upper
184 100
185 15.0 11.1 16.7
183 11.1 9.0 13.4

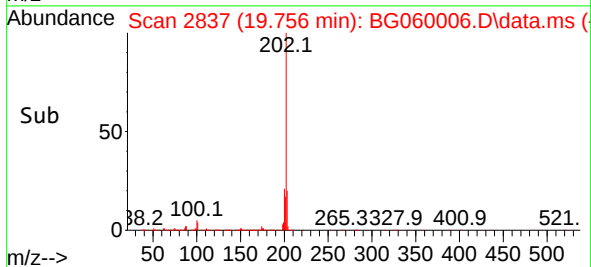
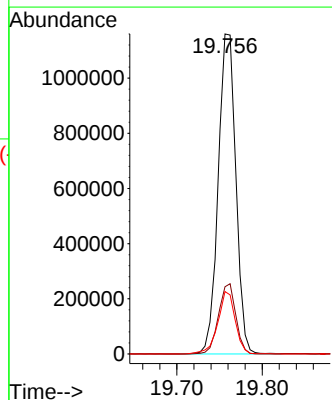
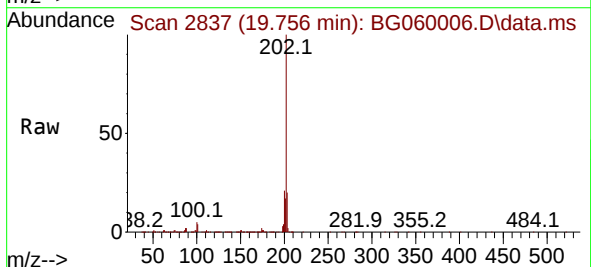
Manual Integrations
APPROVED

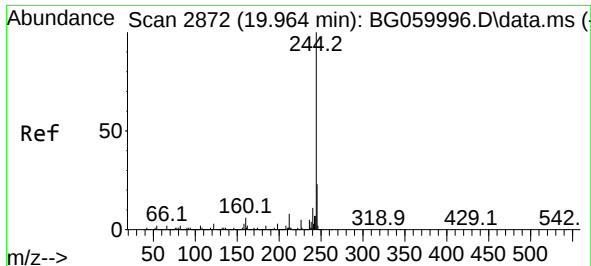
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#78
Pyrene
Concen: 40.861 ng
RT: 19.756 min Scan# 2837
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Tgt Ion:202 Resp: 1670309
Ion Ratio Lower Upper
202 100
200 21.0 17.6 26.4
203 19.5 14.9 22.3





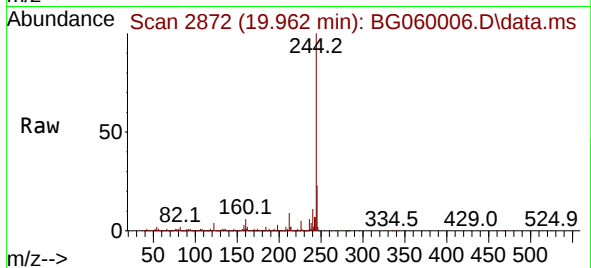
#79
 Terphenyl-d14
 Concen: 84.979 ng
 RT: 19.962 min Scan# 2872
 Delta R.T. -0.002 min
 Lab File: BG060006.D
 Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

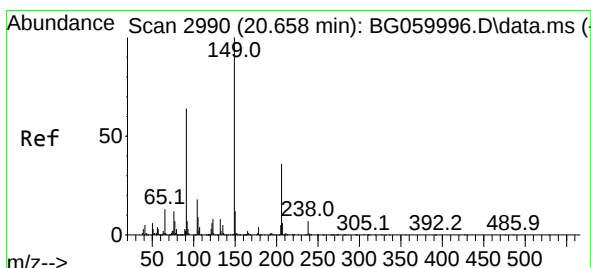
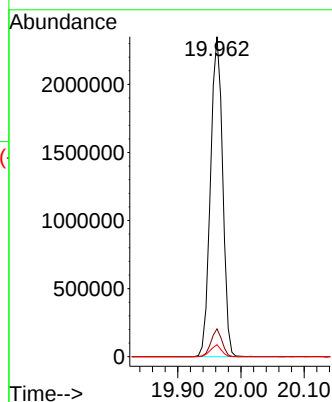
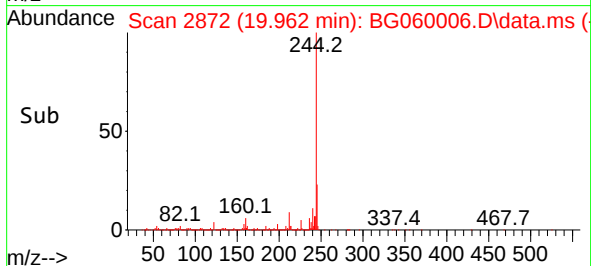


Tgt Ion:244 Resp: 3138780
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.8 10.2
 122 3.7 2.6 3.8

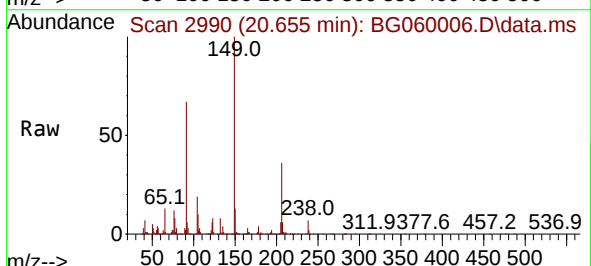
Manual Integrations

APPROVED

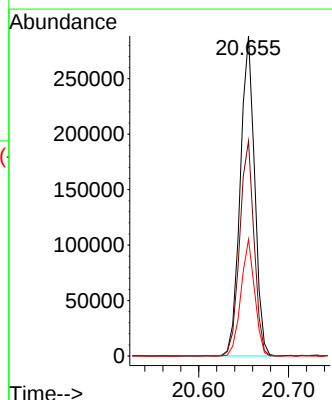
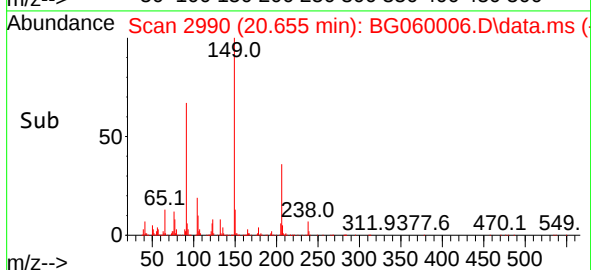
Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/16/2023

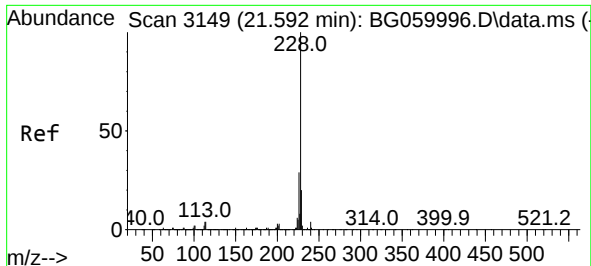


#80
 Butylbenzylphthalate
 Concen: 43.691 ng
 RT: 20.655 min Scan# 2990
 Delta R.T. -0.002 min
 Lab File: BG060006.D
 Acq: 14 Dec 2023 10:06



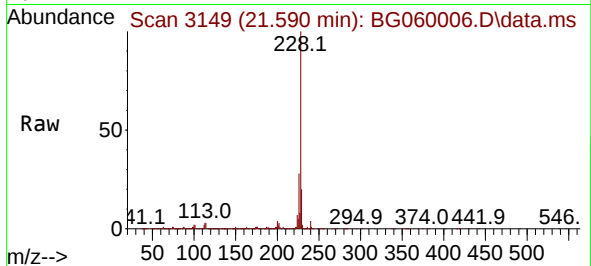
Tgt Ion:149 Resp: 320759
 Ion Ratio Lower Upper
 149 100
 91 67.2 51.3 76.9
 206 36.5 28.8 43.2





#81
Benzo(a)anthracene
Concen: 41.587 ng
RT: 21.590 min Scan# 3149
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

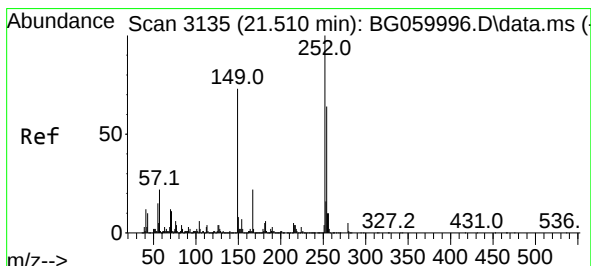
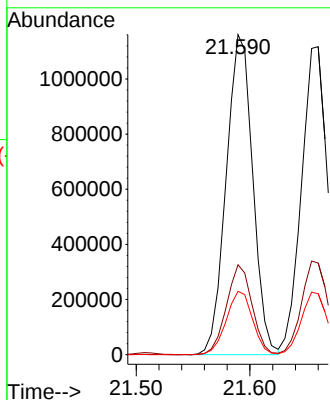
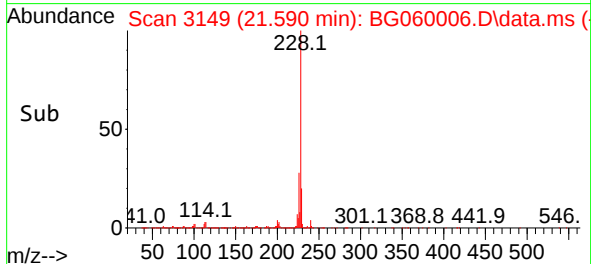
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 188378
Ion Ratio Lower Upper
228 100
226 28.1 22.9 34.3
229 19.8 16.2 24.2

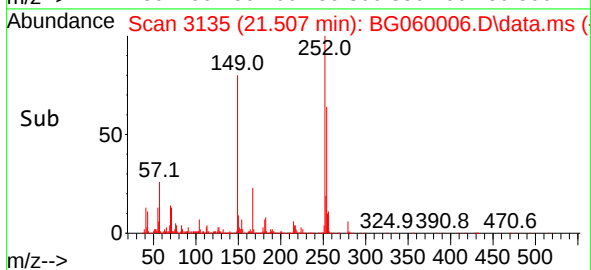
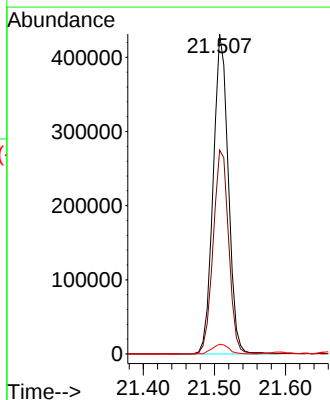
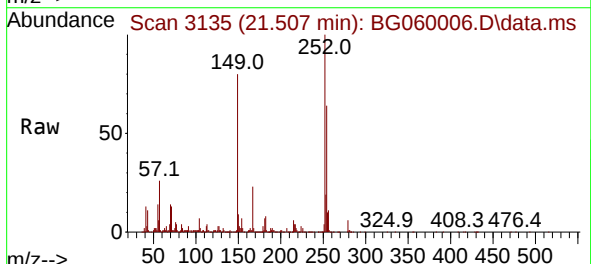
Manual Integrations
APPROVED

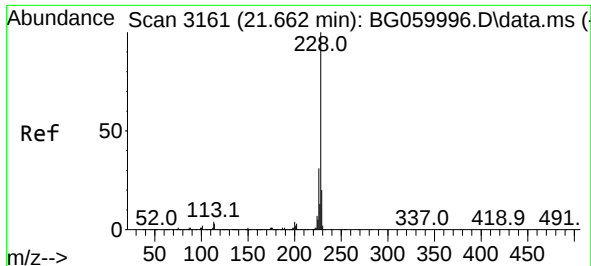
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#82
3,3'-Dichlorobenzidine
Concen: 42.614 ng
RT: 21.507 min Scan# 3135
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

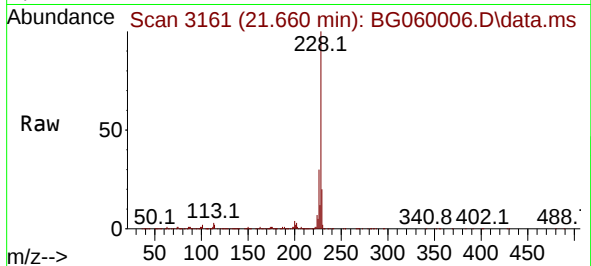
Tgt Ion:252 Resp: 635179
Ion Ratio Lower Upper
252 100
254 63.7 51.0 76.4
126 3.0 3.0 4.4





#83
Chrysene
Concen: 41.583 ng
RT: 21.660 min Scan# 3161
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

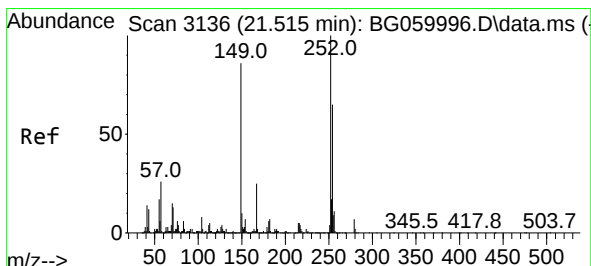
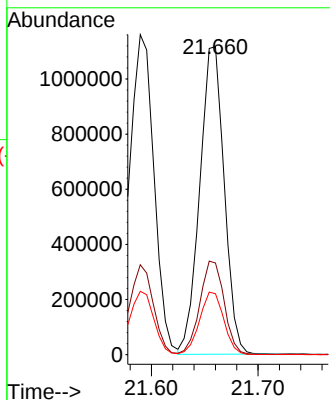
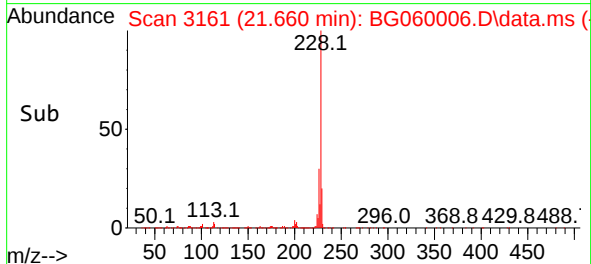
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 1784520
Ion Ratio Lower Upper
228 100
226 29.8 25.0 37.6
229 19.8 16.2 24.2

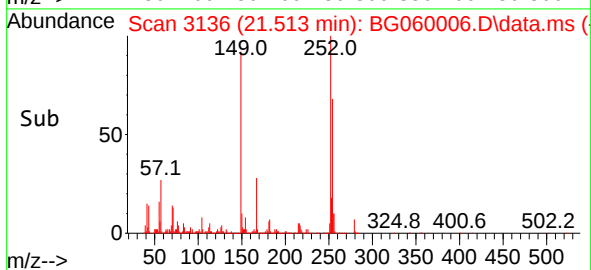
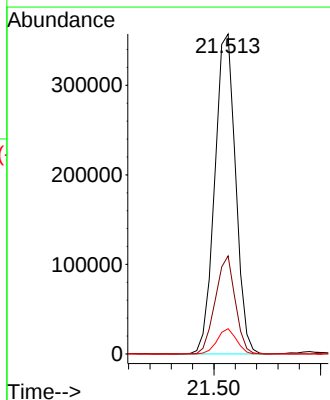
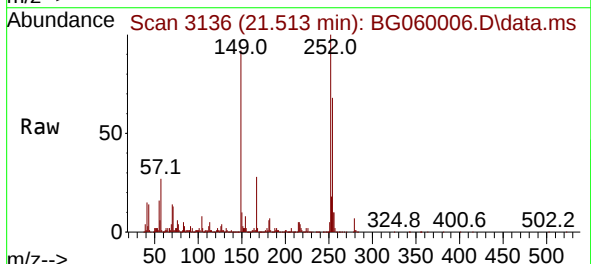
Manual Integrations
APPROVED

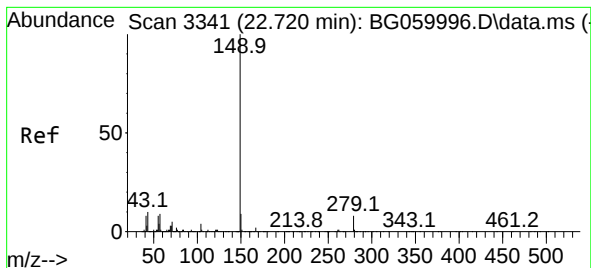
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.526 ng
RT: 21.513 min Scan# 3136
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Tgt Ion:149 Resp: 484340
Ion Ratio Lower Upper
149 100
167 30.7 23.0 34.6
279 7.9 6.2 9.2





#85

Di-n-octyl phthalate

Concen: 43.250 ng

RT: 22.718 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG060006.D

Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 832480

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

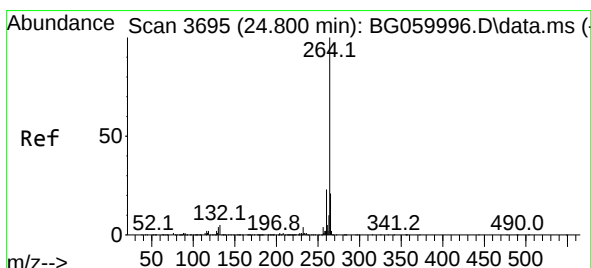
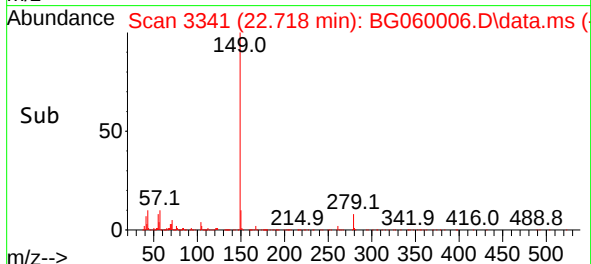
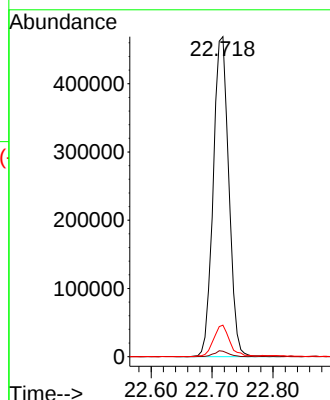
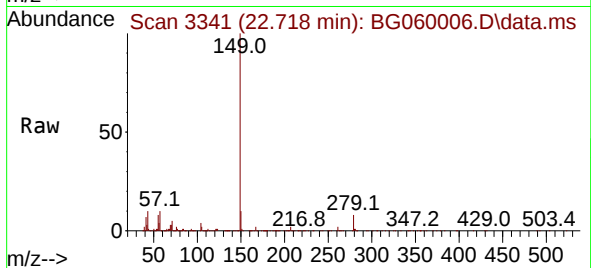
43 10.4 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/16/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.792 min Scan# 3694

Delta R.T. -0.008 min

Lab File: BG060006.D

Acq: 14 Dec 2023 10:06

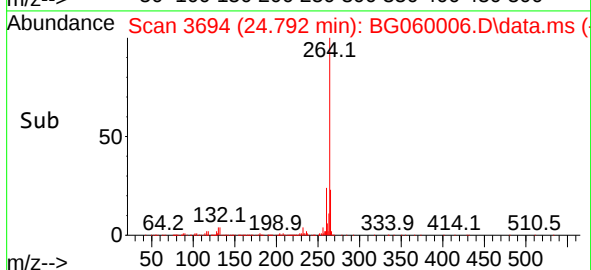
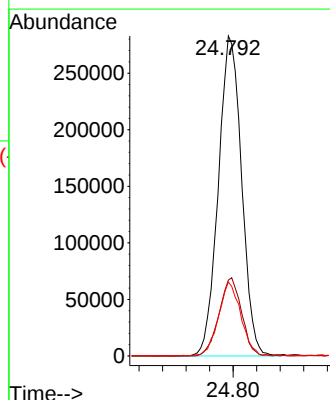
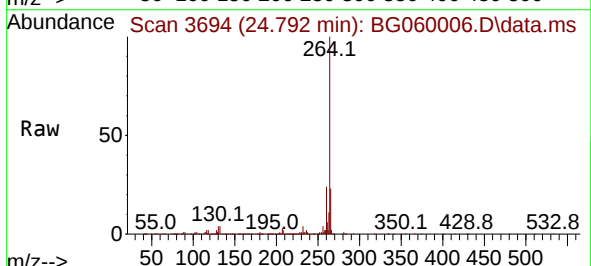
Tgt Ion:264 Resp: 775309

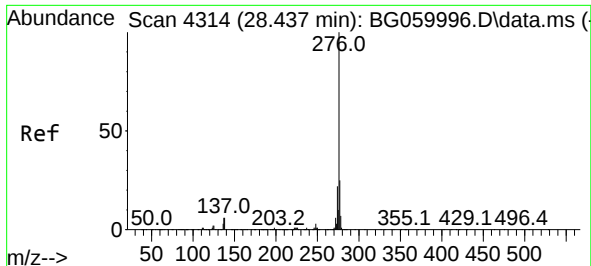
Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 23.1 17.3 25.9





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.272 ng
 RT: 28.429 min Scan# 41
 Delta R.T. -0.008 min
 Lab File: BG060006.D
 Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

ClientSampleId :

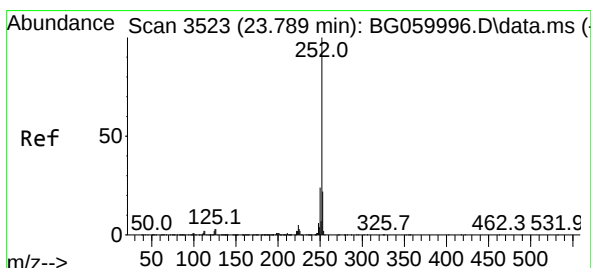
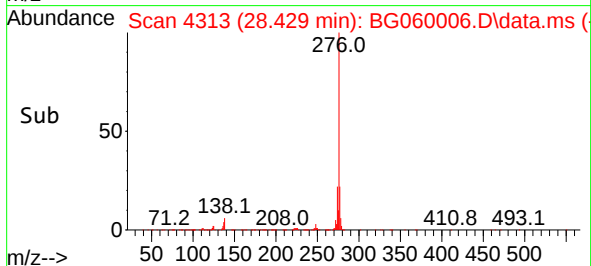
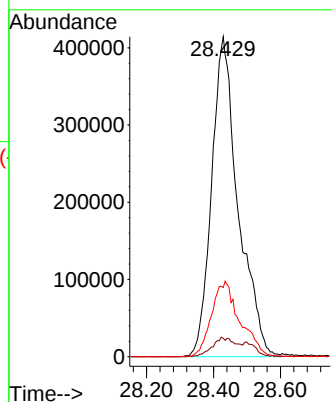
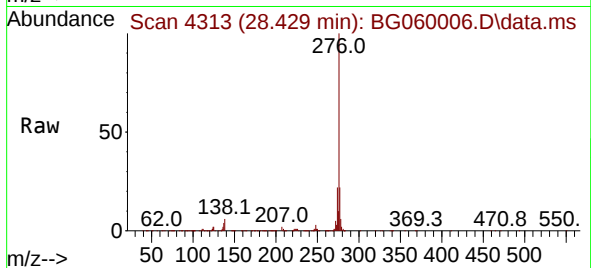
SSTDCCC040

Tgt Ion:276 Resp: 2283654
 Ion Ratio Lower Upper
 276 100
 138 3.0 4.7 7.1
 277 25.3 20.0 30.0

Manual Integrations

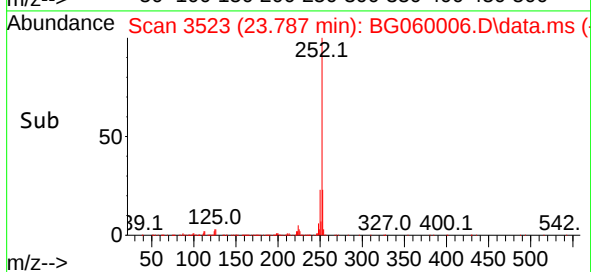
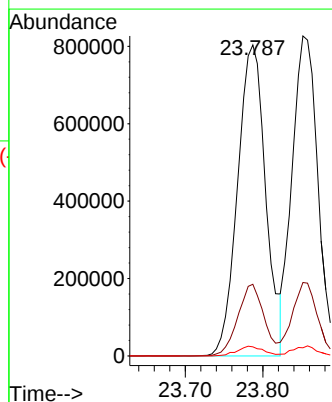
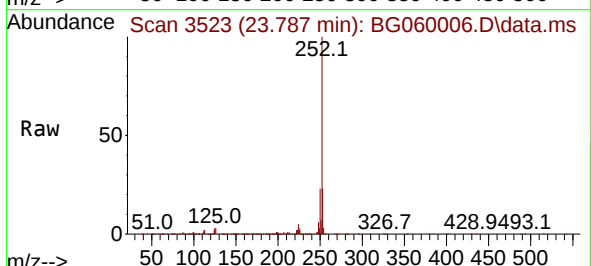
APPROVED

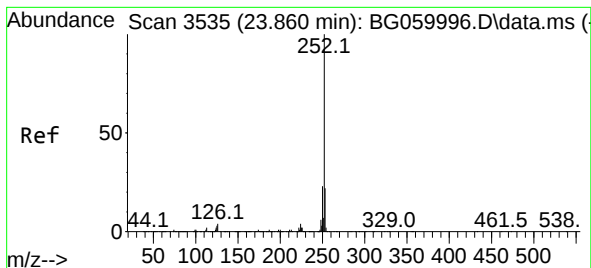
Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/16/2023



#88
 Benzo(b)fluoranthene
 Concen: 42.303 ng
 RT: 23.787 min Scan# 3523
 Delta R.T. -0.002 min
 Lab File: BG060006.D
 Acq: 14 Dec 2023 10:06

Tgt Ion:252 Resp: 2025563
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.4 26.2
 125 2.9 2.6 4.0





#89

Benzo(k)fluoranthene

Concen: 40.795 ng

RT: 23.852 min Scan# 3535

Delta R.T. -0.008 min

Lab File: BG060006.D

Acq: 14 Dec 2023 10:06

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 1894728

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

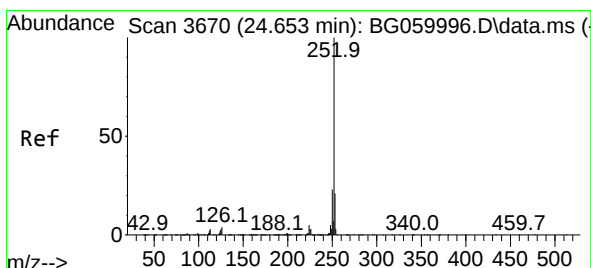
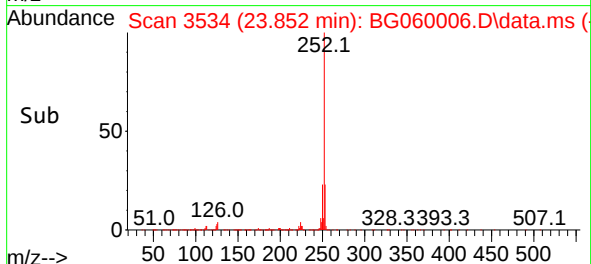
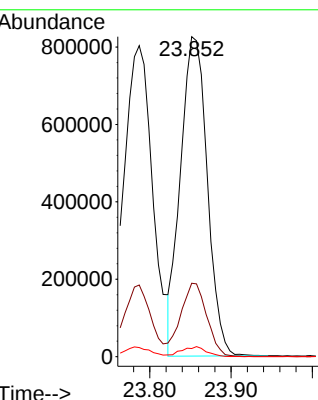
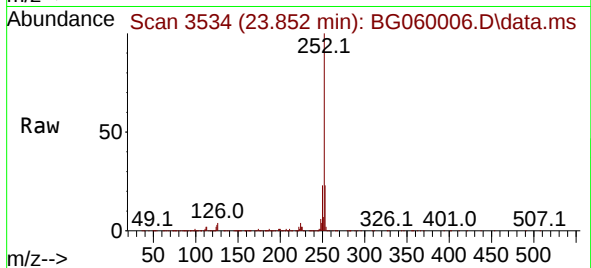
125 2.6 2.5 3.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/16/2023



#90

Benzo(a)pyrene

Concen: 41.572 ng

RT: 24.651 min Scan# 3670

Delta R.T. -0.002 min

Lab File: BG060006.D

Acq: 14 Dec 2023 10:06

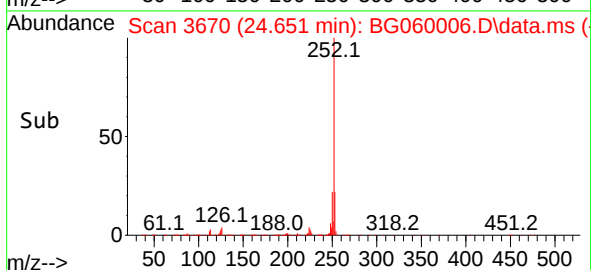
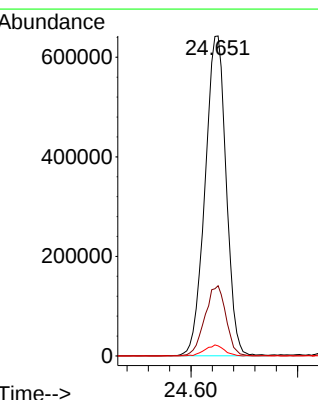
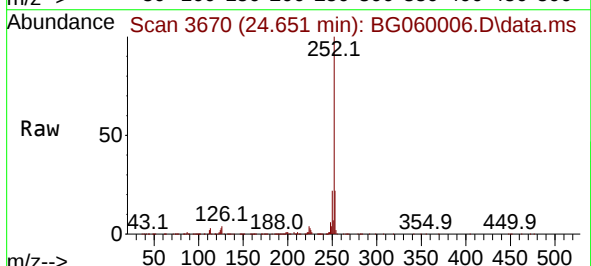
Tgt Ion:252 Resp: 1763612

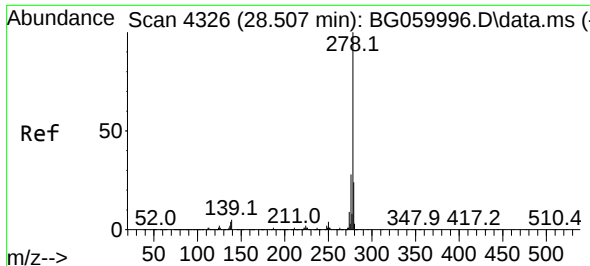
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

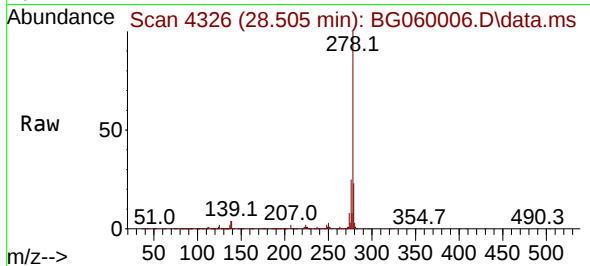
125 3.1 2.6 4.0





#91
Dibenzo(a,h)anthracene
Concen: 42.462 ng
RT: 28.505 min Scan# 41
Delta R.T. -0.002 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

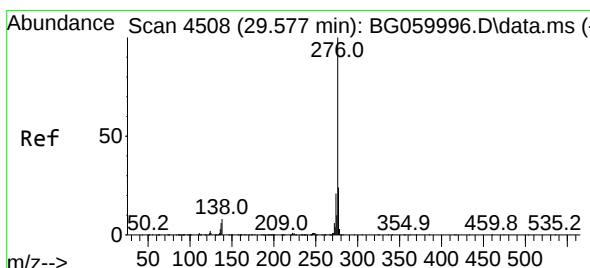
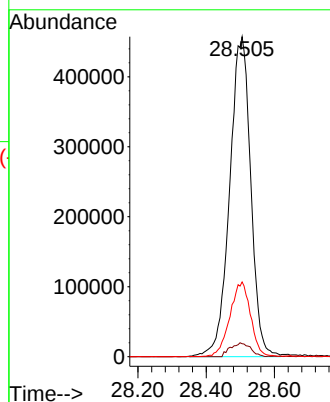
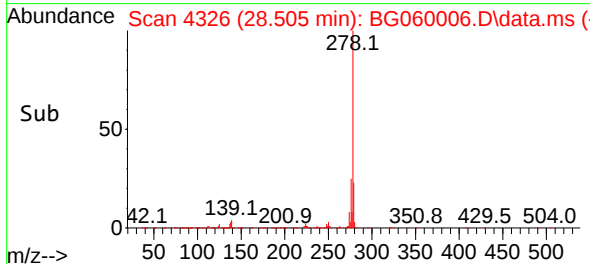
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:278 Resp: 196469
Ion Ratio Lower Upper
278 100
139 4.0 4.4 6.6
279 23.4 19.4 29.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/16/2023



#92
Benzo(g,h,i)perylene
Concen: 41.018 ng
RT: 29.568 min Scan# 4507
Delta R.T. -0.008 min
Lab File: BG060006.D
Acq: 14 Dec 2023 10:06

Tgt Ion:276 Resp: 1887762
Ion Ratio Lower Upper
276 100
277 23.6 19.4 29.2
138 5.5 6.0 9.0#

