

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059873.D
 Acq On : 25 Nov 2023 1:06
 Operator : MA/JU
 Sample : 05408-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 710-ELIZABETH-AVEMSD

Quant Time: Nov 25 02:00:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:11:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.321	152	36885	20.000	ng	0.00
21) Naphthalene-d8	11.164	136	177862	20.000	ng	# 0.00
39) Acenaphthene-d10	14.948	164	143735	20.000	ng	# 0.00
64) Phenanthrene-d10	17.704	188	338628	20.000	ng	# 0.00
76) Chrysene-d12	22.022	240	255359	20.000	ng	-0.01
86) Perylene-d12	25.589	264	286279	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.812	112	143971	65.697	ng	0.00
7) Phenol-d6	7.445	99	228573	70.384	ng	0.00
23) Nitrobenzene-d5	9.519	82	247339	53.111	ng	0.00
42) 2,4,6-Tribromophenol	16.440	330	180420	110.629	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	565199	52.930	ng	0.00
79) Terphenyl-d14	20.277	244	1117231	64.588	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.638	88	28948	28.124	ng	# 91
3) Pyridine	4.061	79	80883	28.771	ng	97
4) n-Nitrosodimethylamine	3.984	42	69437	46.428	ng	# 74
6) Aniline	7.639	93	65725	15.336	ng	94
8) 2-Chlorophenol	7.868	128	114706	48.249	ng	94
9) Benzaldehyde	7.463	77	18446	8.403	ng	79
10) Phenol	7.469	94	142204	42.487	ng	96
11) bis(2-Chloroethyl)ether	7.733	93	70777	33.970	ng	82
12) 1,3-Dichlorobenzene	8.197	146	109573	41.493	ng	94
13) 1,4-Dichlorobenzene	8.356	146	134272	50.633	ng	94
14) 1,2-Dichlorobenzene	8.673	146	120708m	45.816	ng	
15) Benzyl Alcohol	8.561	79	185151	49.997	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.820	45	36382m	47.461	ng	
17) 2-Methylphenol	8.749	107	123355	50.037	ng	94
18) Hexachloroethane	9.408	117	56217	49.947	ng	92
19) n-Nitroso-di-n-propyla...	9.125	70	110896	43.364	ng	# 93
20) 3+4-Methylphenols	9.078	107	170397	49.789	ng	91
22) Acetophenone	9.161	105	235447	46.757	ng	# 89
24) Nitrobenzene	9.566	77	198917	46.377	ng	96
25) Isophorone	10.071	82	341146	43.634	ng	98
26) 2-Nitrophenol	10.271	139	78314	49.803	ng	86
27) 2,4-Dimethylphenol	10.295	122	130933	40.952	ng	95
28) bis(2-Chloroethoxy)met...	10.553	93	134654	45.832	ng	93
29) 2,4-Dichlorophenol	10.800	162	146588	53.702	ng	88
30) 1,2,4-Trichlorobenzene	11.012	180	140129	50.795	ng	# 90
31) Naphthalene	11.217	128	433005	48.415	ng	97
32) Benzoic acid	10.430	122	112026	51.486	ng	83
33) 4-Chloroaniline	11.335	127	36851	9.687	ng	# 87
34) Hexachlorobutadiene	11.446	225	94755	50.467	ng	# 86
35) Caprolactam	12.134	113	46087m	46.197	ng	
36) 4-Chloro-3-methylphenol	12.416	107	197163	54.311	ng	# 96
37) 2-Methylnaphthalene	12.798	142	333080	44.218	ng	# 73
38) 1-Methylnaphthalene	13.015	142	321418	46.270	ng	95
40) 1,2,4,5-Tetrachloroben...	13.144	216	176155	45.380	ng	98
41) Hexachlorocyclopentadiene	13.091	237	209728	86.132	ng	94
43) 2,4,6-Trichlorophenol	13.385	196	128574	47.631	ng	92

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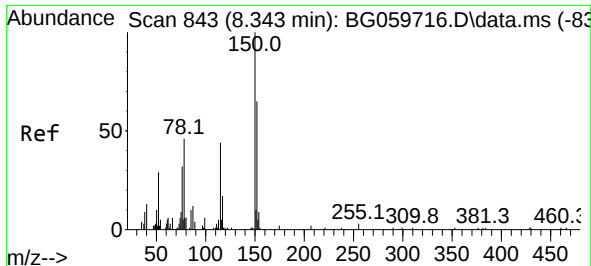
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.462	196	138365	43.624	ng	# 93
46) 1,1'-Biphenyl	13.791	154	494361	43.818	ng	95
47) 2-Chloronaphthalene	13.843	162	348860	45.002	ng	94
48) 2-Nitroaniline	14.061	65	129582	46.819	ng	93
49) Acenaphthylene	14.684	152	626150	47.371	ng	# 95
50) Dimethylphthalate	14.396	163	502323	45.097	ng	99
51) 2,6-Dinitrotoluene	14.543	165	97254	46.025	ng	87
52) Acenaphthene	15.019	154	388754	48.904	ng	96
53) 3-Nitroaniline	14.878	138	54803	22.157	ng	# 74
54) 2,4-Dinitrophenol	15.077	184	146998	93.616	ng	# 58
55) Dibenzofuran	15.348	168	655054	49.979	ng	92
56) 4-Nitrophenol	15.160	139	175972	92.993	ng	# 79
57) 2,4-Dinitrotoluene	15.318	165	165941	51.065	ng	# 97
58) Fluorene	15.994	166	555068	50.975	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.559	232	142773m	51.208	ng	
60) Diethylphthalate	15.735	149	627502	52.527	ng	96
61) 4-Chlorophenyl-phenyle...	15.976	204	287550	51.305	ng	93
62) 4-Nitroaniline	16.041	138	103771	41.862	ng	98
63) Azobenzene	16.270	77	637980	48.057	ng	95
65) 4,6-Dinitro-2-methylph...	16.064	198	91415	44.174	ng	83
66) n-Nitrosodiphenylamine	16.200	169	502021	50.750	ng	96
67) 4-Bromophenyl-phenylether	16.875	248	193489	53.187	ng	94
68) Hexachlorobenzene	16.969	284	191434	56.381	ng	95
69) Atrazine	17.128	200	203787	64.255	ng	94
70) Pentachlorophenol	17.328	266	239509	92.461	ng	99
71) Phenanthrene	17.745	178	863014	50.127	ng	97
72) Anthracene	17.839	178	861117	48.138	ng	98
73) Carbazole	18.115	167	723618	46.304	ng	96
74) Di-n-butylphthalate	18.614	149	914244	48.398	ng	98
75) Fluoranthene	19.737	202	930290	45.057	ng	96
77) Benzidine	19.925	184	174323m	30.105	ng	
78) Pyrene	20.101	202	912499	52.520	ng	98
80) Butylbenzylphthalate	20.953	149	358325	50.296	ng	95
81) Benzo(a)anthracene	22.005	228	851618	48.741	ng	95
82) 3,3'-Dichlorobenzidine	21.910	252	166946	25.647	ng	94
83) Chrysene	22.075	228	752157	46.960	ng	94
84) Bis(2-ethylhexyl)phtha...	21.828	149	476477	47.843	ng	# 98
85) Di-n-octyl phthalate	23.150	149	785266	40.958	ng	# 96
87) Indeno(1,2,3-cd)pyrene	29.731	276	1018400	47.014	ng	# 82
88) Benzo(b)fluoranthene	24.437	252	880527	56.118	ng	98
89) Benzo(k)fluoranthene	24.513	252	790664	50.970	ng	# 96
90) Benzo(a)pyrene	25.424	252	736139	43.960	ng	# 99
91) Dibenzo(a,h)anthracene	29.825	278	862527	47.064	ng	# 92
92) Benzo(g,h,i)perylene	31.059	276	788269	45.331	ng	# 96

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



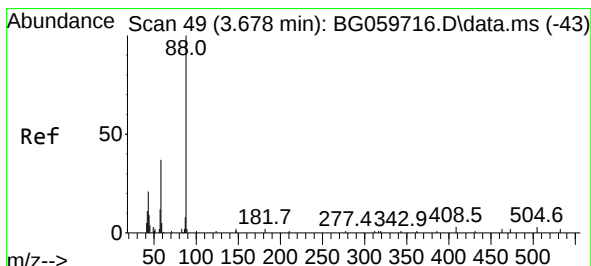
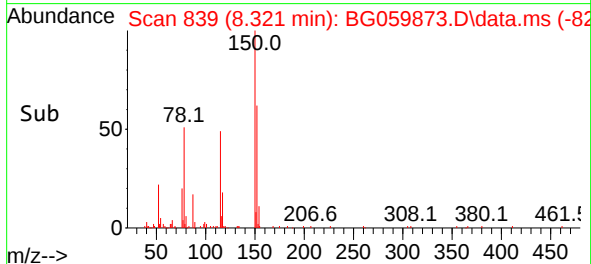
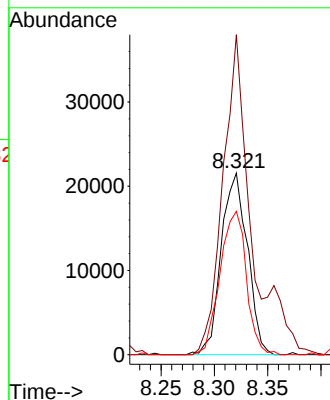
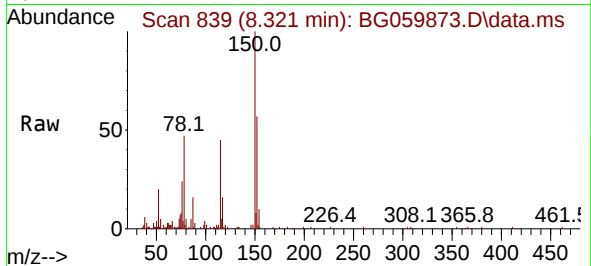
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.321 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BG059873.D
 Acq: 25 Nov 2023 1:06

Instrument :
 BNA_G
 ClientSampleId :
 710-ELIZABETH-AVEMSD

Tgt Ion:152 Resp: 3688
 Ion Ratio Lower Upper
 152 100
 150 176.3 122.2 183.4
 115 79.0 54.2 81.4

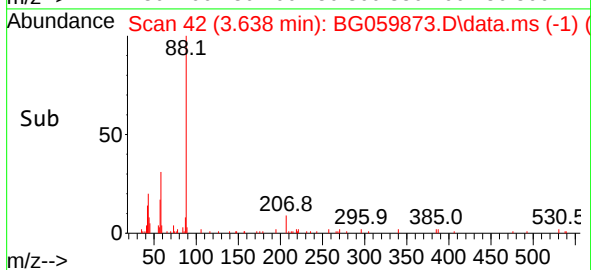
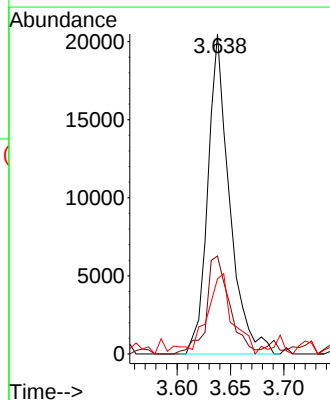
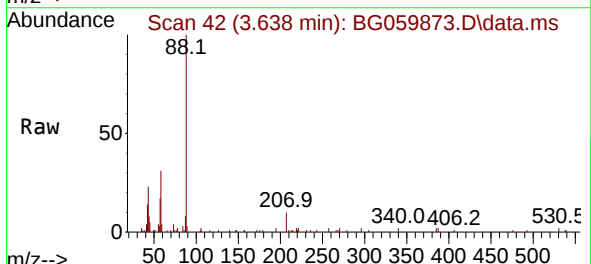
Manual Integrations
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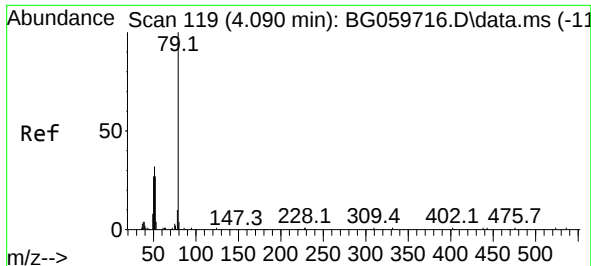
Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023



#2
 1,4-Dioxane
 Concen: 28.124 ng
 RT: 3.638 min Scan# 42
 Delta R.T. -0.006 min
 Lab File: BG059873.D
 Acq: 25 Nov 2023 1:06

Tgt Ion: 88 Resp: 28948
 Ion Ratio Lower Upper
 88 100
 58 32.8 28.6 42.8
 43 29.7 17.5 26.3





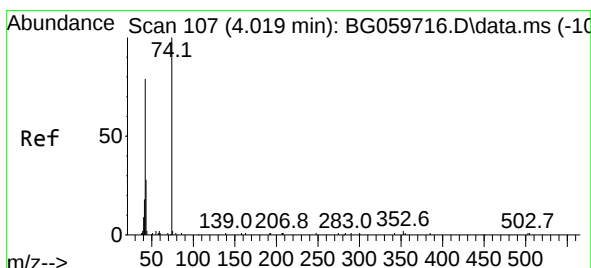
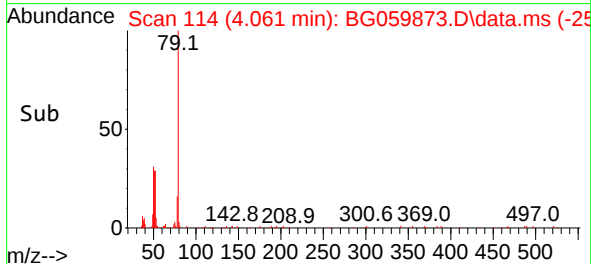
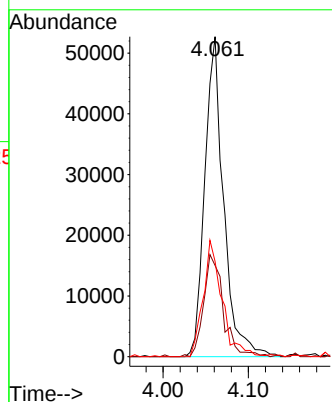
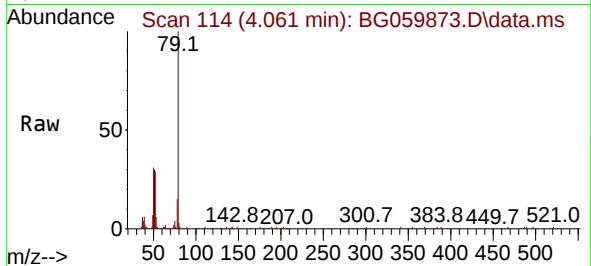
#3
Pyridine
Concen: 28.771 ng
RT: 4.061 min Scan# 119
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD

Tgt Ion: 79 Resp: 8088
Ion Ratio Lower Upper
79 100
52 28.5 21.6 32.4
51 29.8 25.3 37.9

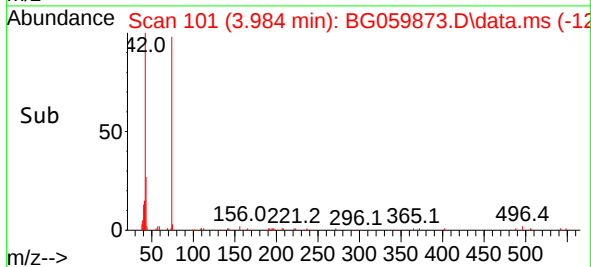
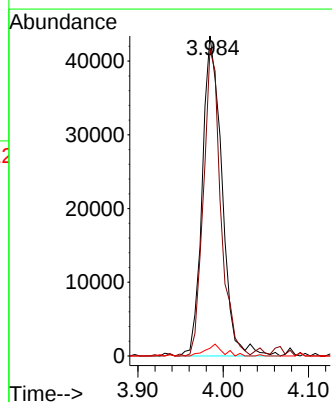
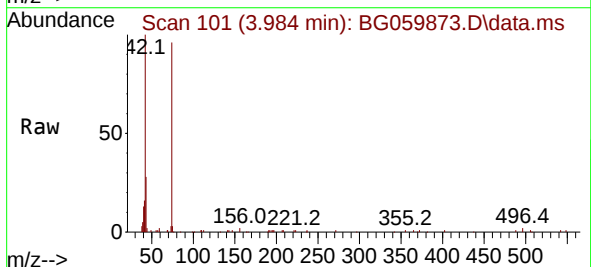
Manual Integrations
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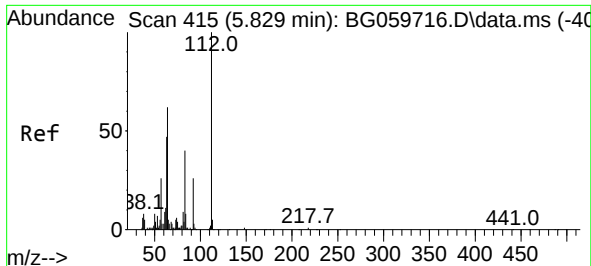
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#4
n-Nitrosodimethylamine
Concen: 46.428 ng
RT: 3.984 min Scan# 101
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

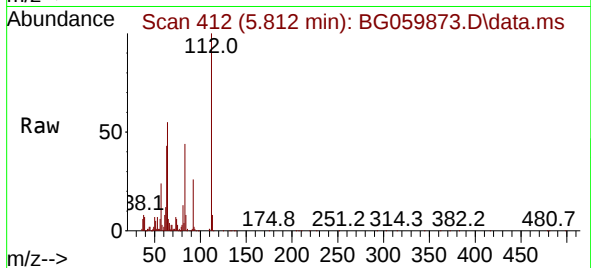
Tgt Ion: 42 Resp: 69437
Ion Ratio Lower Upper
42 100
74 95.8 101.2 151.8#
44 2.4 2.4 3.6





#5
2-Fluorophenol
Concen: 65.697 ng
RT: 5.812 min Scan# 415
Delta R.T. 0.000 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

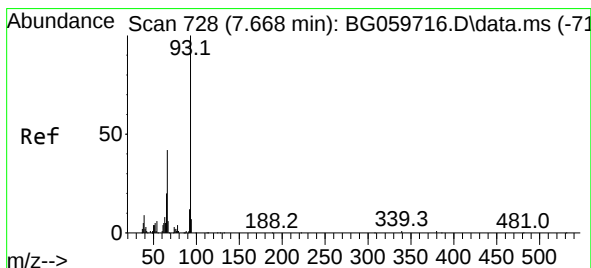
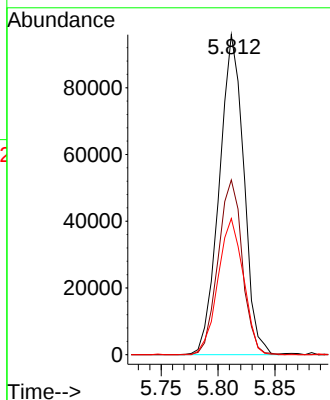
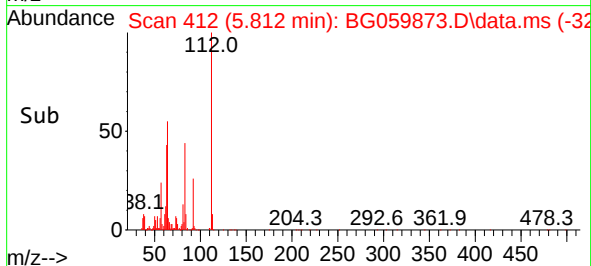
Instrument :
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ClientSampleId :
710-ELIZABETH-AVEMSD



Tgt Ion: 112 Resp: 14397
Ion Ratio Lower Upper
112 100
64 54.6 49.5 74.3
63 42.6 37.4 56.2

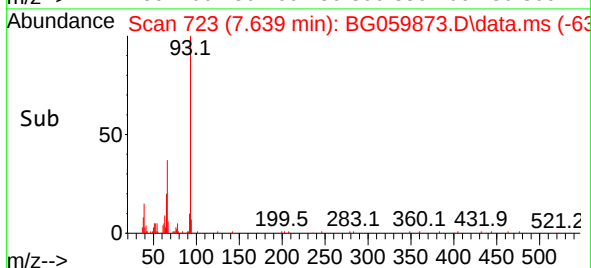
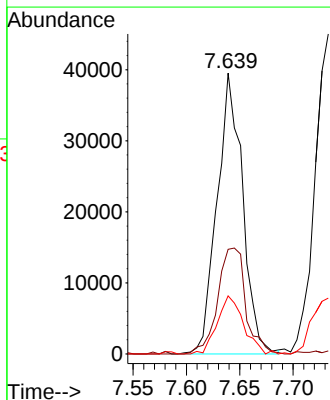
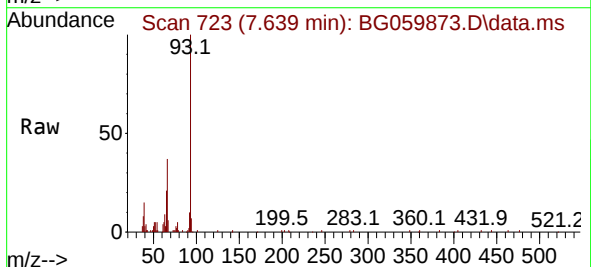
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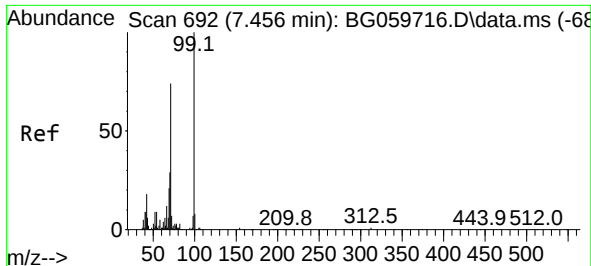
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#6
Aniline
Concen: 15.336 ng
RT: 7.639 min Scan# 723
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

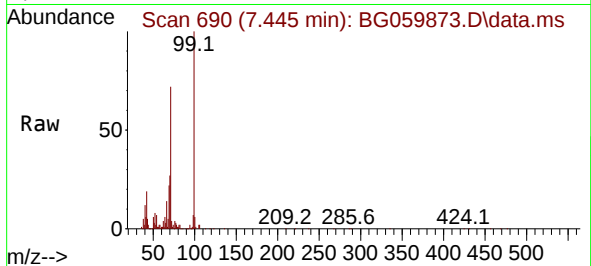
Tgt Ion: 93 Resp: 65725
Ion Ratio Lower Upper
93 100
66 37.2 33.9 50.9
65 20.7 15.8 23.8





#7
Phenol-d6
Concen: 70.384 ng
RT: 7.445 min Scan# 692
Delta R.T. 0.000 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

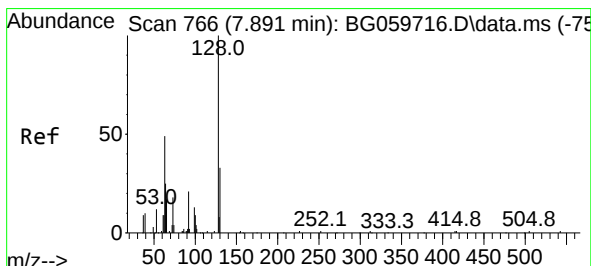
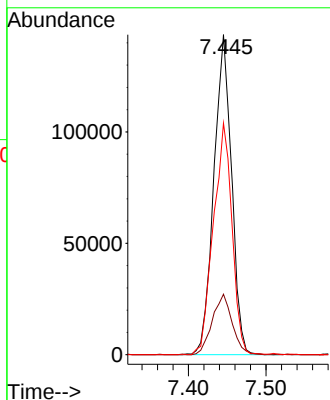
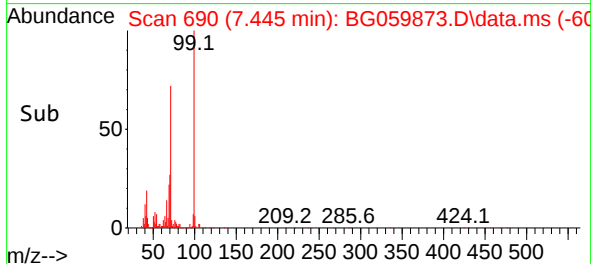
Instrument :
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Tgt Ion: 99 Resp: 22857
Ion Ratio Lower Upper
99 100
42 18.9 14.3 21.5
71 72.3 59.3 88.9

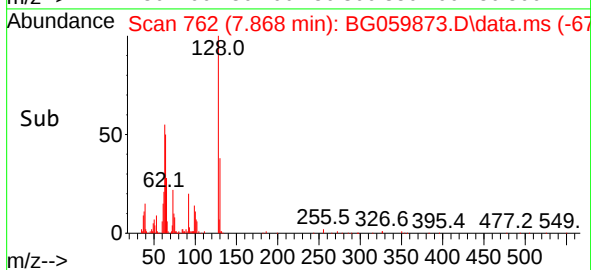
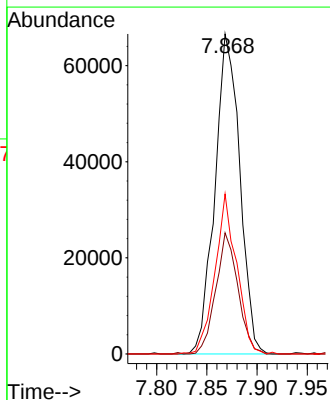
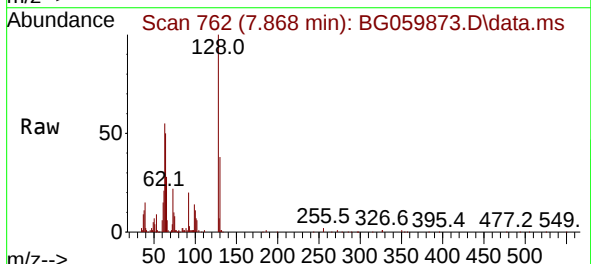
Manual Integrations
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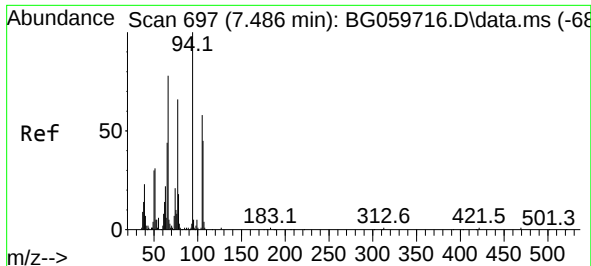
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#8
2-Chlorophenol
Concen: 48.249 ng
RT: 7.868 min Scan# 762
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

Tgt Ion:128 Resp: 114706
Ion Ratio Lower Upper
128 100
130 37.9 13.1 53.1
64 50.0 27.0 67.0





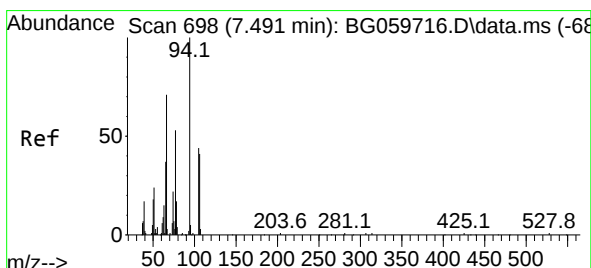
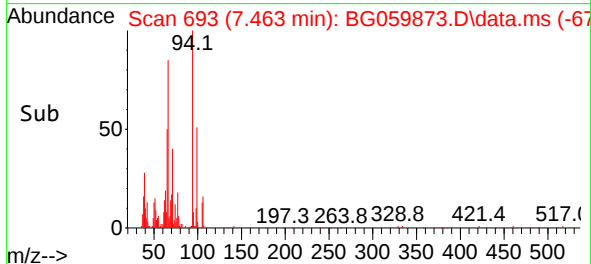
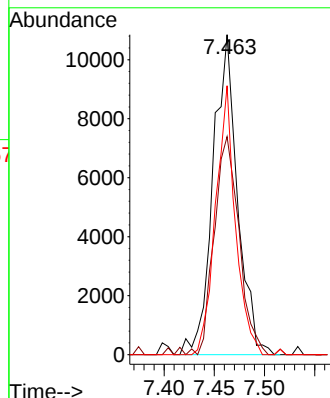
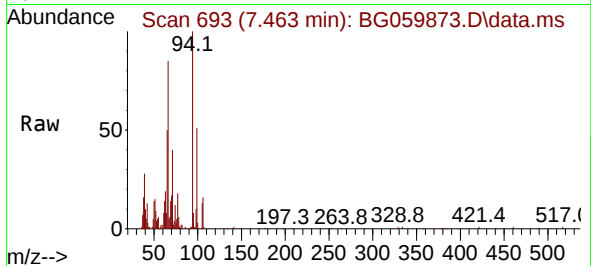
#9
Benzaldehyde
Concen: 8.403 ng
RT: 7.463 min Scan# 693
Delta R.T. 0.000 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD

Tgt Ion: 77 Resp: 1844
Ion Ratio Lower Upper
77 100
105 68.1 68.0 108.0
106 84.1 48.1 88.1

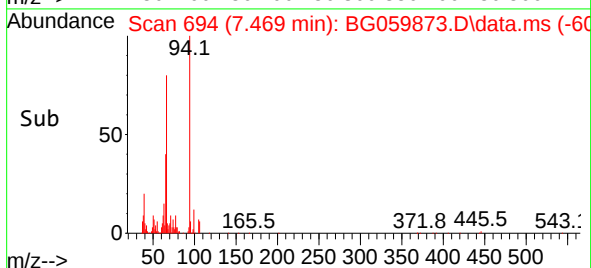
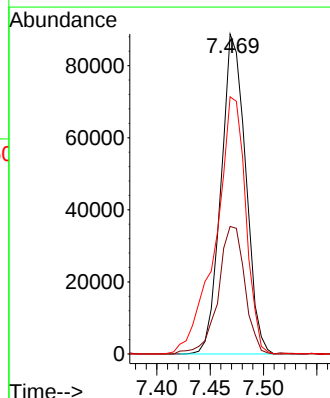
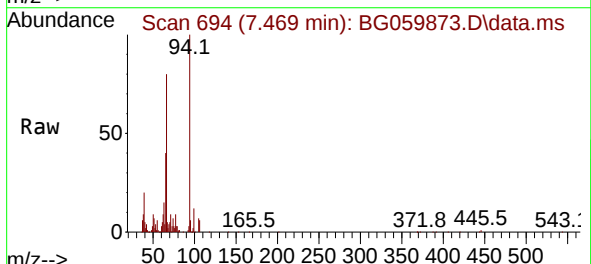
Manual Integrations
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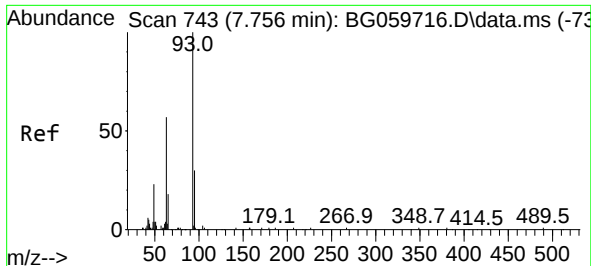
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#10
Phenol
Concen: 42.487 ng
RT: 7.469 min Scan# 694
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

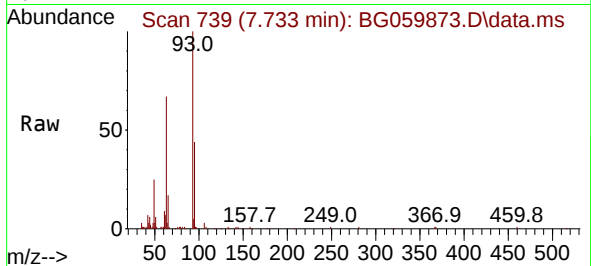
Tgt Ion: 94 Resp: 142204
Ion Ratio Lower Upper
94 100
65 39.9 18.1 58.1
66 80.4 56.6 96.6





#11
bis(2-Chloroethyl)ether
Concen: 33.970 ng
RT: 7.733 min Scan# 710
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

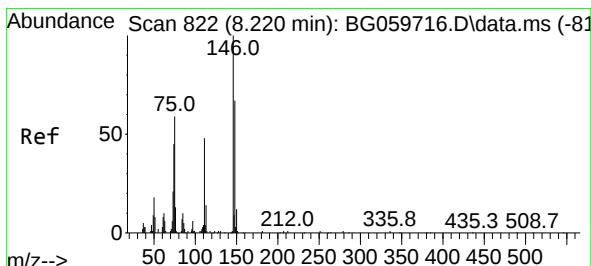
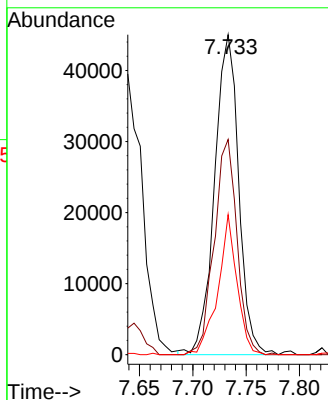
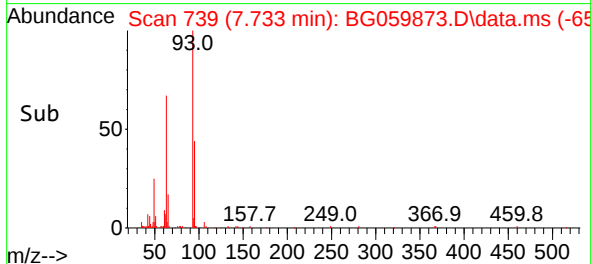
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD



Tgt Ion: 93 Resp: 7077
Ion Ratio Lower Upper
93 100
63 67.2 37.2 77.2
95 43.8 10.2 50.2

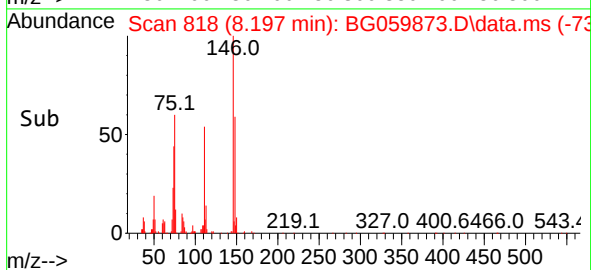
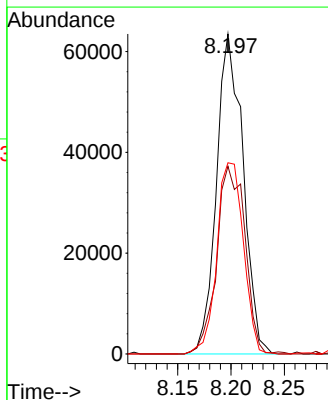
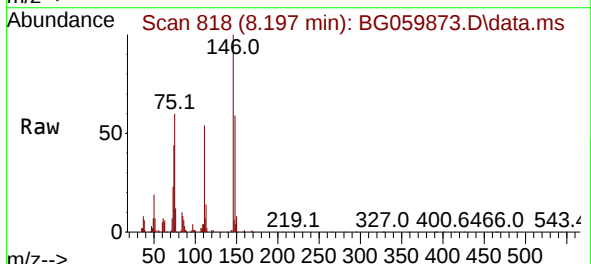
Manual Integrations
APPROVED

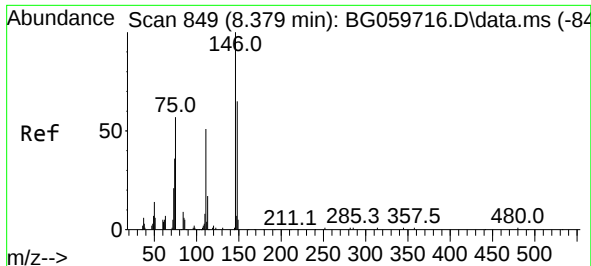
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#12
1,3-Dichlorobenzene
Concen: 41.493 ng
RT: 8.197 min Scan# 818
Delta R.T. -0.012 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

Tgt Ion:146 Resp: 109573
Ion Ratio Lower Upper
146 100
148 58.7 53.9 80.9
75 59.7 47.5 71.3





#13

1,4-Dichlorobenzene

Concen: 50.633 ng

RT: 8.356 min Scan# 849

Delta R.T. -0.006 min

Lab File: BG059873.D

Acq: 25 Nov 2023 1:06

Instrument :

BNA_G

ClientSampleId :

710-ELIZABETH-AVEMSD

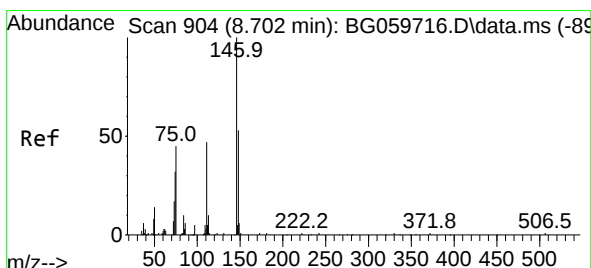
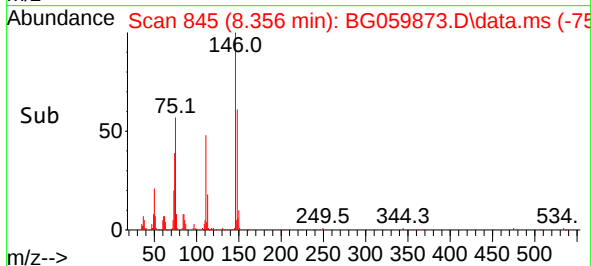
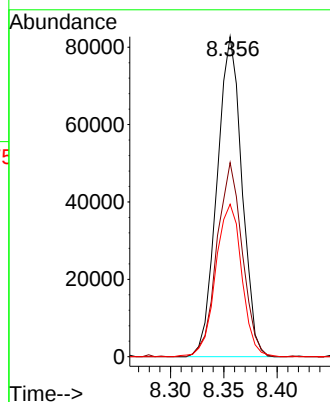
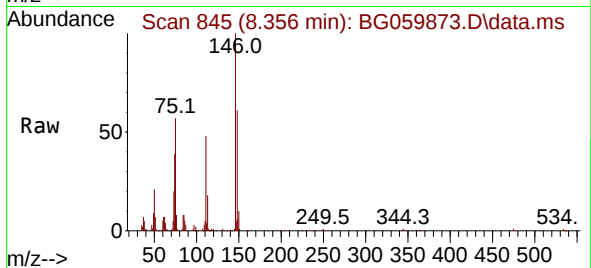
Tgt Ion:146 Resp: 134272
 Ion Ratio Lower Upper
 146 100
 148 60.7 52.3 78.5
 111 47.6 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023



#14

1,2-Dichlorobenzene

Concen: 45.816 ng m

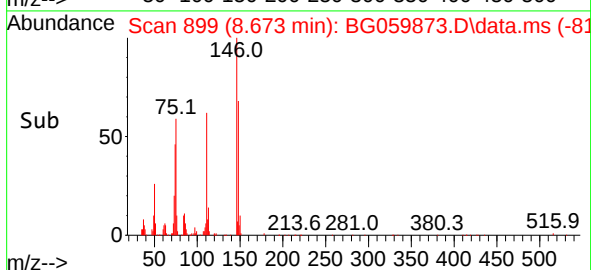
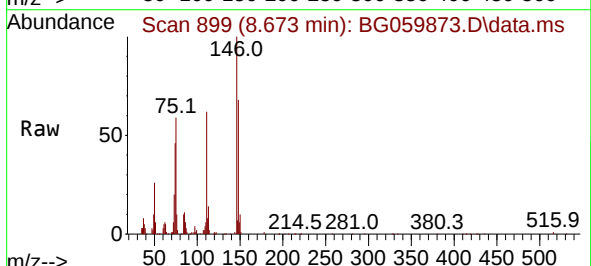
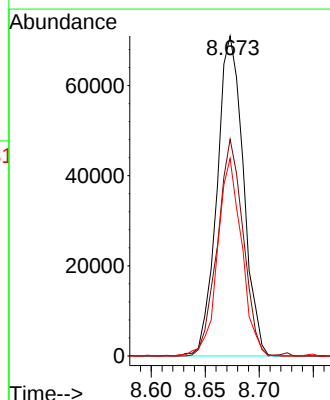
RT: 8.673 min Scan# 899

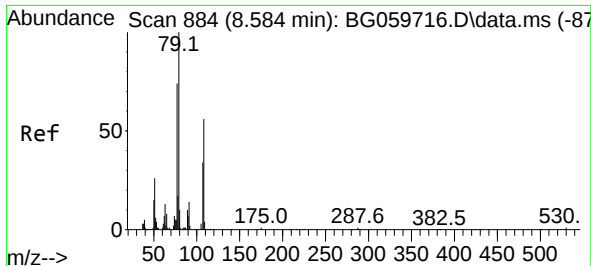
Delta R.T. -0.006 min

Lab File: BG059873.D

Acq: 25 Nov 2023 1:06

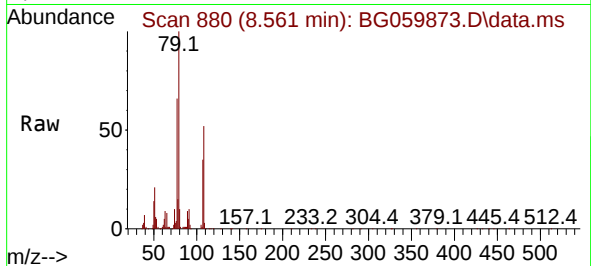
Tgt Ion:146 Resp: 120708
 Ion Ratio Lower Upper
 146 100
 148 67.8 43.1 64.7#
 111 61.7 38.3 57.5#





#15
Benzyl Alcohol
Concen: 49.997 ng
RT: 8.561 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

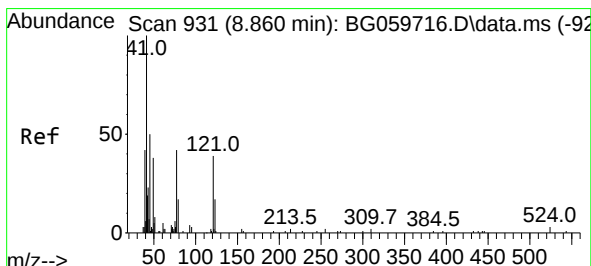
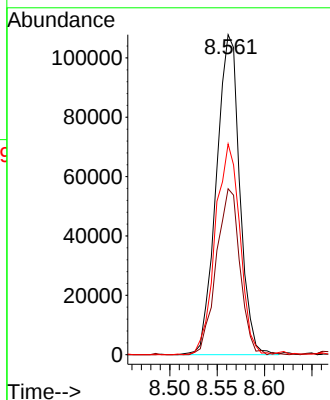
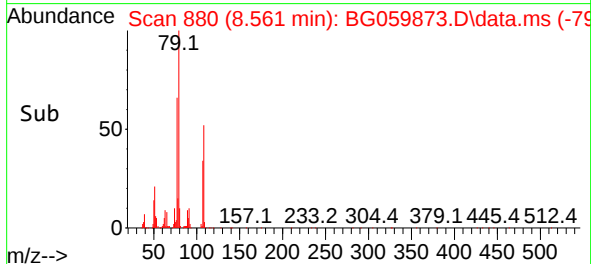
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD



Tgt Ion: 79 Resp: 18515
Ion Ratio Lower Upper
79 100
108 51.9 45.4 68.2
77 65.8 59.4 89.2

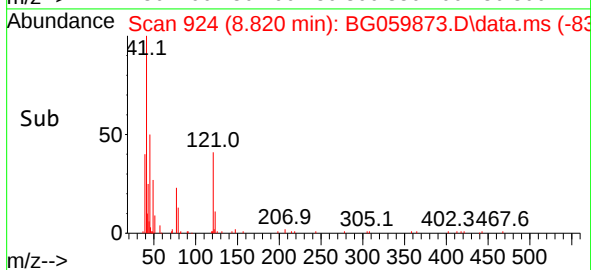
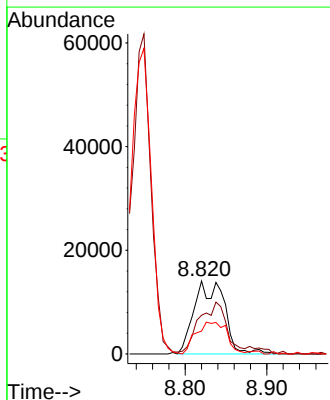
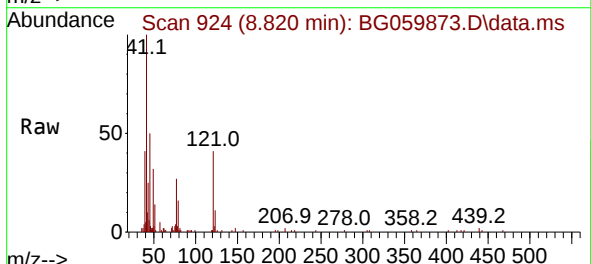
Manual Integrations
APPROVED

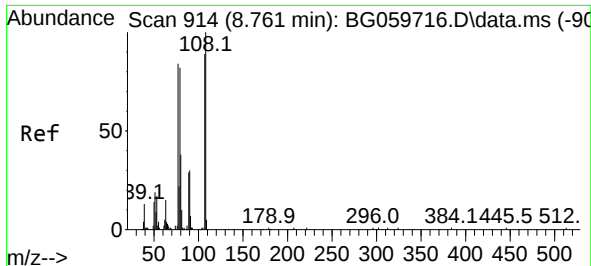
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.461 ng m
RT: 8.820 min Scan# 924
Delta R.T. -0.023 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

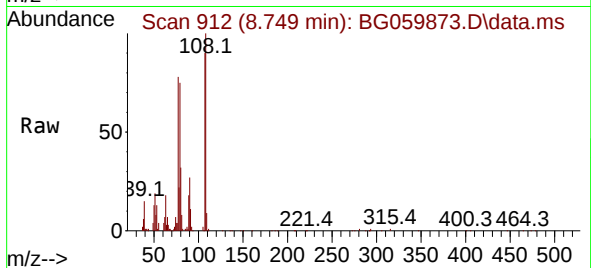
Tgt Ion: 45 Resp: 36382
Ion Ratio Lower Upper
45 100
77 53.2 63.6 103.6#
79 31.3 19.6 59.6





#17
2-Methylphenol
Concen: 50.037 ng
RT: 8.749 min Scan# 914
Delta R.T. 0.000 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

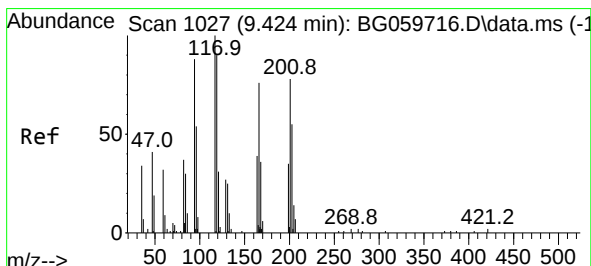
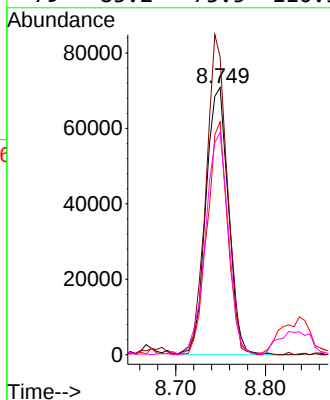
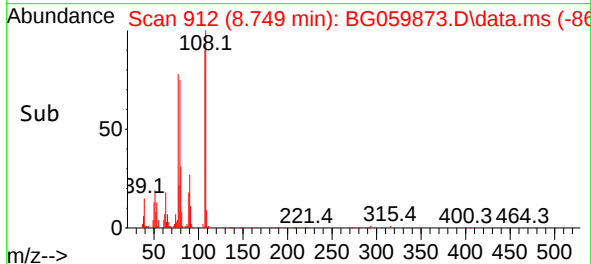
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD



Tgt Ion:107 Resp: 12335
Ion Ratio Lower Upper
107 100
108 111.5 90.0 135.0
77 87.1 76.5 114.7
79 83.2 73.5 110.3

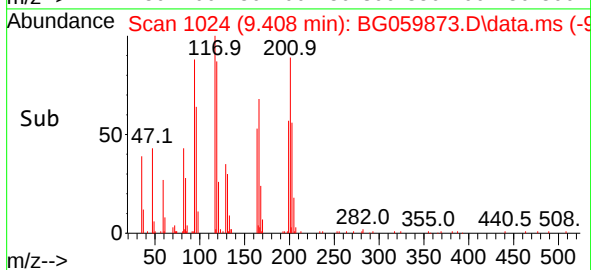
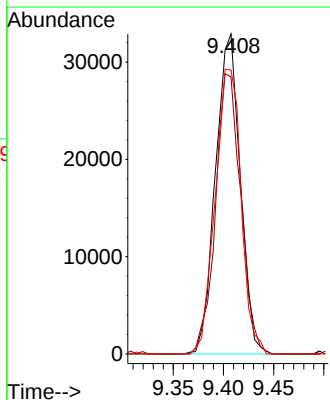
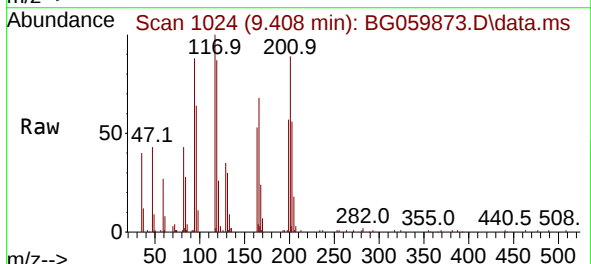
Manual Integrations
APPROVED

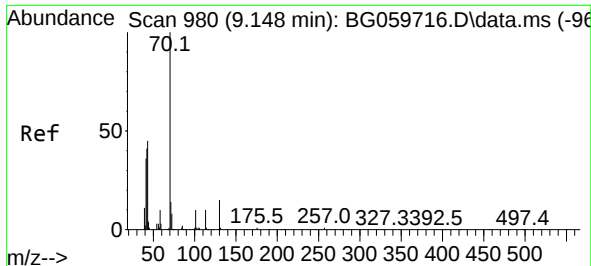
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#18
Hexachloroethane
Concen: 49.947 ng
RT: 9.408 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

Tgt Ion:117 Resp: 56217
Ion Ratio Lower Upper
117 100
119 86.6 71.8 107.8
201 88.7 62.2 93.4





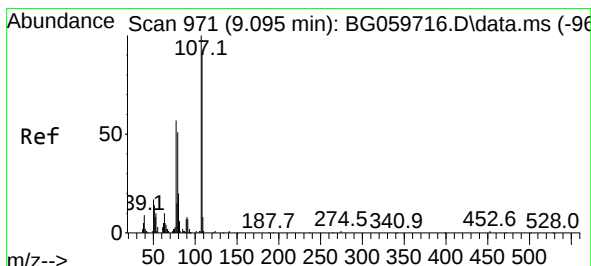
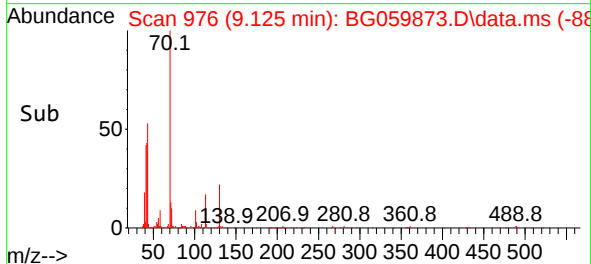
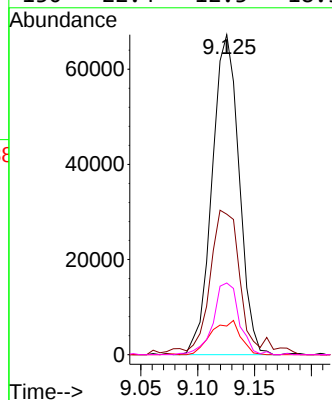
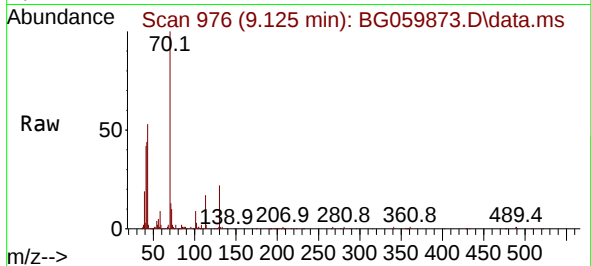
#19
n-Nitroso-di-n-propylamine
Concen: 43.364 ng
RT: 9.125 min Scan# 911
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD

Tgt Ion: 70 Resp: 110890
Ion Ratio Lower Upper
70 100
42 43.9 32.8 49.2
101 9.0 7.7 11.5
130 22.4 12.3 18.5#

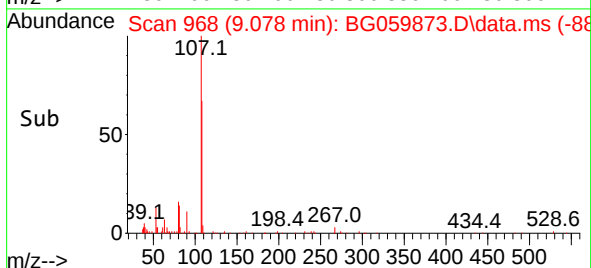
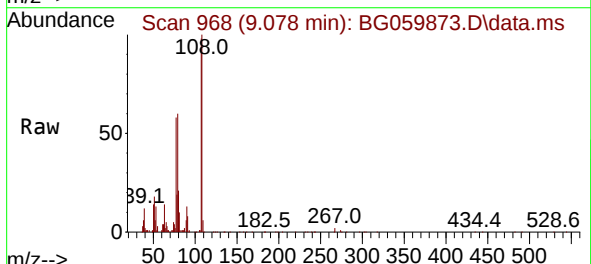
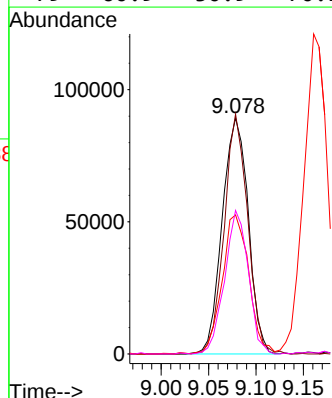
Manual Integrations
APPROVED

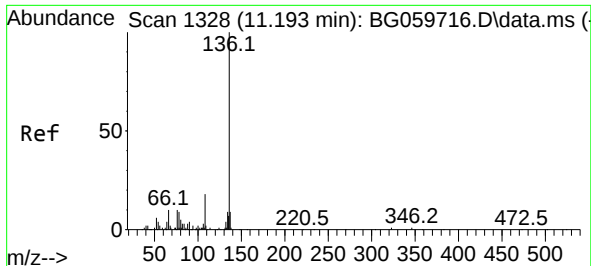
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#20
3+4-Methylphenols
Concen: 49.789 ng
RT: 9.078 min Scan# 968
Delta R.T. -0.012 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

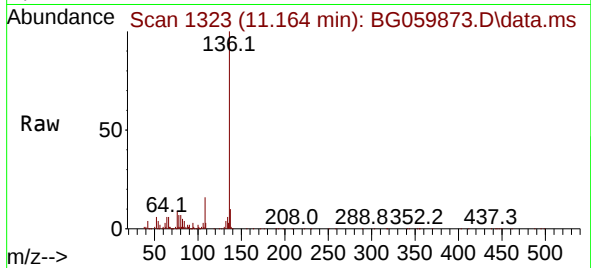
Tgt Ion:107 Resp: 170397
Ion Ratio Lower Upper
107 100
108 101.7 71.1 111.1
77 58.9 37.5 77.5
79 60.9 30.9 70.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.164 min Scan# 111
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

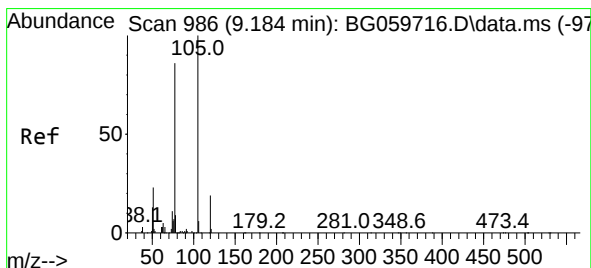
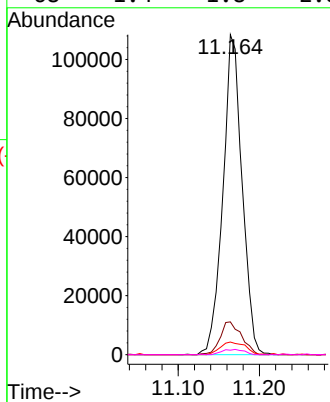
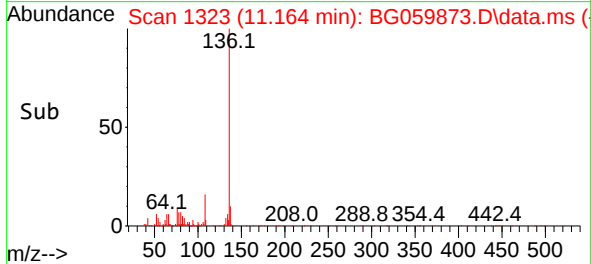
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD



Tgt Ion:136 Resp: 177862
Ion Ratio Lower Upper
136 100
137 10.3 7.4 11.0
54 4.0 3.1 4.7
68 1.4 1.8 2.8#

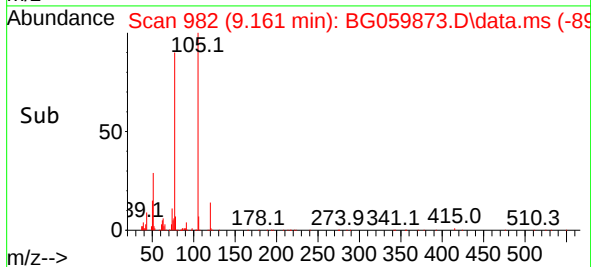
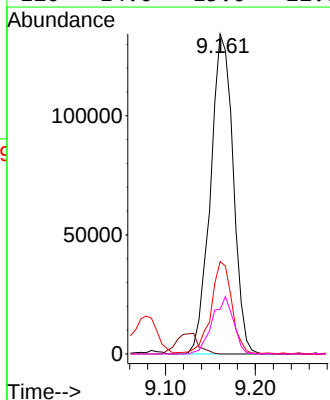
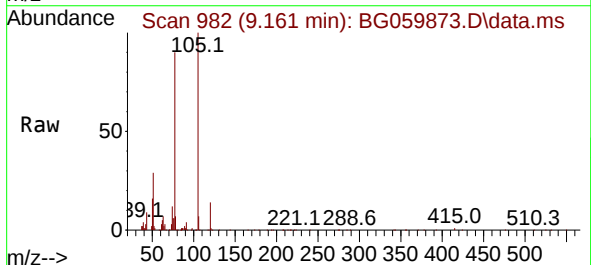
Manual Integrations
APPROVED

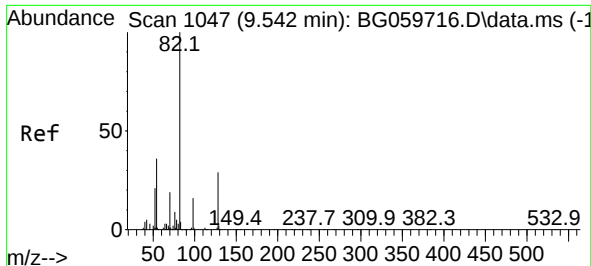
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#22
Acetophenone
Concen: 46.757 ng
RT: 9.161 min Scan# 982
Delta R.T. -0.012 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

Tgt Ion:105 Resp: 235447
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 28.9 18.4 27.6#
120 14.0 15.0 22.6#





#23

Nitrobenzene-d5

Concen: 53.111 ng

RT: 9.519 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BG059873.D

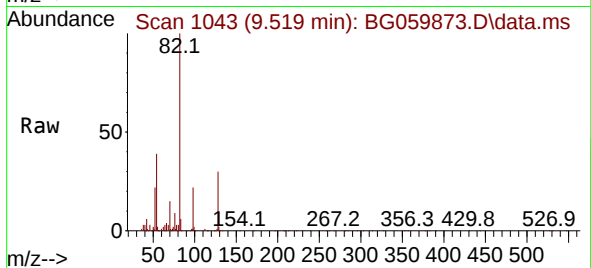
Acq: 25 Nov 2023 1:06

Instrument :

BNA_G

ClientSampleId :

710-ELIZABETH-AVEMSD

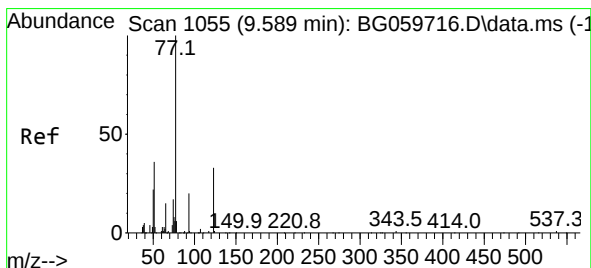
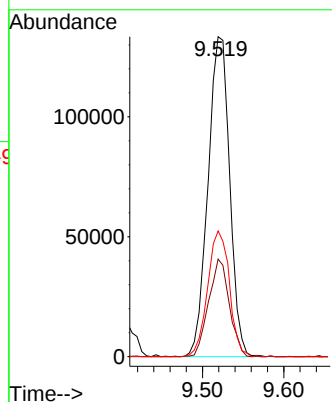
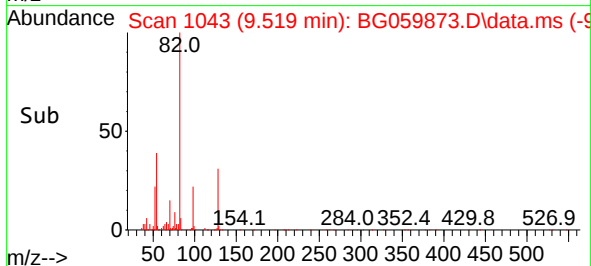


Tgt Ion:	82	Resp:	247339
Ion	Ratio	Lower	Upper
82	100		
128	30.5	23.0	34.6
54	39.3	28.7	43.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023



#24

Nitrobenzene

Concen: 46.377 ng

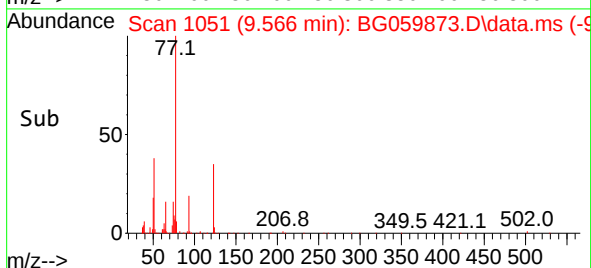
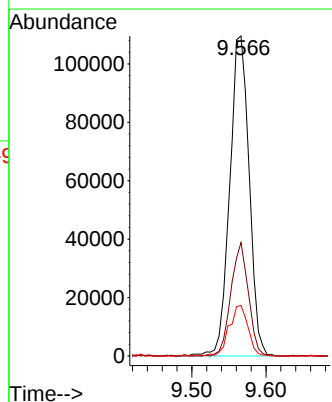
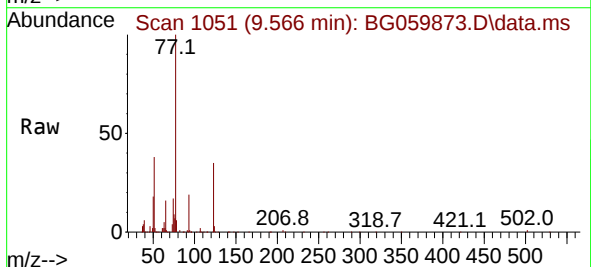
RT: 9.566 min Scan# 1051

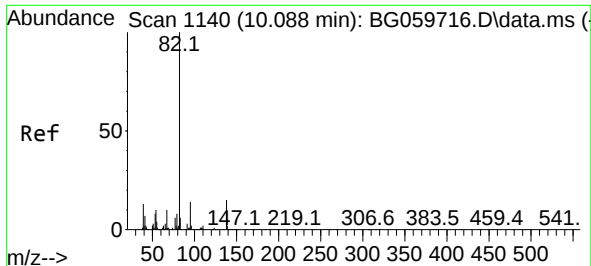
Delta R.T. 0.000 min

Lab File: BG059873.D

Acq: 25 Nov 2023 1:06

Tgt Ion:	77	Resp:	198917
Ion	Ratio	Lower	Upper
77	100		
123	35.4	26.1	39.1
65	15.8	12.1	18.1





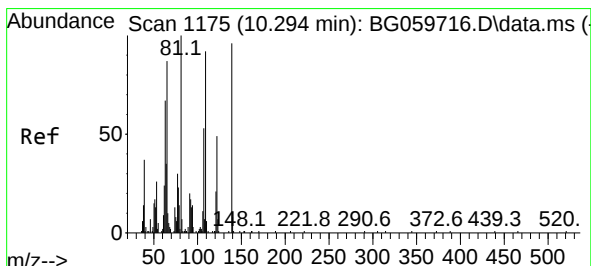
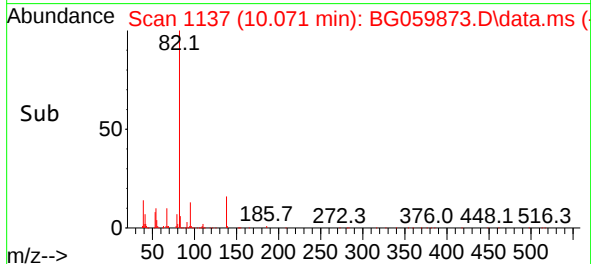
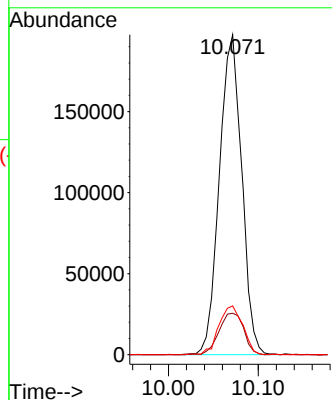
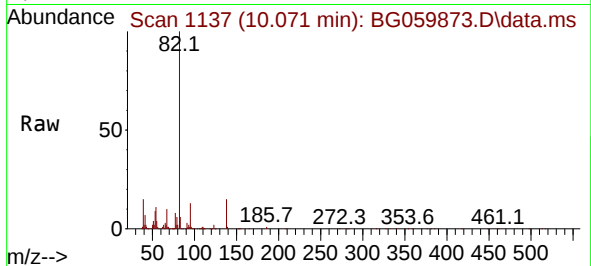
#25
Isophorone
Concen: 43.634 ng
RT: 10.071 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD

Tgt Ion: 82 Resp: 341140
Ion Ratio Lower Upper
82 100
95 12.9 11.4 17.0
138 15.3 12.1 18.1

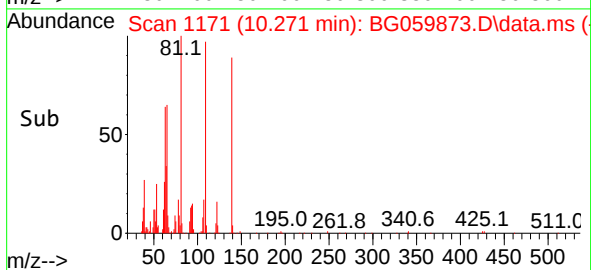
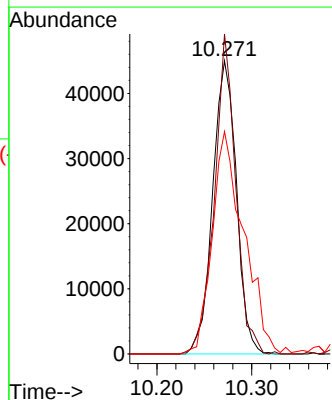
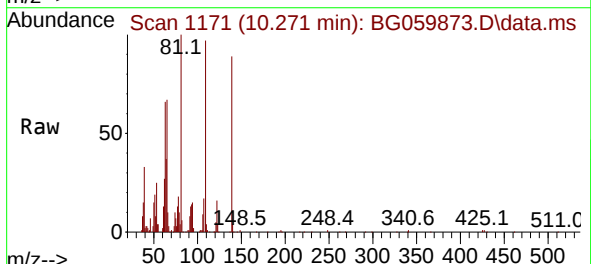
Manual Integrations
APPROVED

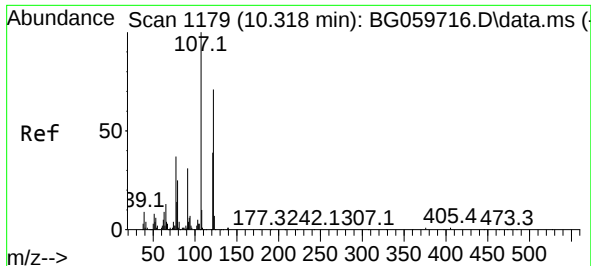
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#26
2-Nitrophenol
Concen: 49.803 ng
RT: 10.271 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

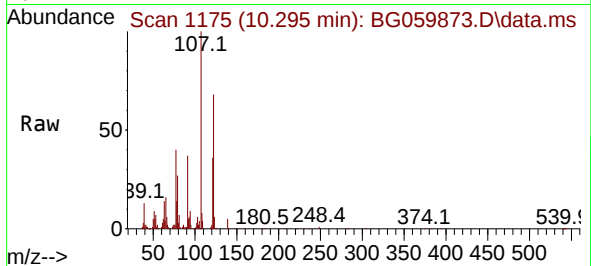
Tgt Ion:139 Resp: 78314
Ion Ratio Lower Upper
139 100
109 109.2 76.7 115.1
65 75.9 72.1 108.1





#27
2,4-Dimethylphenol
Concen: 40.952 ng
RT: 10.295 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

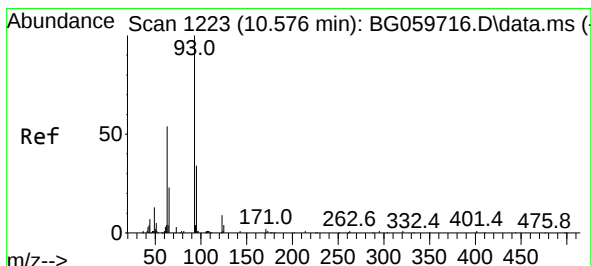
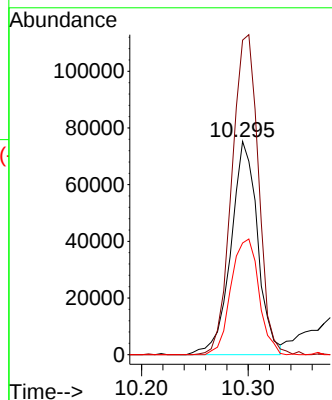
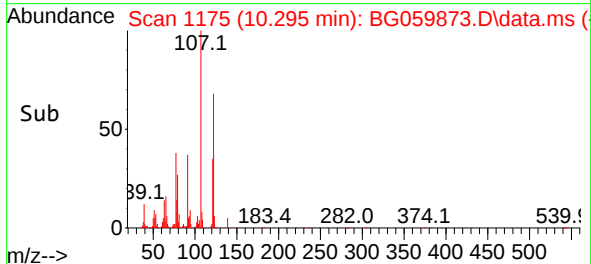
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD



Tgt Ion:122 Resp: 13093
Ion Ratio Lower Upper
122 100
107 147.5 112.1 168.1
121 52.4 43.2 64.8

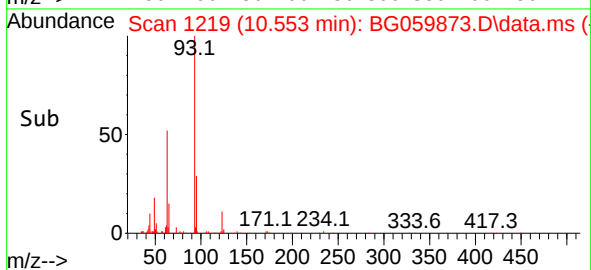
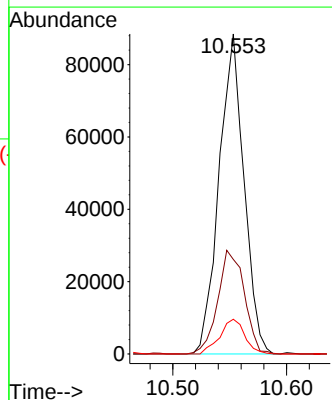
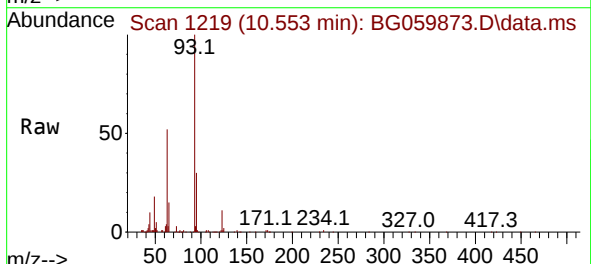
Manual Integrations
APPROVED

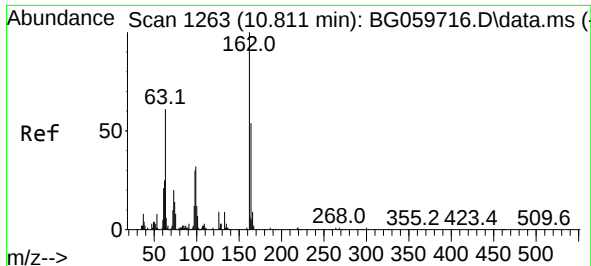
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.832 ng
RT: 10.553 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

Tgt Ion: 93 Resp: 134654
Ion Ratio Lower Upper
93 100
95 29.6 27.0 40.6
123 10.9 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 53.702 ng

RT: 10.800 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BG059873.D

Acq: 25 Nov 2023 1:06

Instrument :

BNA_G

ClientSampleId :

710-ELIZABETH-AVEMSD

Tgt Ion:162 Resp: 14658

Ion Ratio Lower Upper

162 100

164 65.4 33.6 73.6

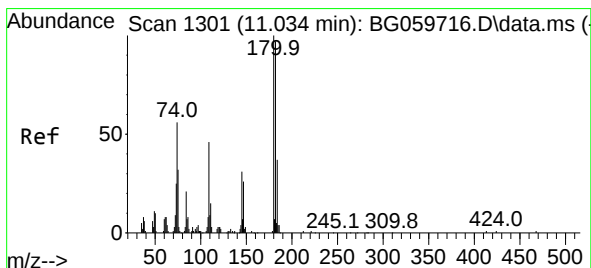
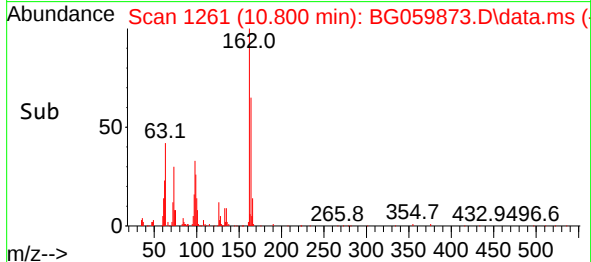
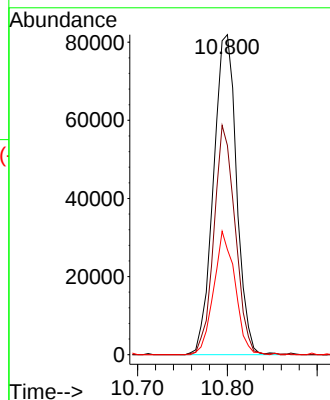
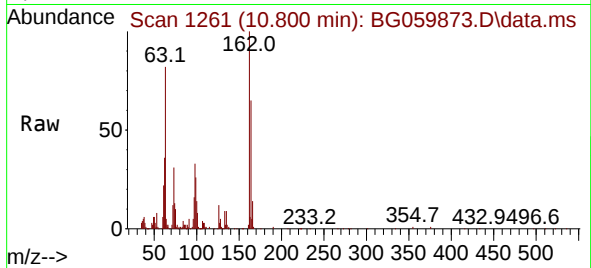
98 32.9 10.7 50.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023



#30

1,2,4-Trichlorobenzene

Concen: 50.795 ng

RT: 11.012 min Scan# 1297

Delta R.T. -0.006 min

Lab File: BG059873.D

Acq: 25 Nov 2023 1:06

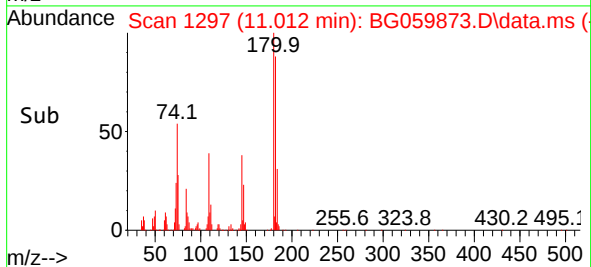
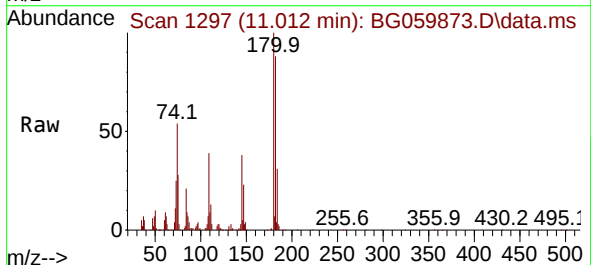
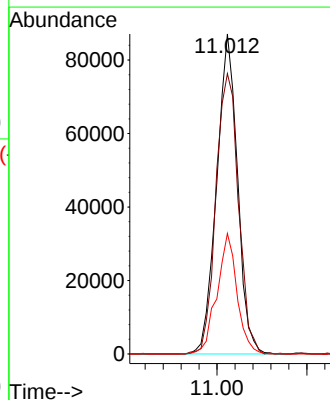
Tgt Ion:180 Resp: 140129

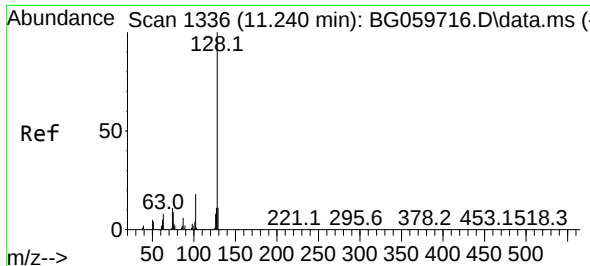
Ion Ratio Lower Upper

180 100

182 87.6 77.4 116.2

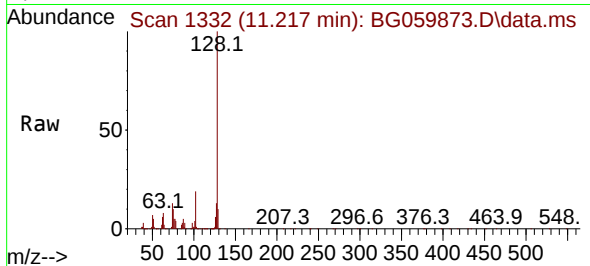
145 37.7 24.4 36.6#





#31
Naphthalene
Concen: 48.415 ng
RT: 11.217 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

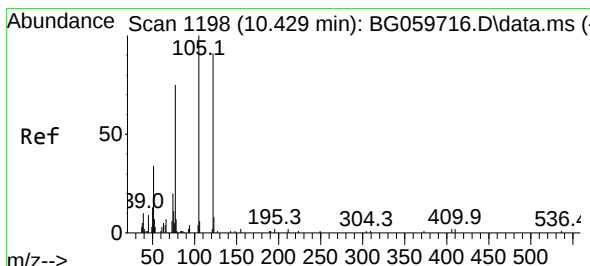
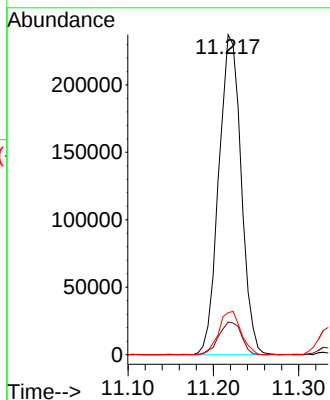
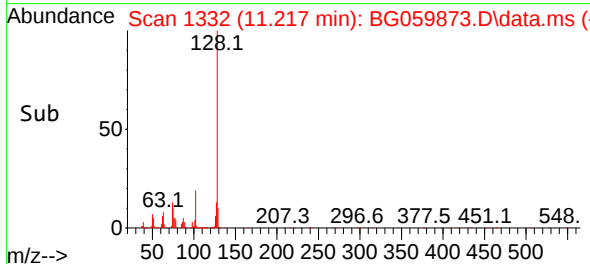
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD



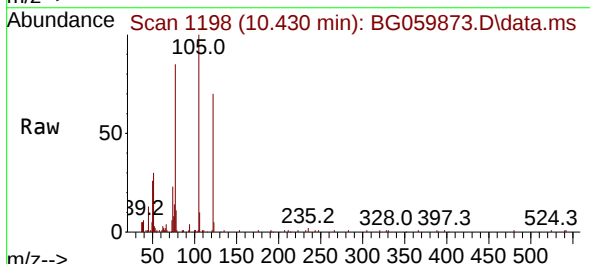
Tgt Ion:128 Resp: 433000
Ion Ratio Lower Upper
128 100
129 10.2 8.7 13.1
127 13.1 9.2 13.8

Manual Integrations
APPROVED

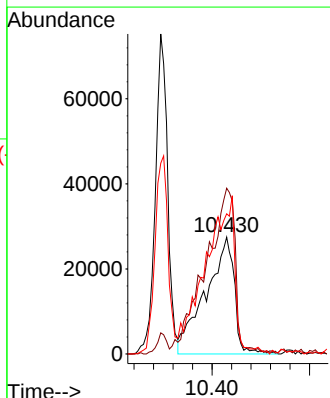
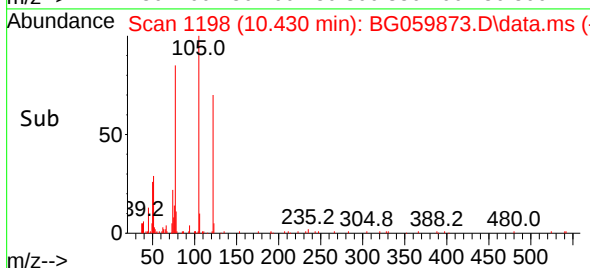
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

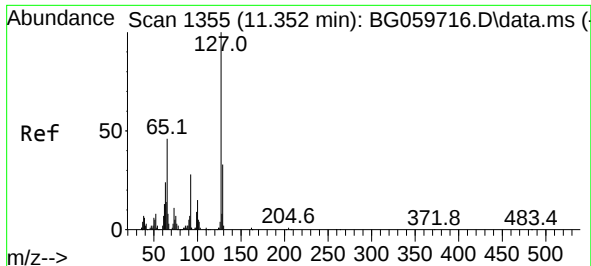


#32
Benzoic acid
Concen: 51.486 ng
RT: 10.430 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06



Tgt Ion:122 Resp: 112026
Ion Ratio Lower Upper
122 100
105 141.9 103.7 143.7
77 119.9 82.3 122.3





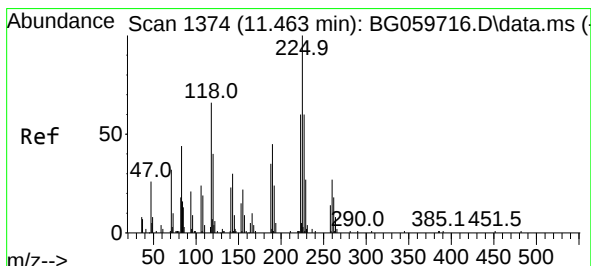
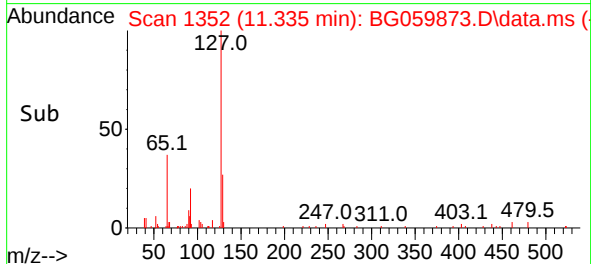
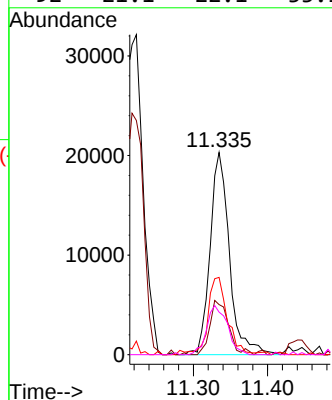
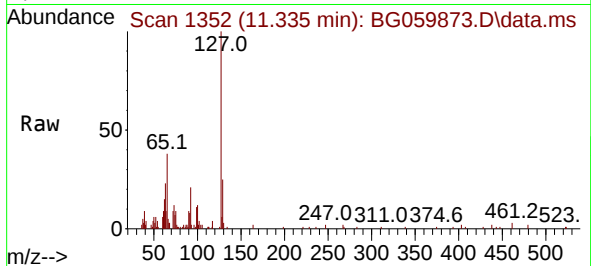
#33
4-Chloroaniline
Concen: 9.687 ng
RT: 11.335 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD

Tgt Ion:127 Resp: 3685
Ion Ratio Lower Upper
127 100
129 24.8 26.8 40.2
65 38.2 36.5 54.7
92 21.1 22.1 33.1#

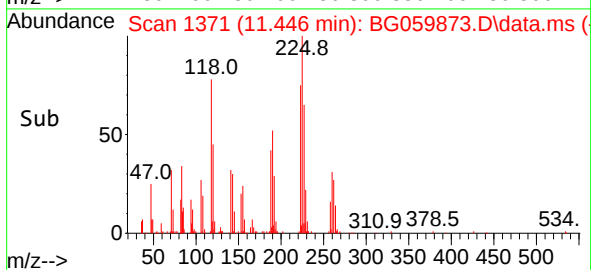
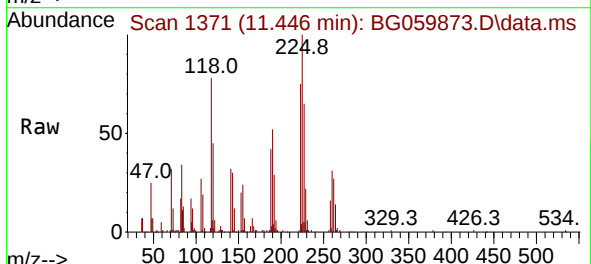
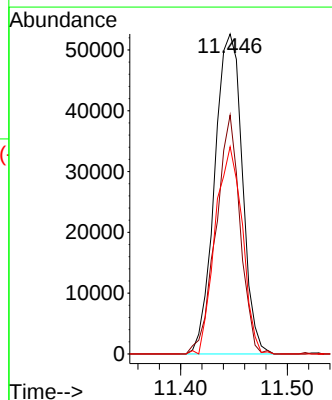
Manual Integrations
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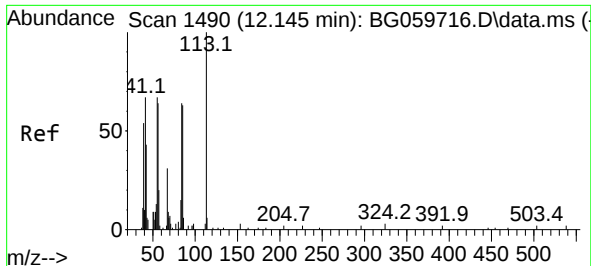
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#34
Hexachlorobutadiene
Concen: 50.467 ng
RT: 11.446 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

Tgt Ion:225 Resp: 94755
Ion Ratio Lower Upper
225 100
223 74.6 46.6 69.8#
227 64.8 48.2 72.2





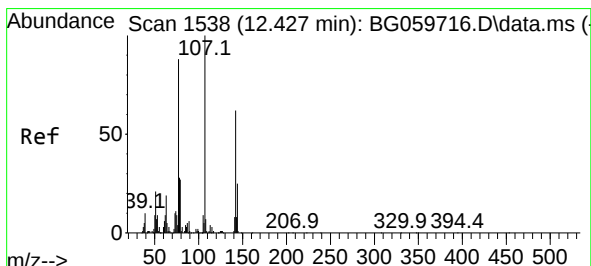
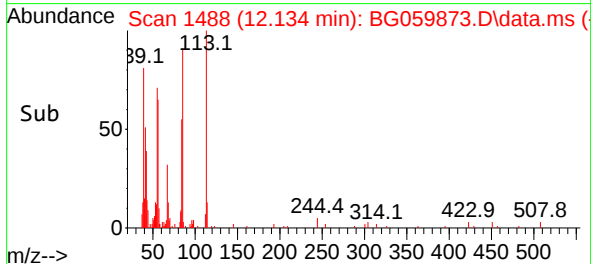
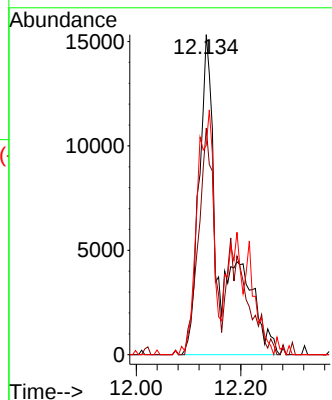
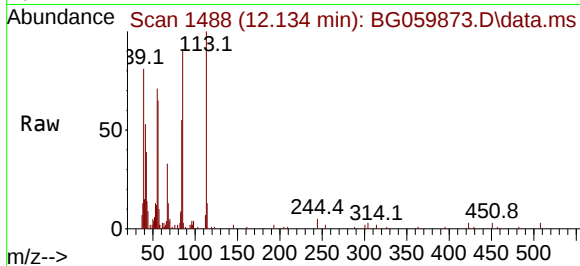
#35
Caprolactam
Concen: 46.197 ng m
RT: 12.134 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD

Tgt Ion:113 Resp: 4608
Ion Ratio Lower Upper
113 100
55 70.8 47.1 87.1
56 65.4 43.7 83.7

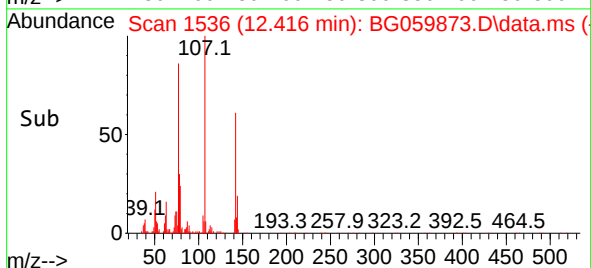
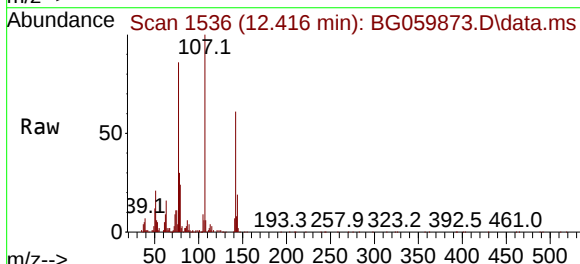
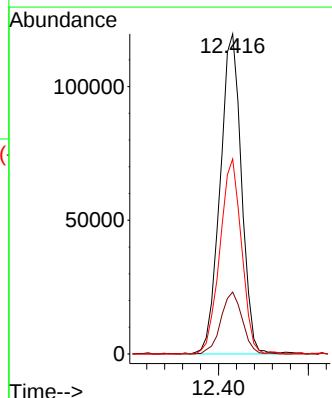
Manual Integrations
APPROVED

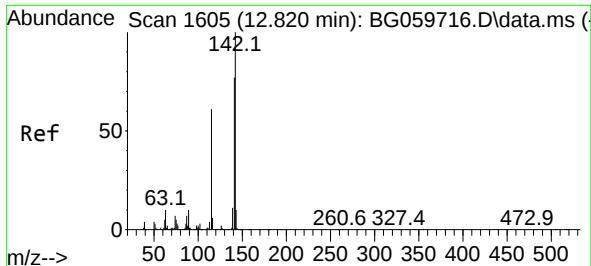
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#36
4-Chloro-3-methylphenol
Concen: 54.311 ng
RT: 12.416 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

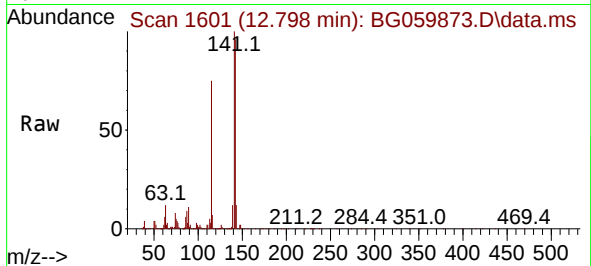
Tgt Ion:107 Resp: 197163
Ion Ratio Lower Upper
107 100
144 19.4 20.2 30.4#
142 60.9 49.4 74.0





#37
2-Methylnaphthalene
Concen: 44.218 ng
RT: 12.798 min Scan# 1601
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

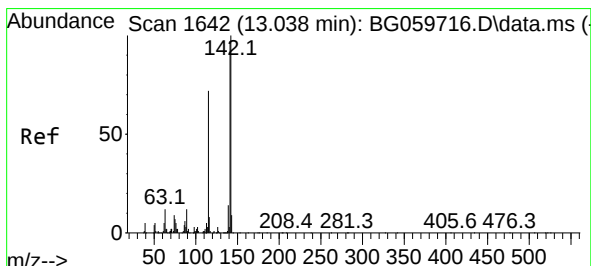
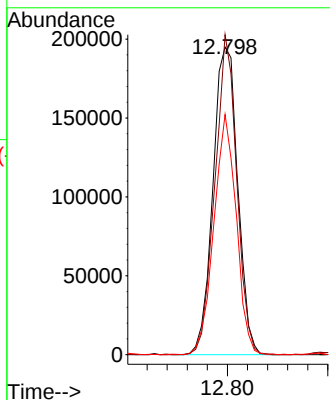
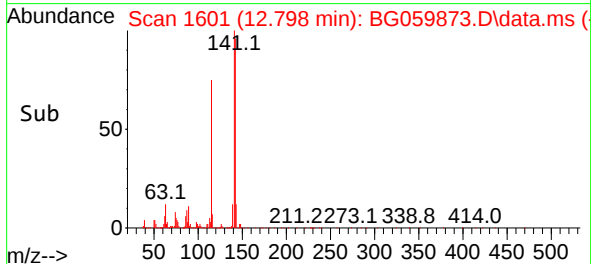
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD



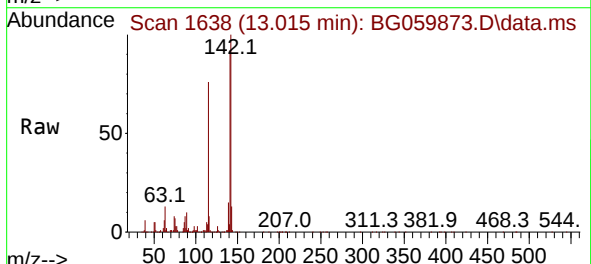
Tgt Ion:142 Resp: 333080
Ion Ratio Lower Upper
142 100
141 104.0 61.9 92.9
115 78.0 49.0 73.4

Manual Integrations
APPROVED

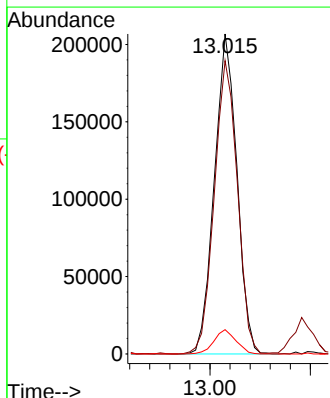
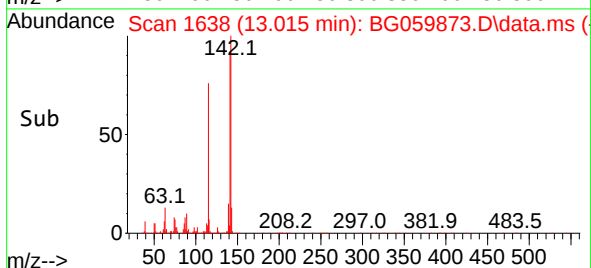
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

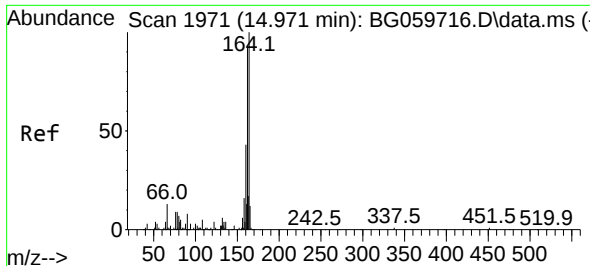


#38
1-Methylnaphthalene
Concen: 46.270 ng
RT: 13.015 min Scan# 1638
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06



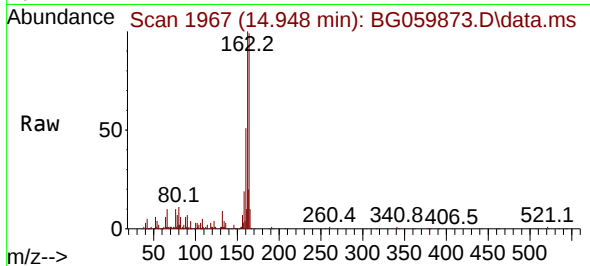
Tgt Ion:142 Resp: 321418
Ion Ratio Lower Upper
142 100
141 91.6 77.8 116.8
116 7.6 6.2 9.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.948 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

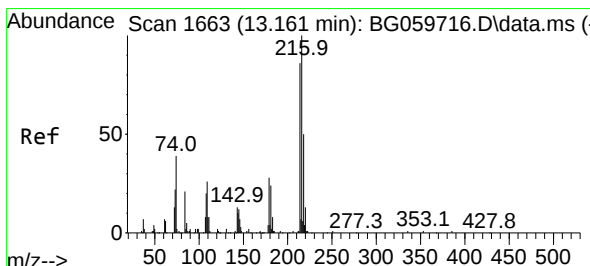
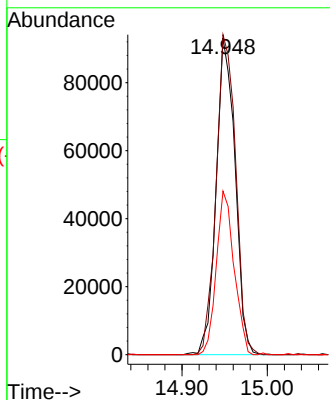
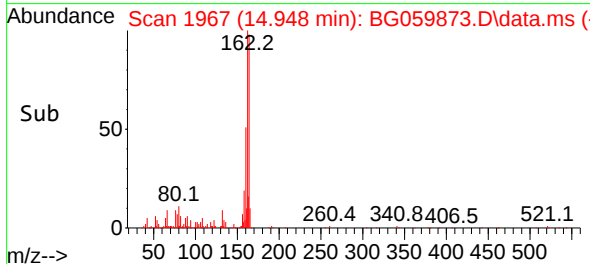
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD



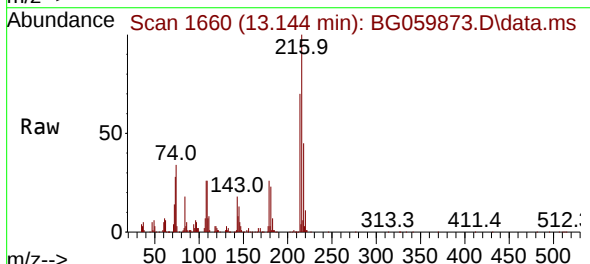
Tgt Ion:164 Resp: 14373
Ion Ratio Lower Upper
164 100
162 101.0 73.3 109.9
160 51.6 34.1 51.1

Manual Integrations
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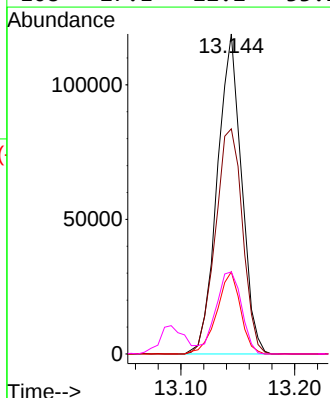
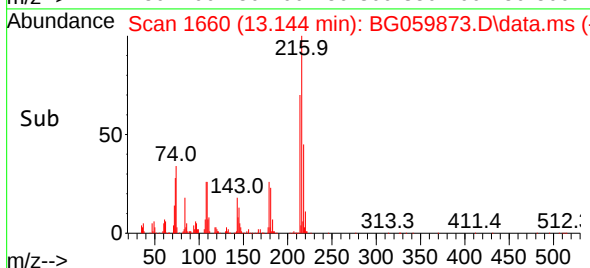
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

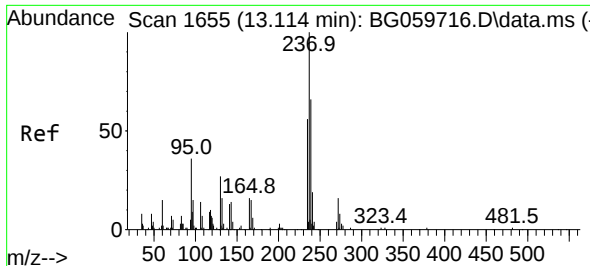


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.380 ng
RT: 13.144 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06



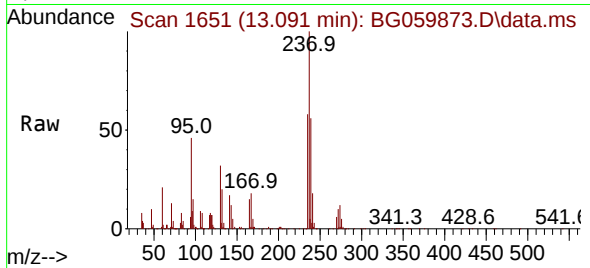
Tgt Ion:216 Resp: 176155
Ion Ratio Lower Upper
216 100
214 78.8 61.0 91.4
179 25.0 20.2 30.2
108 27.1 22.2 33.2





#41
Hexachlorocyclopentadiene
Concen: 86.132 ng
RT: 13.091 min Scan# 1651
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

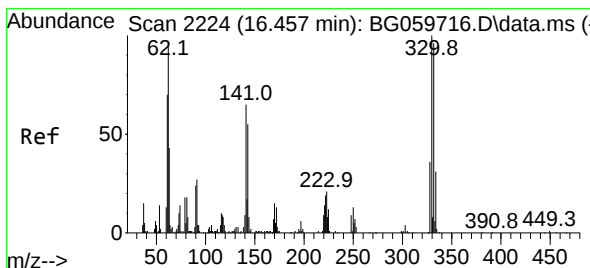
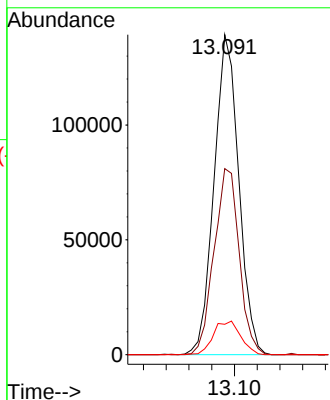
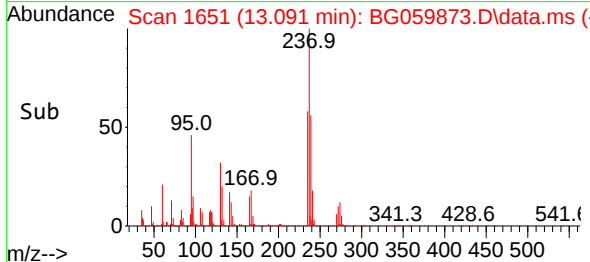
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD



Tgt Ion:237 Resp: 209728
Ion Ratio Lower Upper
237 100
235 58.2 36.0 76.0
272 9.5 0.0 36.5

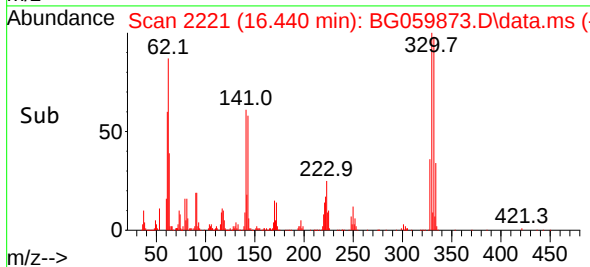
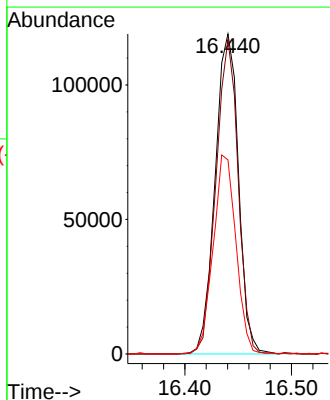
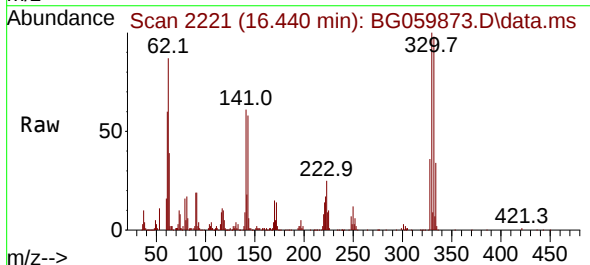
Manual Integrations
APPROVED

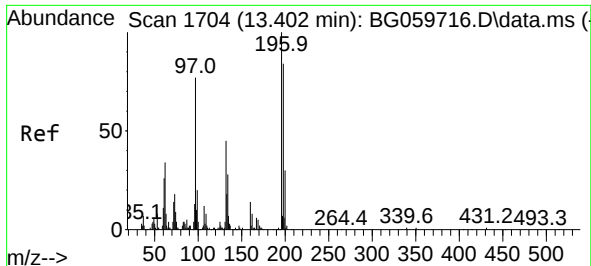
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#42
2,4,6-Tribromophenol
Concen: 110.629 ng
RT: 16.440 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

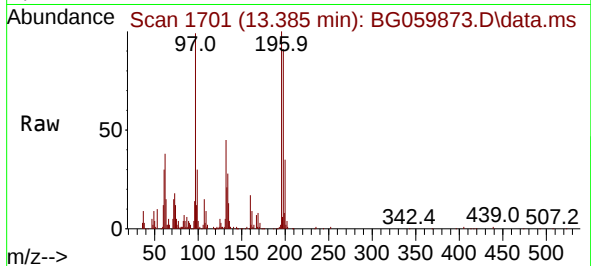
Tgt Ion:330 Resp: 180420
Ion Ratio Lower Upper
330 100
332 93.5 73.3 109.9
141 61.2 52.1 78.1





#43
2,4,6-Trichlorophenol
Concen: 47.631 ng
RT: 13.385 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

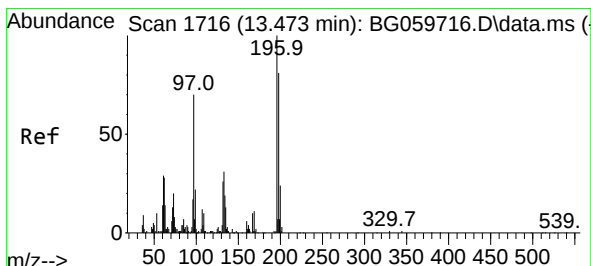
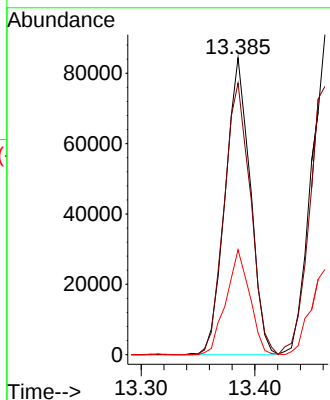
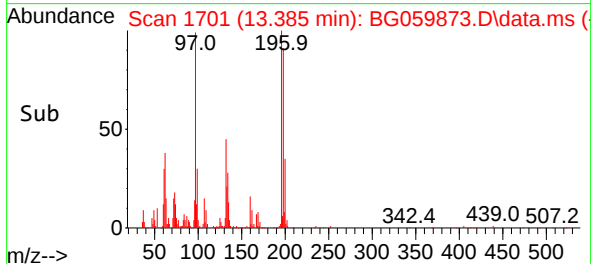
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD



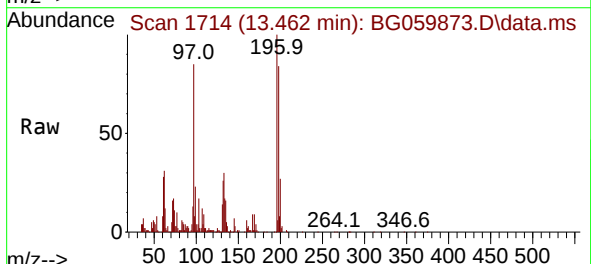
Tgt Ion:196 Resp: 128574
Ion Ratio Lower Upper
196 100
198 91.5 67.6 101.4
200 35.4 24.4 36.6

Manual Integrations
APPROVED

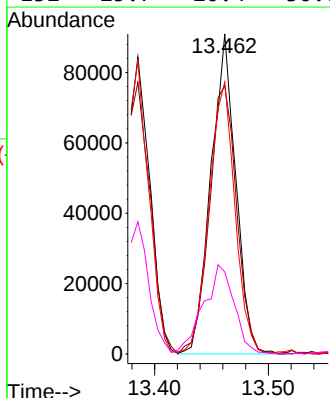
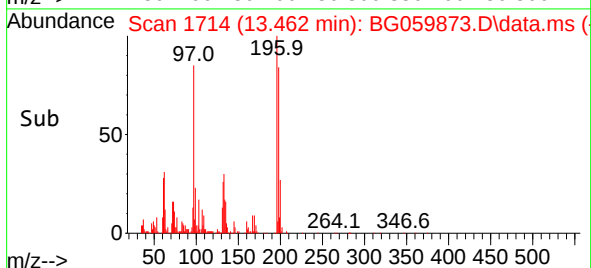
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

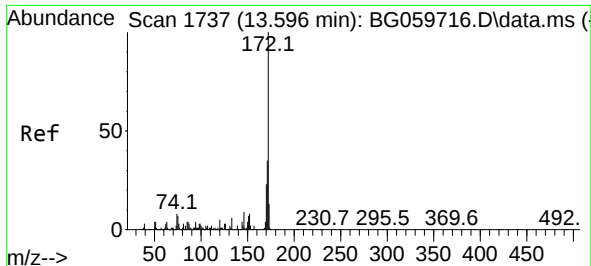


#44
2,4,5-Trichlorophenol
Concen: 43.624 ng
RT: 13.462 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06



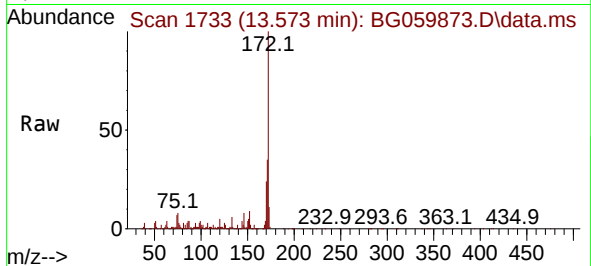
Tgt Ion:196 Resp: 138365
Ion Ratio Lower Upper
196 100
198 83.9 66.7 100.1
97 85.0 55.9 83.9#
132 25.7 20.4 30.6





#45
2-Fluorobiphenyl
Concen: 52.930 ng
RT: 13.573 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

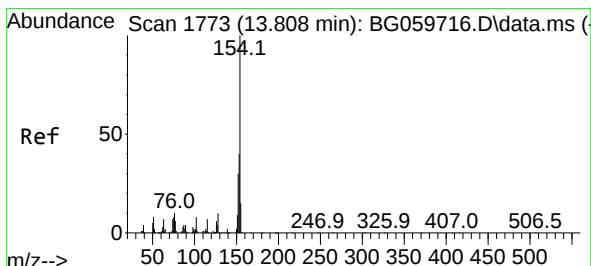
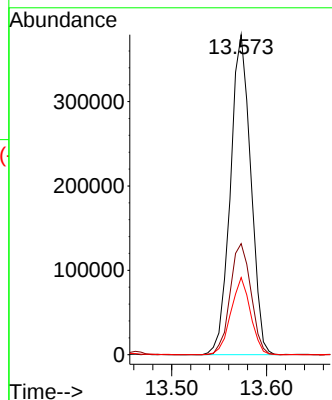
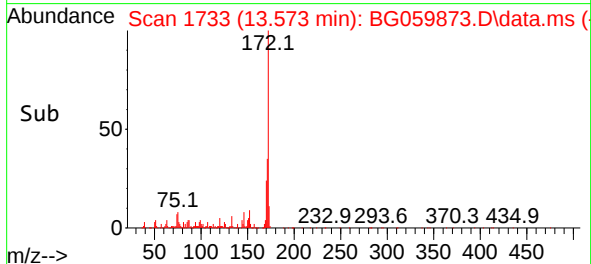
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD



Tgt Ion:172 Resp: 565199
Ion Ratio Lower Upper
172 100
171 34.7 27.7 41.5
170 24.1 18.4 27.6

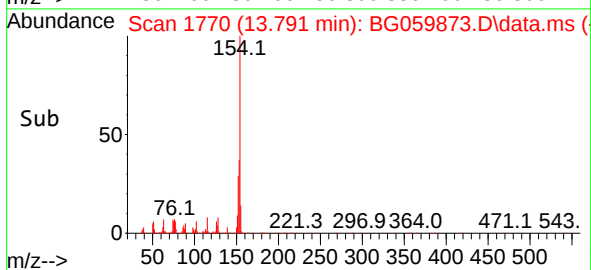
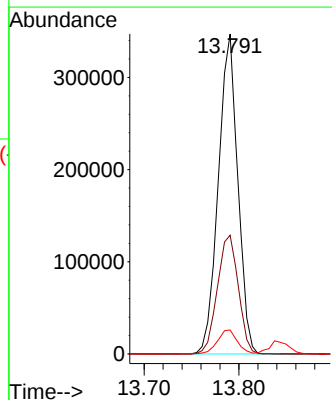
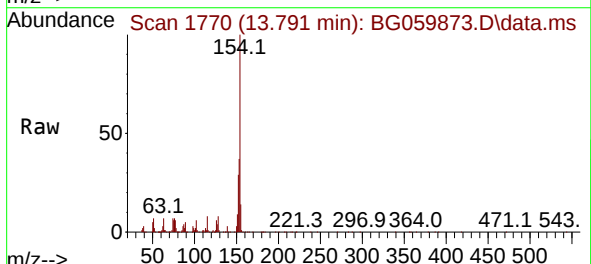
Manual Integrations
APPROVED

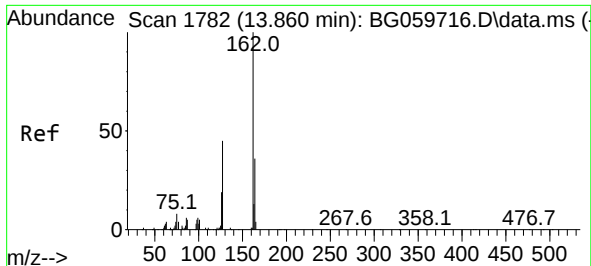
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#46
1,1'-Biphenyl
Concen: 43.818 ng
RT: 13.791 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

Tgt Ion:154 Resp: 494361
Ion Ratio Lower Upper
154 100
153 37.1 19.7 59.7
76 7.5 0.0 30.4





#47

2-Chloronaphthalene

Concen: 45.002 ng

RT: 13.843 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG059873.D

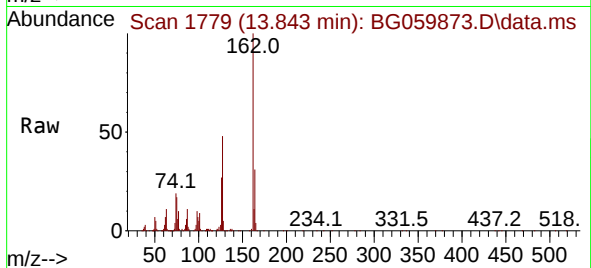
Acq: 25 Nov 2023 1:06

Instrument :

BNA_G

ClientSampleId :

710-ELIZABETH-AVEMSD

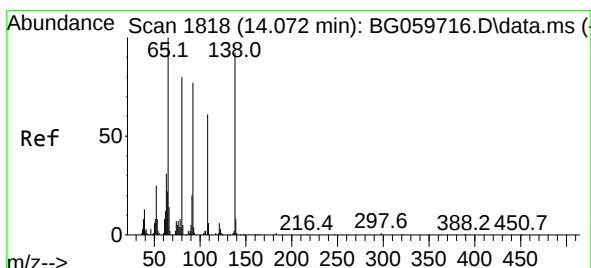
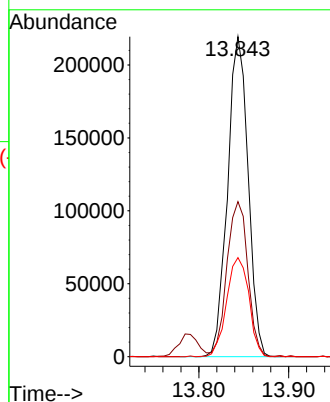
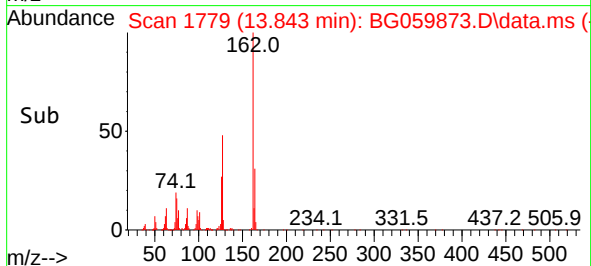


Tgt Ion:	162	Resp:	348860
Ion Ratio	Lower	Upper	
162	100		
127	48.5	41.0	61.6
164	31.0	28.9	43.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023



#48

2-Nitroaniline

Concen: 46.819 ng

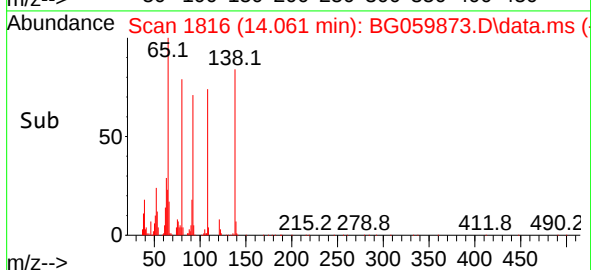
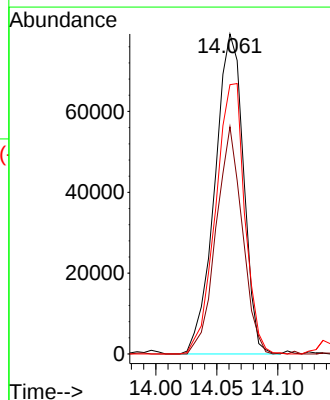
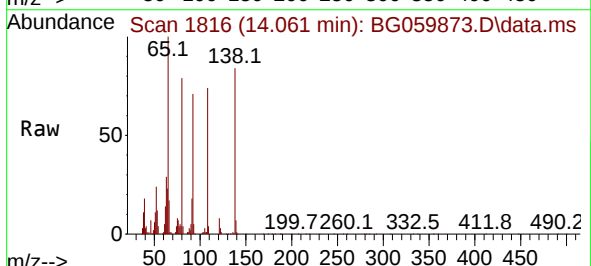
RT: 14.061 min Scan# 1816

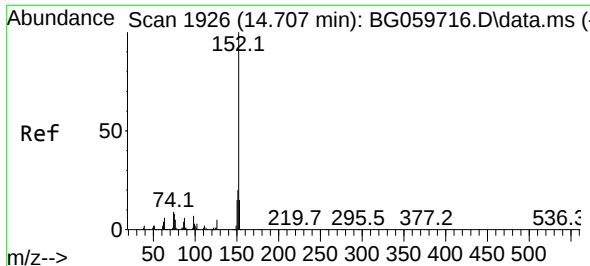
Delta R.T. -0.006 min

Lab File: BG059873.D

Acq: 25 Nov 2023 1:06

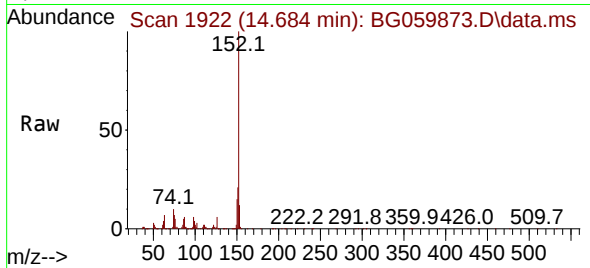
Tgt Ion:	65	Resp:	129582
Ion Ratio	Lower	Upper	
65	100		
92	71.0	61.2	91.8
138	84.2	73.8	110.6





#49
Acenaphthylene
Concen: 47.371 ng
RT: 14.684 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

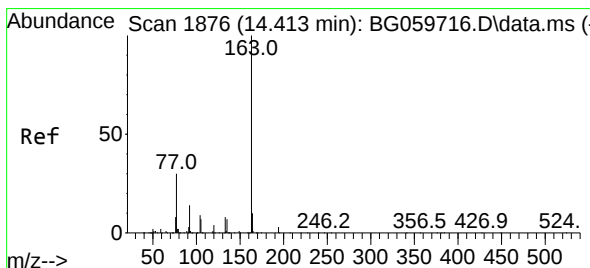
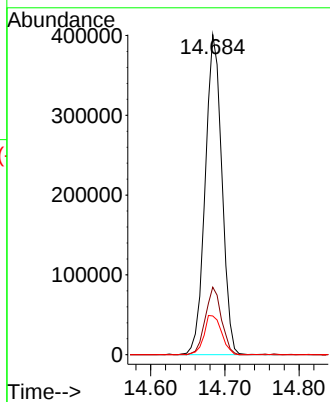
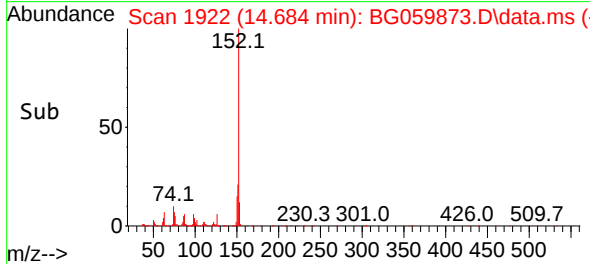
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD



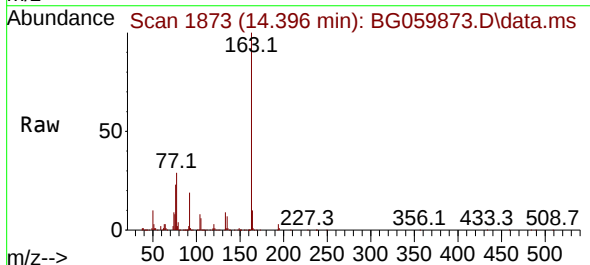
Tgt Ion:152 Resp: 626150
Ion Ratio Lower Upper
152 100
151 21.1 15.8 23.8
153 12.1 12.2 18.4

Manual Integrations
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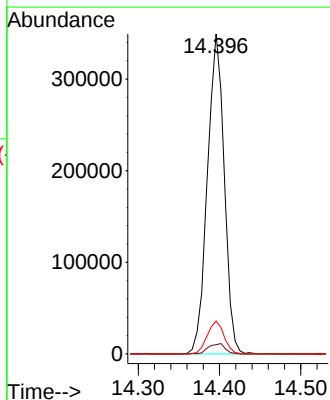
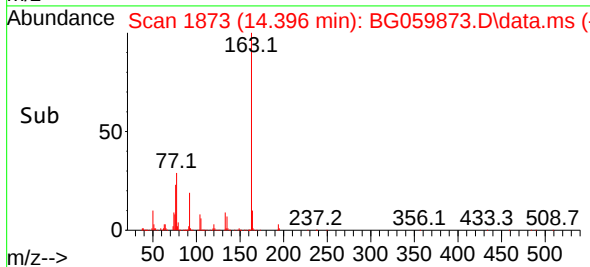
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

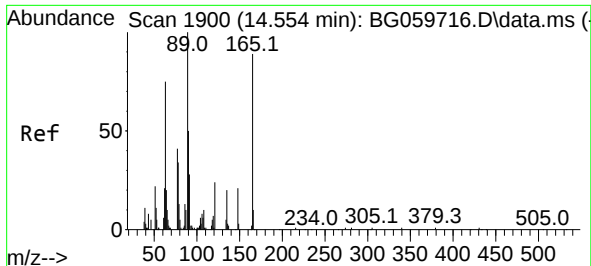


#50
Dimethylphthalate
Concen: 45.097 ng
RT: 14.396 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06



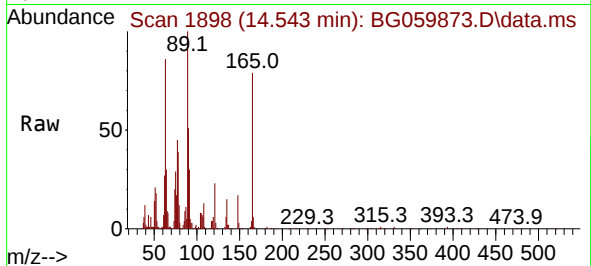
Tgt Ion:163 Resp: 502323
Ion Ratio Lower Upper
163 100
194 2.9 2.8 4.2
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 46.025 ng
RT: 14.543 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

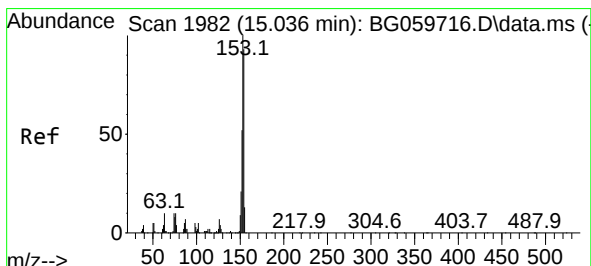
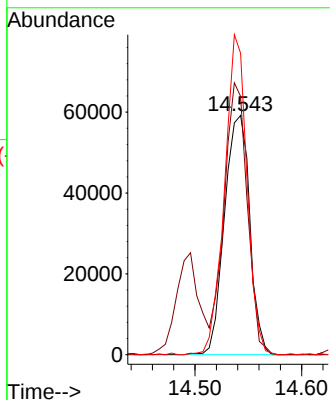
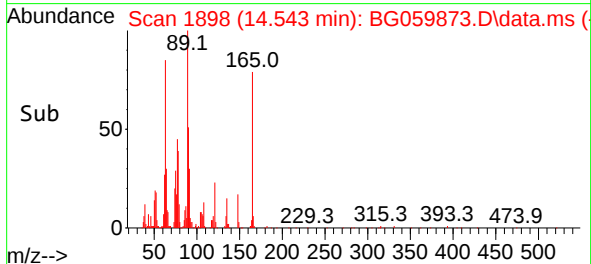
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD



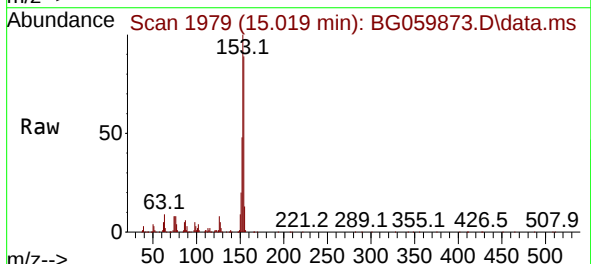
Tgt Ion:165 Resp: 97254
Ion Ratio Lower Upper
165 100
63 107.9 75.3 112.9
89 126.0 90.9 136.3

Manual Integrations
APPROVED

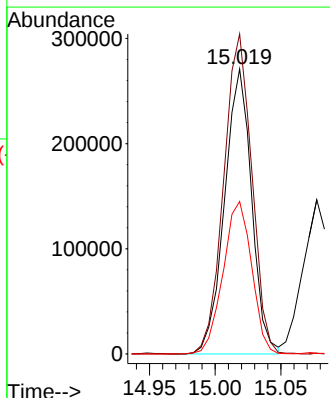
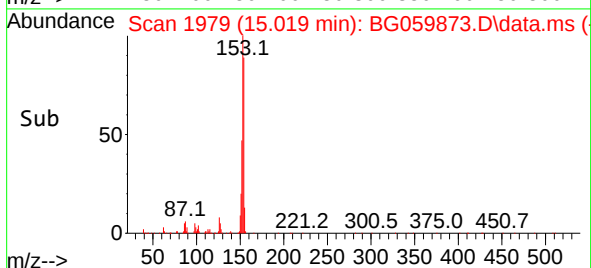
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

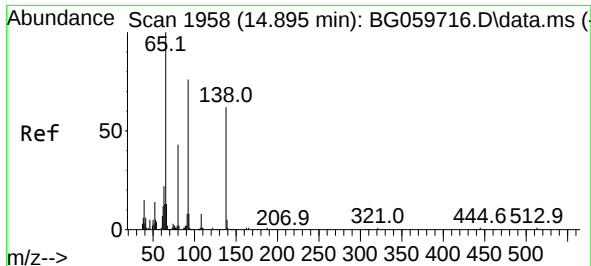


#52
Acenaphthene
Concen: 48.904 ng
RT: 15.019 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06



Tgt Ion:154 Resp: 388754
Ion Ratio Lower Upper
154 100
153 112.3 85.8 128.8
152 53.5 44.4 66.6





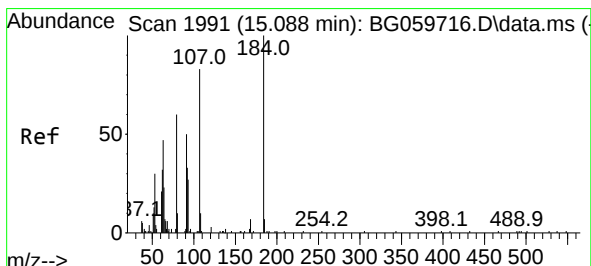
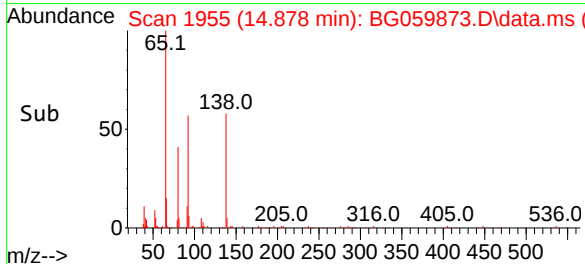
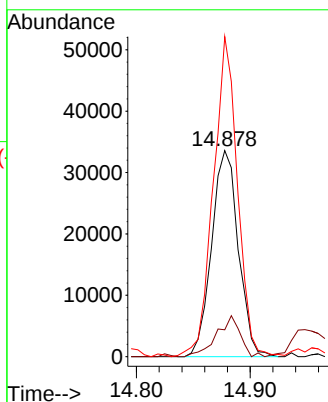
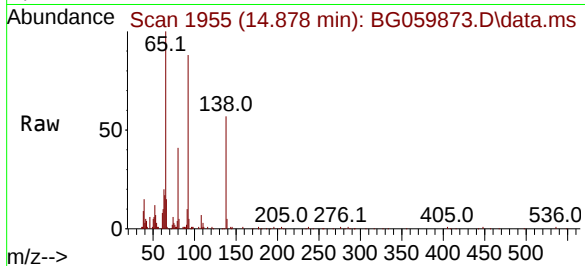
#53
3-Nitroaniline
Concen: 22.157 ng
RT: 14.878 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD

Tgt Ion:138 Resp: 5480
Ion Ratio Lower Upper
138 100
108 13.0 9.9 14.9
92 155.2 98.3 147.5

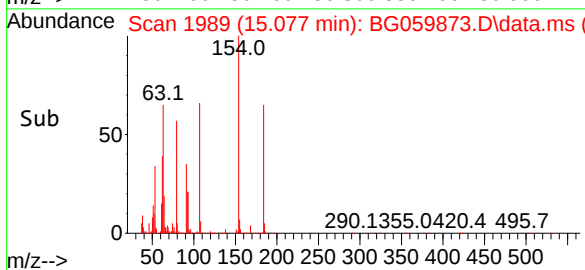
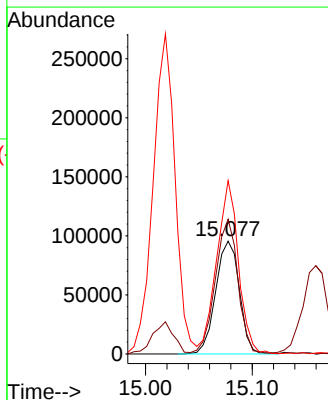
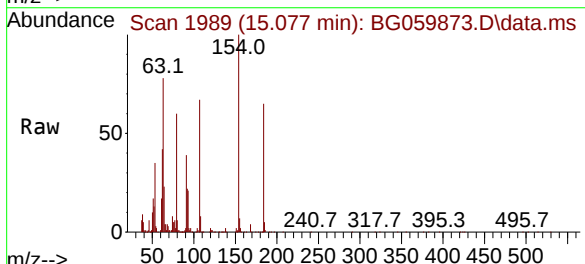
Manual Integrations
APPROVED

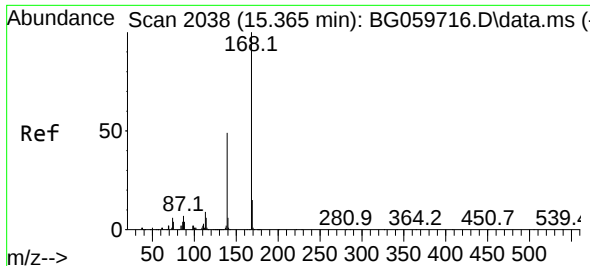
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#54
2,4-Dinitrophenol
Concen: 93.616 ng
RT: 15.077 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

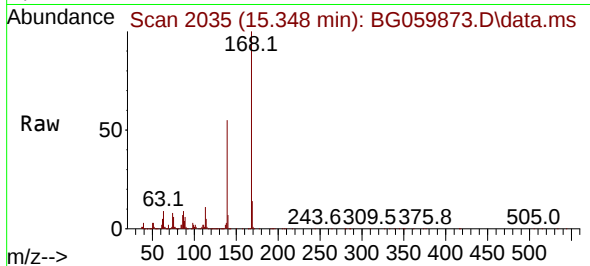
Tgt Ion:184 Resp: 146998
Ion Ratio Lower Upper
184 100
63 119.5 58.3 87.5#
154 153.6 94.1 141.1#





#55
Dibenzenofuran
Concen: 49.979 ng
RT: 15.348 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

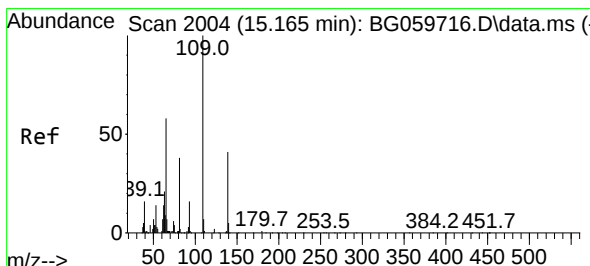
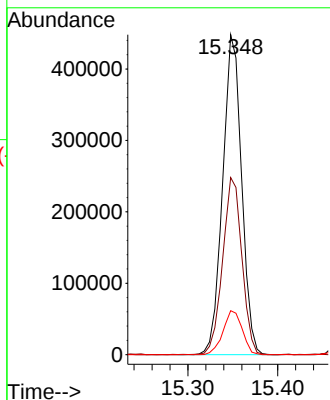
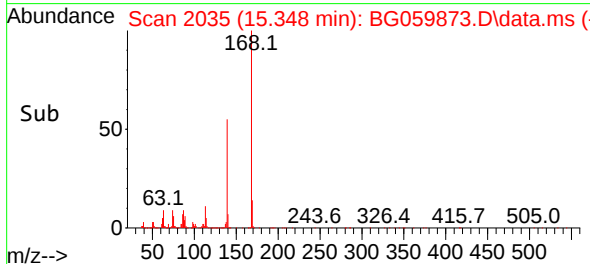
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD



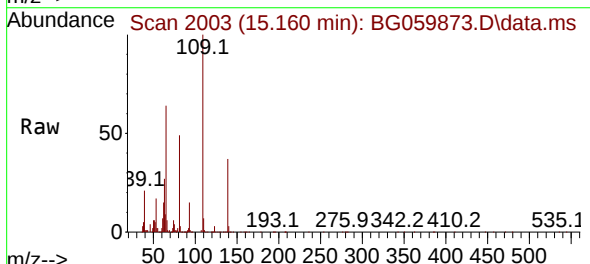
Tgt Ion:168 Resp: 655054
Ion Ratio Lower Upper
168 100
139 55.3 38.9 58.3
169 13.8 11.8 17.8

Manual Integrations
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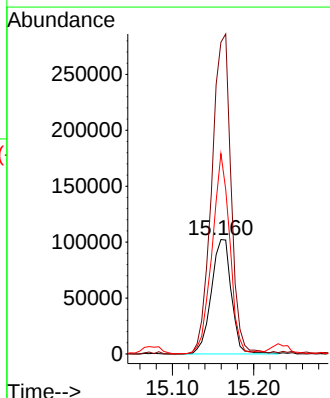
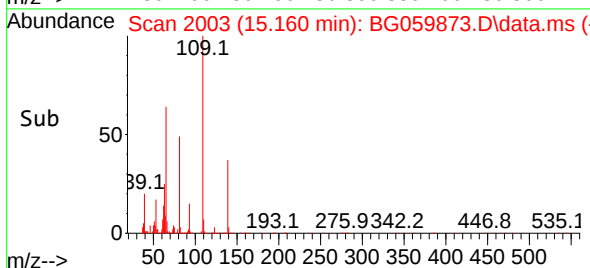
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

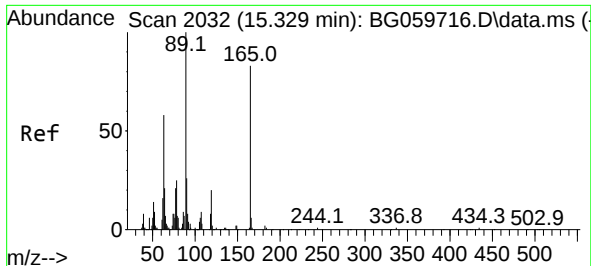


#56
4-Nitrophenol
Concen: 92.993 ng
RT: 15.160 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06



Tgt Ion:139 Resp: 175972
Ion Ratio Lower Upper
139 100
109 272.4 223.4 263.4#
65 175.1 120.6 160.6#





#57

2,4-Dinitrotoluene

Concen: 51.065 ng

RT: 15.318 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BG059873.D

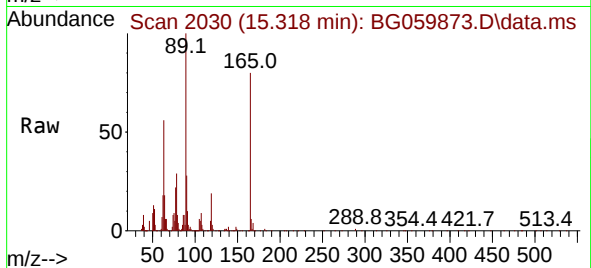
Acq: 25 Nov 2023 1:06

Instrument :

BNA_G

ClientSampleId :

710-ELIZABETH-AVEMSD

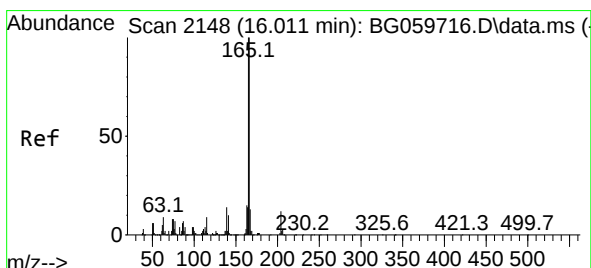
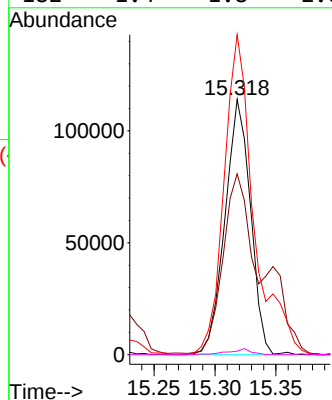
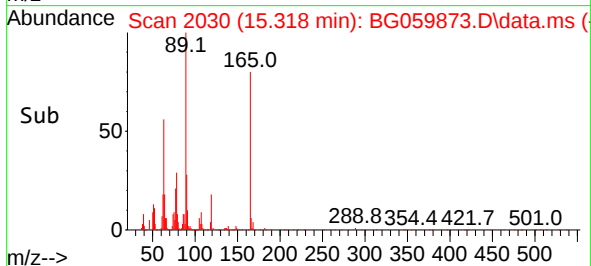


Tgt Ion	Ratio	Lower	Upper
165	100		
63	70.9	55.8	83.8
89	125.4	96.9	145.3
182	1.4	1.8	2.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/28/2023



#58

Fluorene

Concen: 50.975 ng

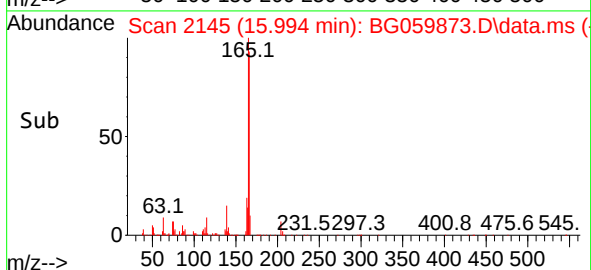
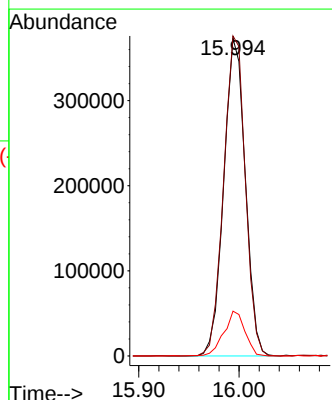
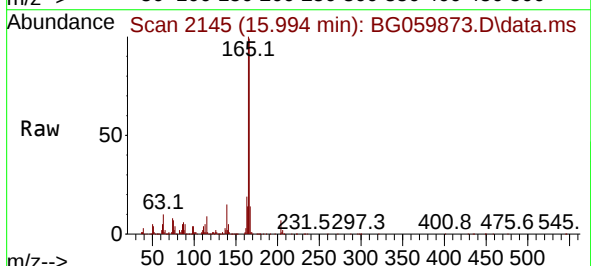
RT: 15.994 min Scan# 2145

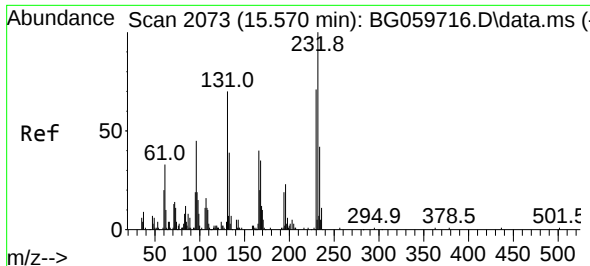
Delta R.T. -0.006 min

Lab File: BG059873.D

Acq: 25 Nov 2023 1:06

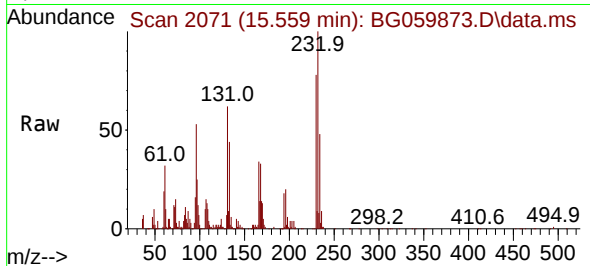
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.9	119.9
167	14.1	10.1	15.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.208 ng m
RT: 15.559 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

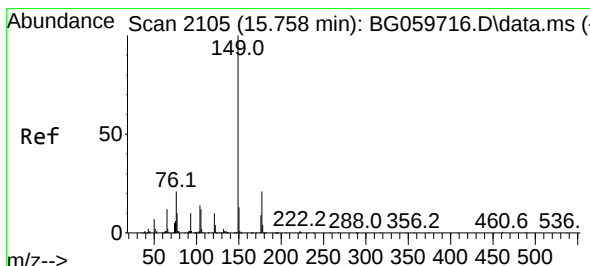
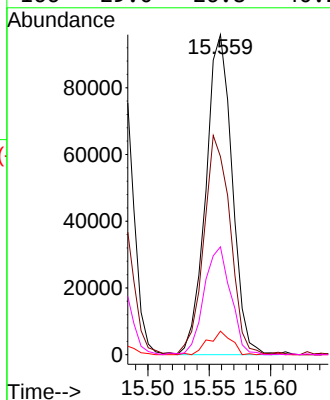
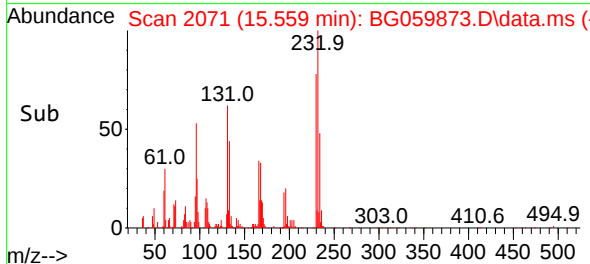
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD



Tgt Ion:232 Resp: 14277
Ion Ratio Lower Upper
232 100
131 63.9 50.2 75.2
130 5.6 4.3 6.5
166 29.0 26.8 40.2

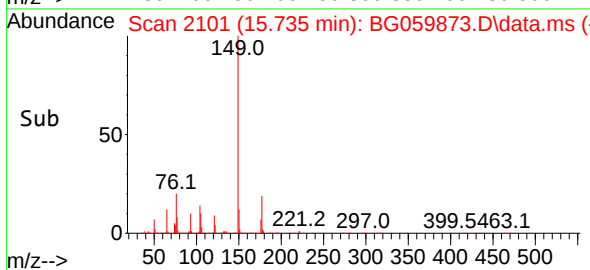
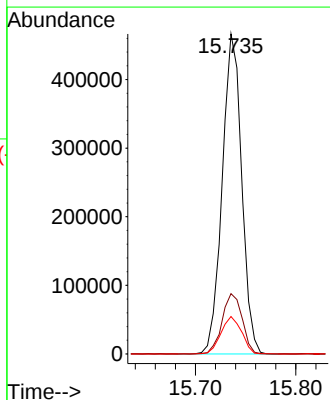
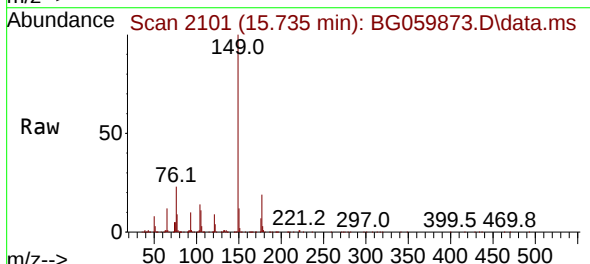
Manual Integrations
APPROVED

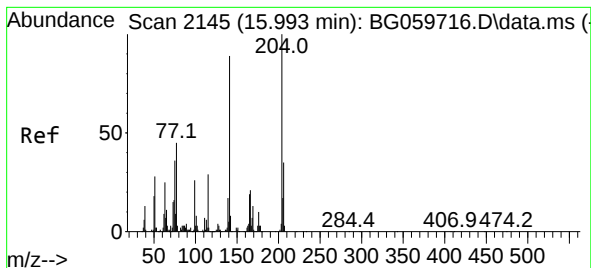
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#60
Diethylphthalate
Concen: 52.527 ng
RT: 15.735 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

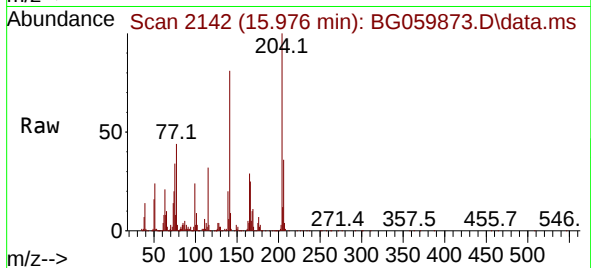
Tgt Ion:149 Resp: 627502
Ion Ratio Lower Upper
149 100
177 18.8 16.6 24.8
150 11.7 10.7 16.1





#61
4-Chlorophenyl-phenylether
Concen: 51.305 ng
RT: 15.976 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

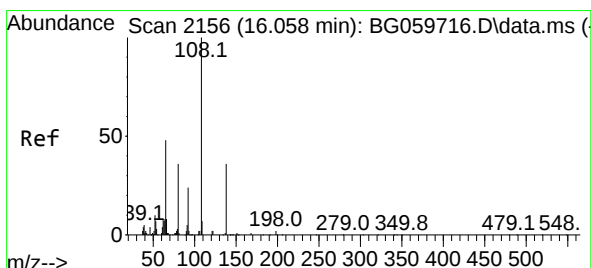
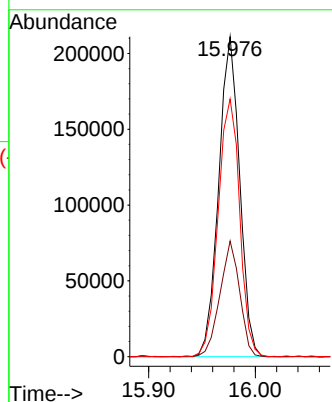
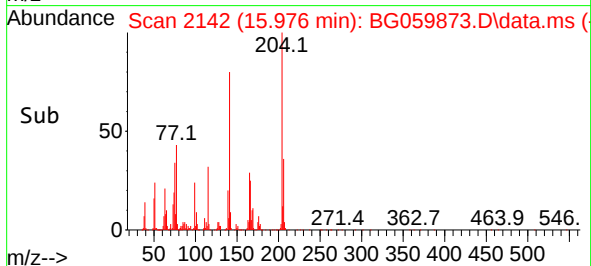
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD



Tgt Ion:204 Resp: 287550
Ion Ratio Lower Upper
204 100
206 36.2 28.1 42.1
141 80.5 70.9 106.3

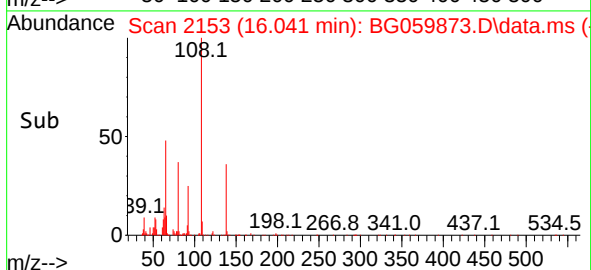
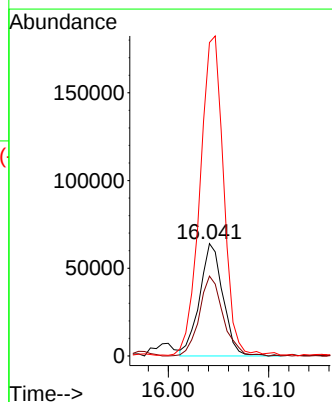
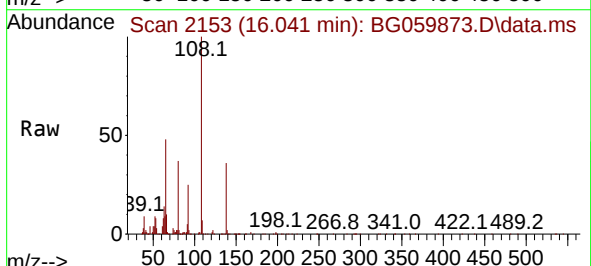
Manual Integrations
APPROVED

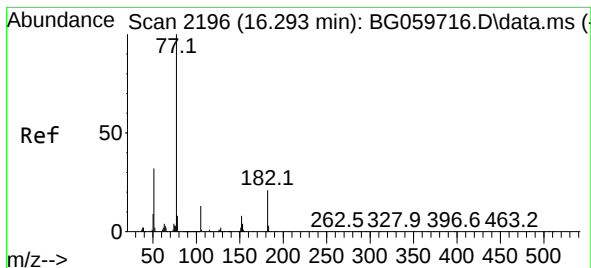
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#62
4-Nitroaniline
Concen: 41.862 ng
RT: 16.041 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

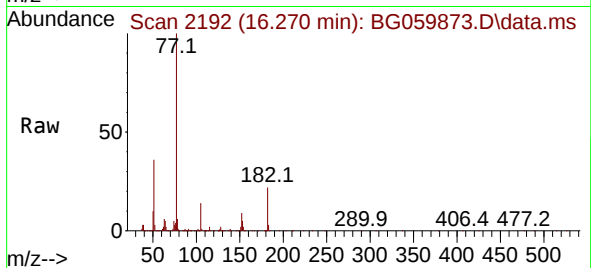
Tgt Ion:138 Resp: 103771
Ion Ratio Lower Upper
138 100
92 71.1 45.8 85.8
108 278.8 256.3 296.3





#63
Azobenzene
Concen: 48.057 ng
RT: 16.270 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

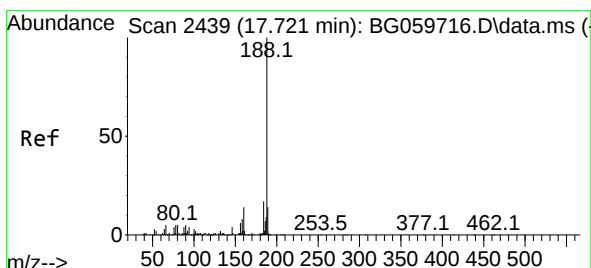
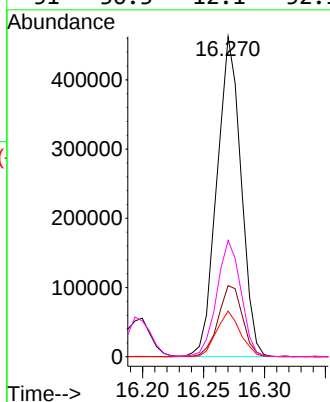
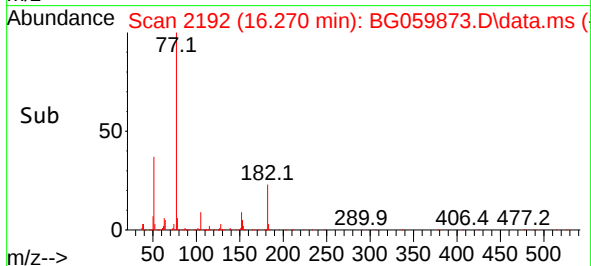
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD



Tgt Ion: 77 Resp: 637980
Ion Ratio Lower Upper
77 100
182 22.2 1.1 41.1
105 14.3 0.0 33.0
51 36.3 12.1 52.1

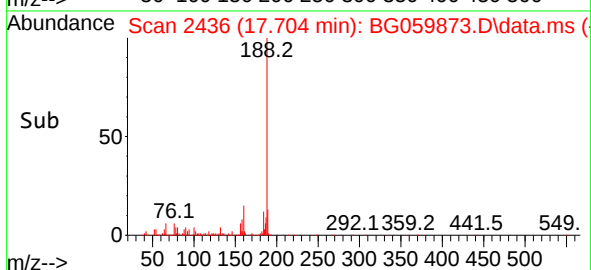
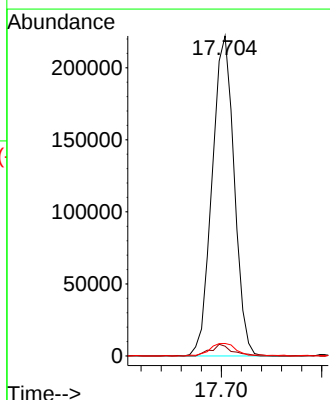
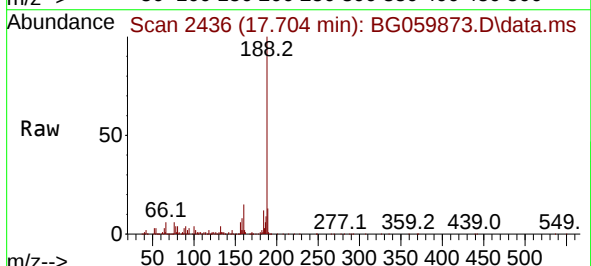
Manual Integrations
APPROVED

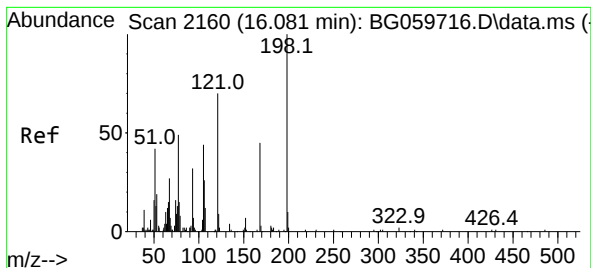
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.704 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

Tgt Ion:188 Resp: 338628
Ion Ratio Lower Upper
188 100
94 3.0 3.0 4.4
80 3.9 4.2 6.4





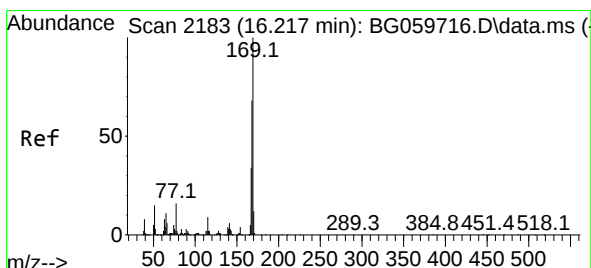
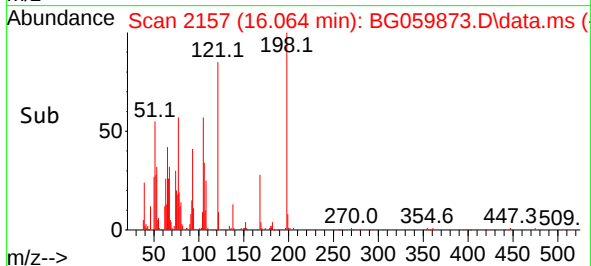
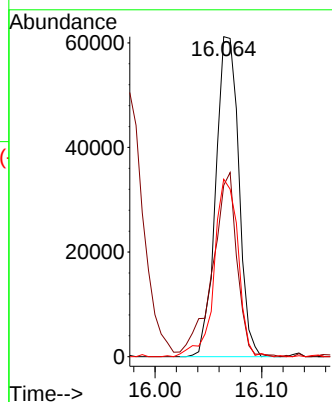
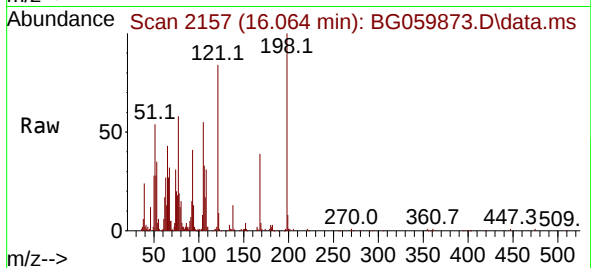
#65
4,6-Dinitro-2-methylphenol
Concen: 44.174 ng
RT: 16.064 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD

Tgt Ion:198 Resp: 91415
Ion Ratio Lower Upper
198 100
51 53.6 23.0 63.0
105 55.5 24.0 64.0

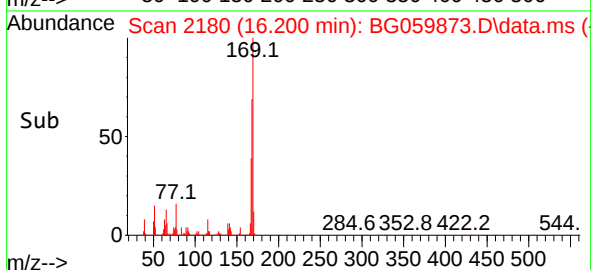
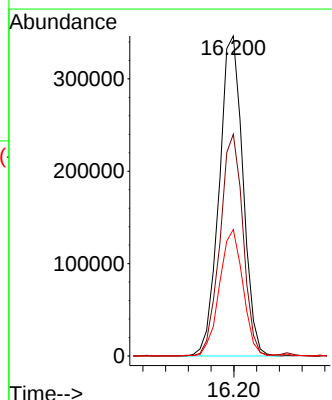
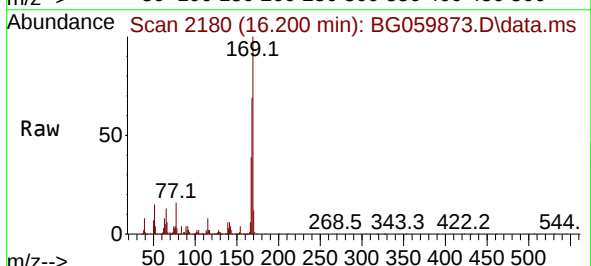
Manual Integrations
APPROVED

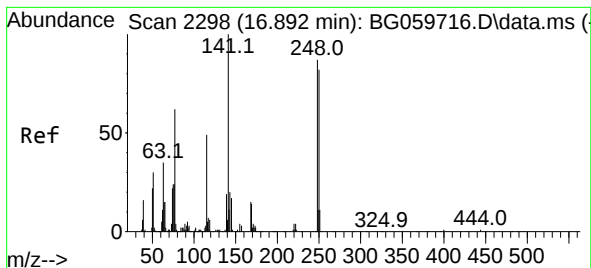
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#66
n-Nitrosodiphenylamine
Concen: 50.750 ng
RT: 16.200 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

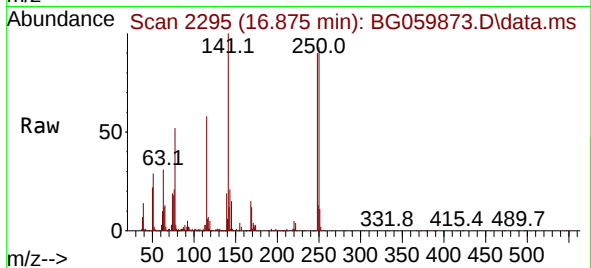
Tgt Ion:169 Resp: 502021
Ion Ratio Lower Upper
169 100
168 69.3 54.5 81.7
167 39.5 27.8 41.6





#67
4-Bromophenyl-phenylether
Concen: 53.187 ng
RT: 16.875 min Scan# 211
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

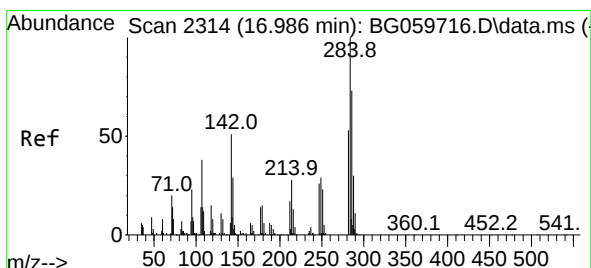
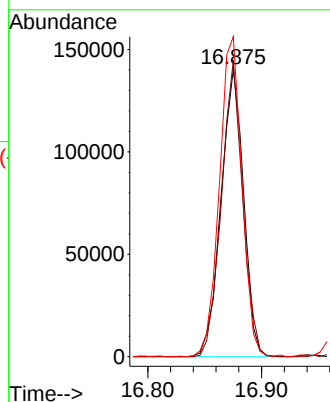
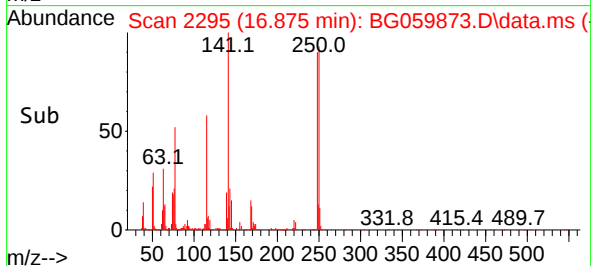
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD



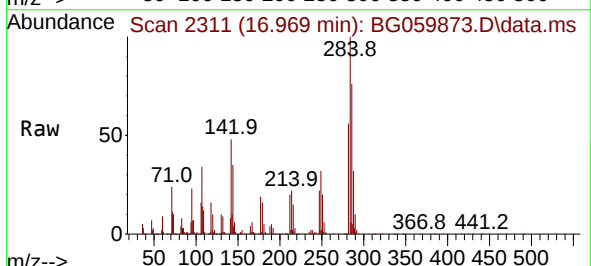
Tgt Ion:248 Resp: 193489
Ion Ratio Lower Upper
248 100
250 103.2 75.2 112.8
141 111.4 91.5 137.3

Manual Integrations
APPROVED

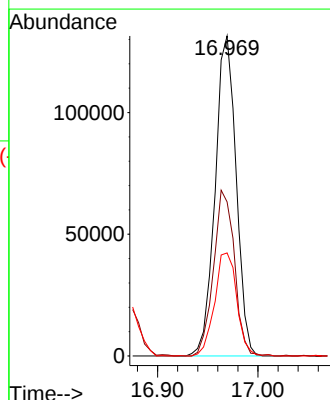
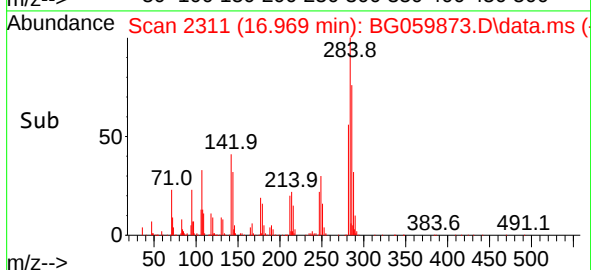
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

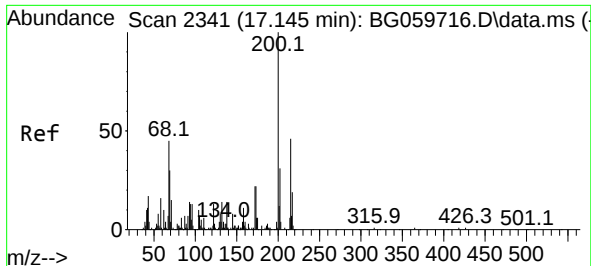


#68
Hexachlorobenzene
Concen: 56.381 ng
RT: 16.969 min Scan# 2311
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06



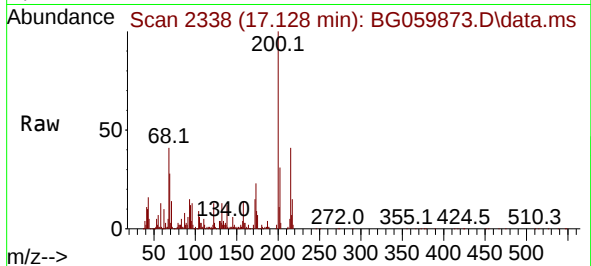
Tgt Ion:284 Resp: 191434
Ion Ratio Lower Upper
284 100
142 48.2 41.0 61.6
249 34.0 24.2 36.4





#69
Atrazine
Concen: 64.255 ng
RT: 17.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

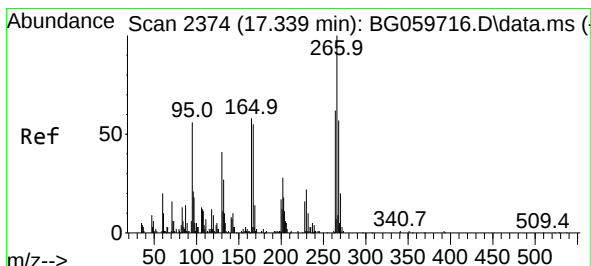
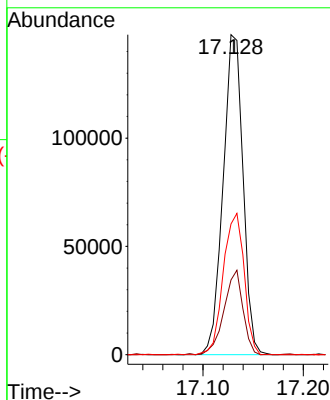
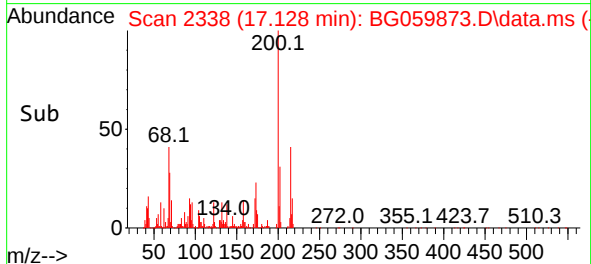
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD



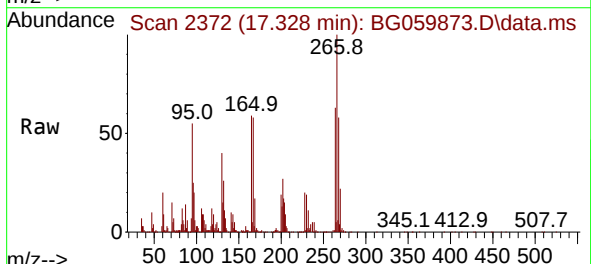
Tgt Ion:200 Resp: 20378
Ion Ratio Lower Upper
200 100
173 23.3 2.3 42.3
215 40.8 25.6 65.6

Manual Integrations
APPROVED

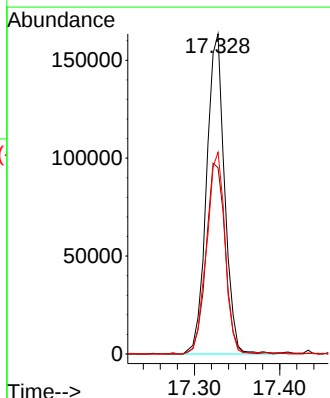
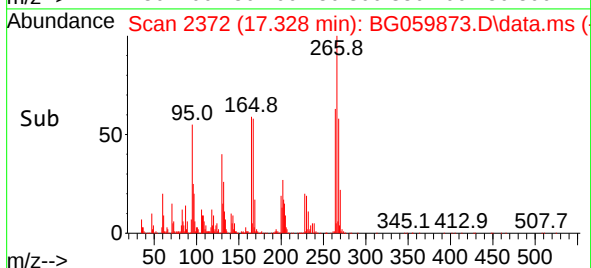
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

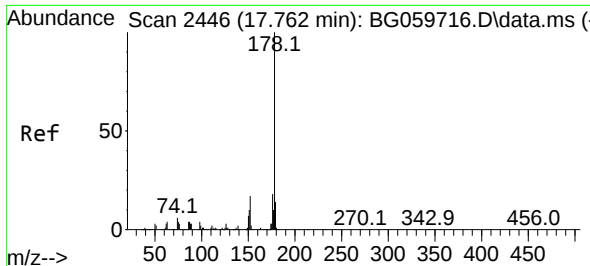


#70
Pentachlorophenol
Concen: 92.461 ng
RT: 17.328 min Scan# 2372
Delta R.T. 0.000 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06



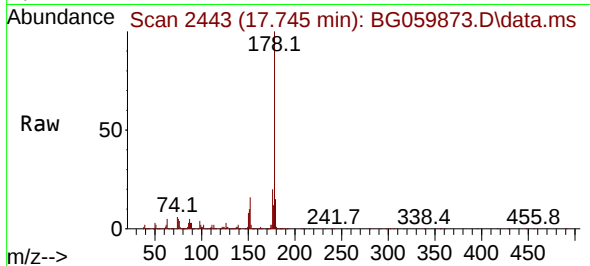
Tgt Ion:266 Resp: 239509
Ion Ratio Lower Upper
266 100
268 58.2 45.7 68.5
264 63.1 49.8 74.8





#71
Phenanthrene
Concen: 50.127 ng
RT: 17.745 min Scan# 2446
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

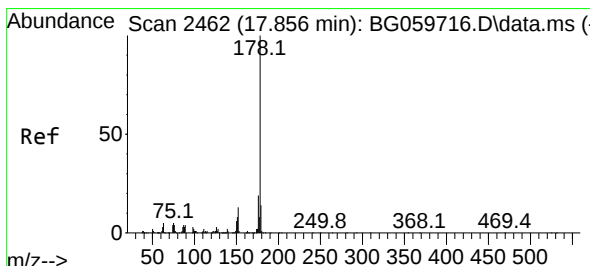
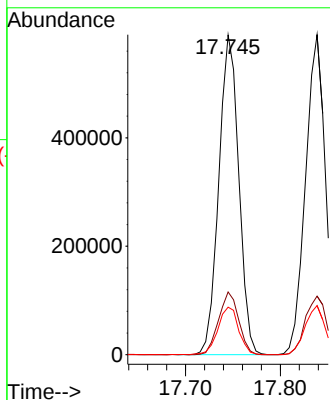
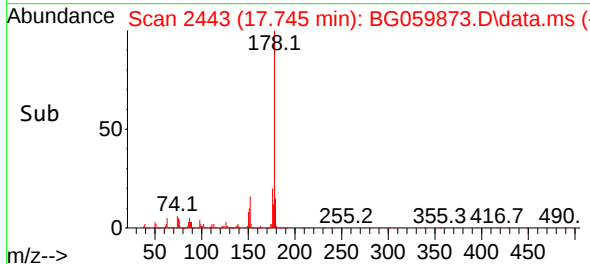
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD



Tgt Ion:178 Resp: 863014
Ion Ratio Lower Upper
178 100
176 19.6 14.5 21.7
179 14.9 11.2 16.8

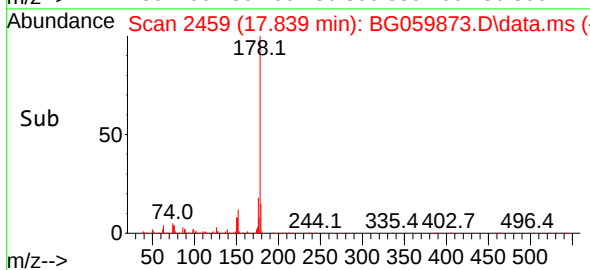
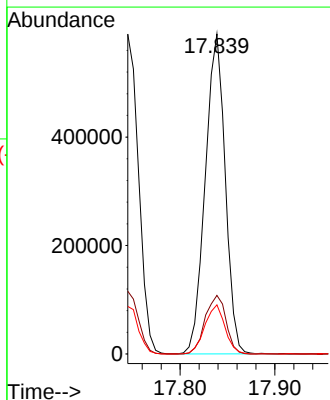
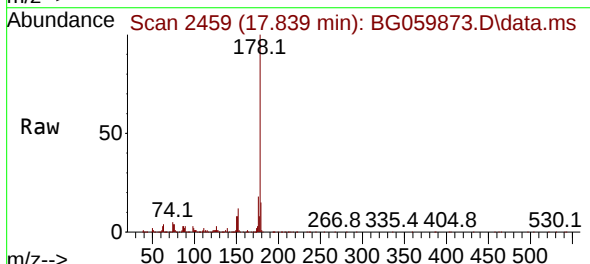
Manual Integrations
APPROVED

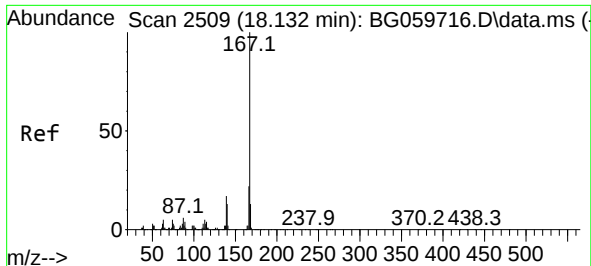
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#72
Anthracene
Concen: 48.138 ng
RT: 17.839 min Scan# 2459
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

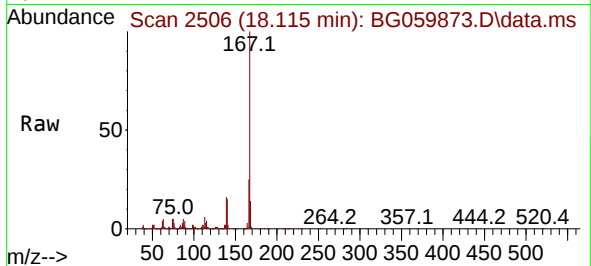
Tgt Ion:178 Resp: 861117
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.4 11.5 17.3





#73
 Carbazole
 Concen: 46.304 ng
 RT: 18.115 min Scan# 2506
 Delta R.T. -0.006 min
 Lab File: BG059873.D
 Acq: 25 Nov 2023 1:06

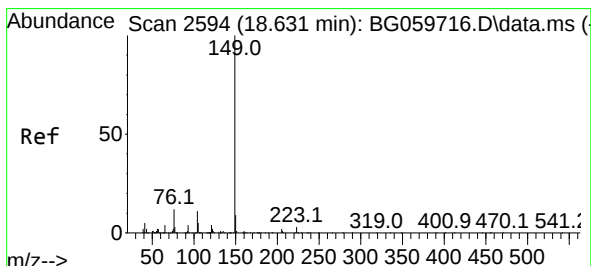
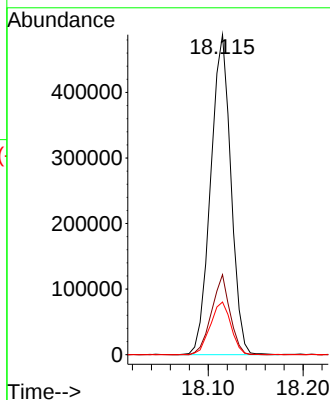
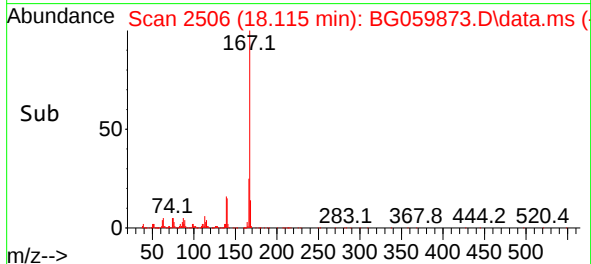
Instrument :
 BNA_G
 ClientSampleId :
 710-ELIZABETH-AVEMSD



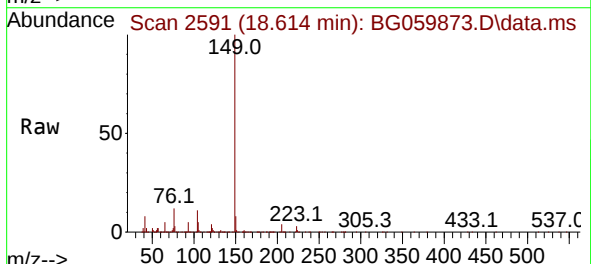
Tgt Ion:167 Resp: 723618
 Ion Ratio Lower Upper
 167 100
 166 25.0 17.4 26.0
 139 16.4 13.2 19.8

Manual Integrations
 APPROVED

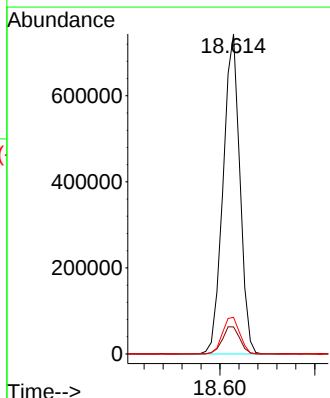
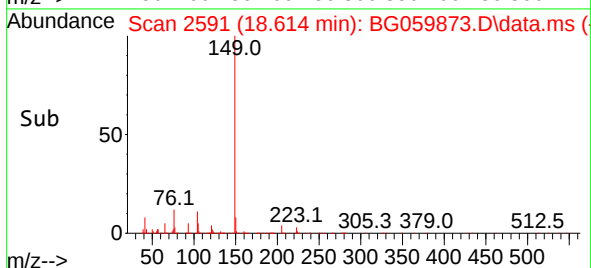
Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023

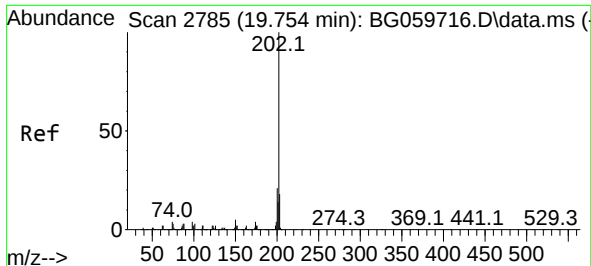


#74
 Di-n-butylphthalate
 Concen: 48.398 ng
 RT: 18.614 min Scan# 2591
 Delta R.T. 0.000 min
 Lab File: BG059873.D
 Acq: 25 Nov 2023 1:06



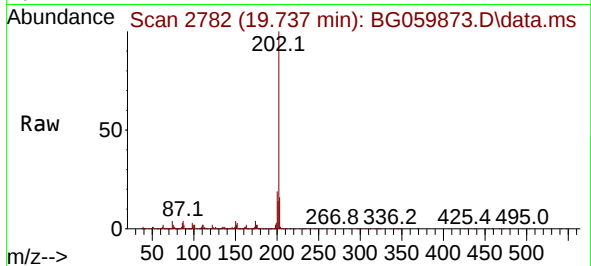
Tgt Ion:149 Resp: 914244
 Ion Ratio Lower Upper
 149 100
 150 8.5 7.5 11.3
 104 11.5 8.6 12.8





#75
Fluoranthene
Concen: 45.057 ng
RT: 19.737 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

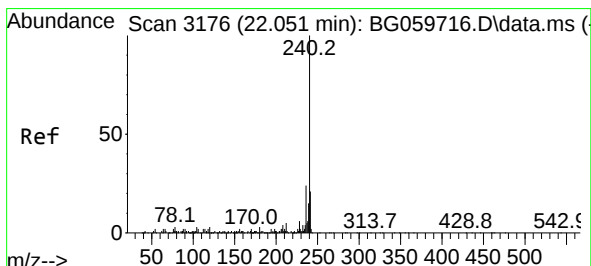
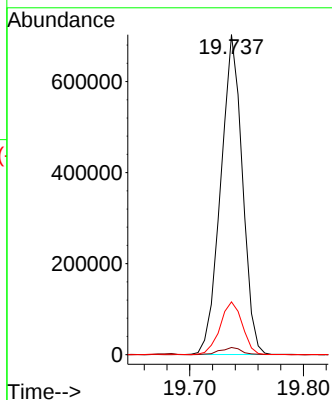
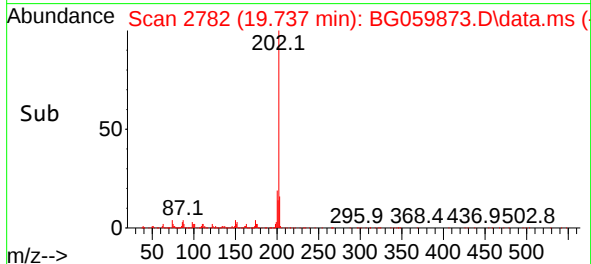
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD



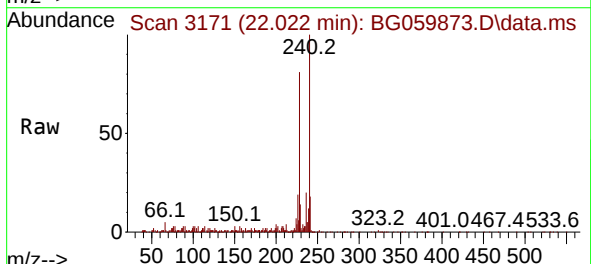
Tgt Ion:202 Resp: 930290
Ion Ratio Lower Upper
202 100
101 2.2 0.0 22.7
203 16.5 0.0 38.2

Manual Integrations
APPROVED

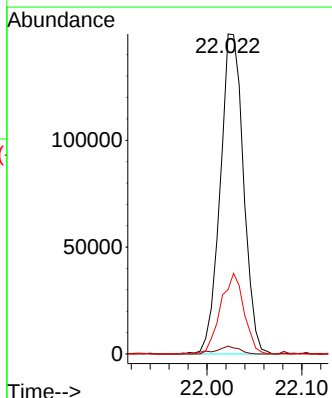
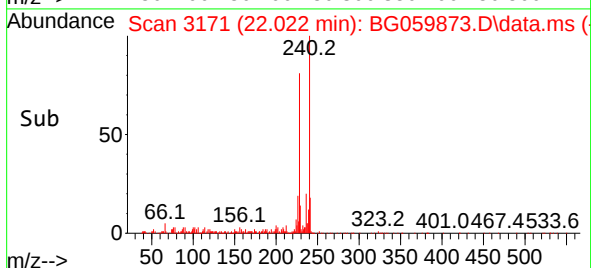
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

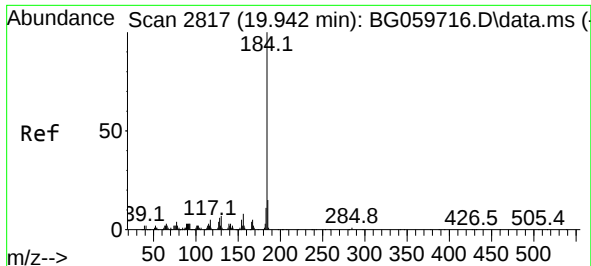


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.022 min Scan# 3171
Delta R.T. -0.012 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06



Tgt Ion:240 Resp: 255359
Ion Ratio Lower Upper
240 100
120 3.0 2.2 3.2
236 20.1 19.4 29.2





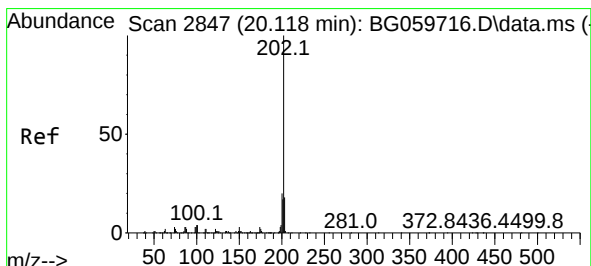
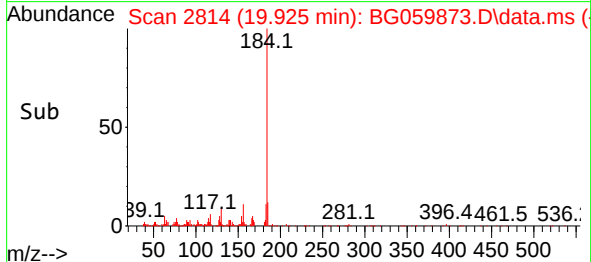
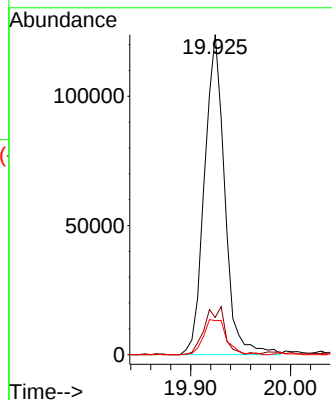
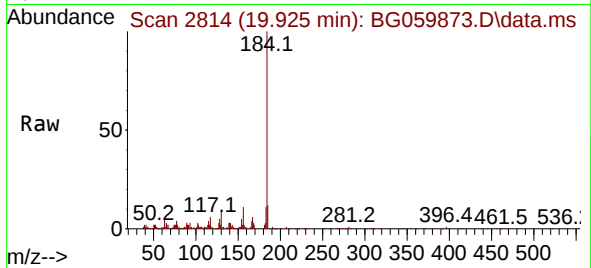
#77
Benzidine
Concen: 30.105 ng m
RT: 19.925 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD

Tgt Ion:184 Resp: 17432
Ion Ratio Lower Upper
184 100
185 11.7 12.2 18.2
183 10.7 8.8 13.2

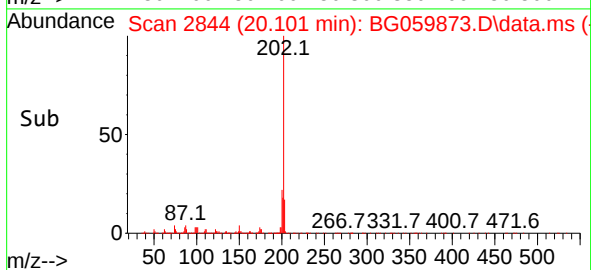
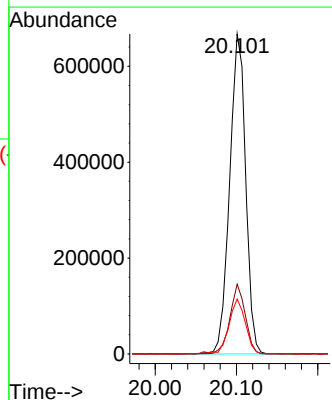
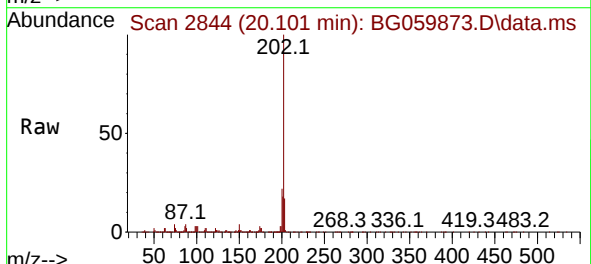
Manual Integrations
APPROVED

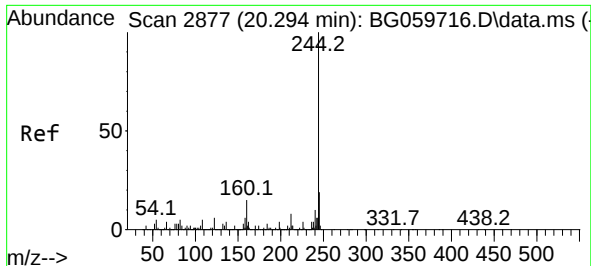
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#78
Pyrene
Concen: 52.520 ng
RT: 20.101 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

Tgt Ion:202 Resp: 912499
Ion Ratio Lower Upper
202 100
200 21.8 16.2 24.4
203 17.1 14.0 21.0





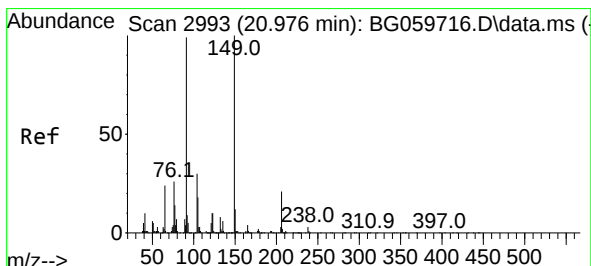
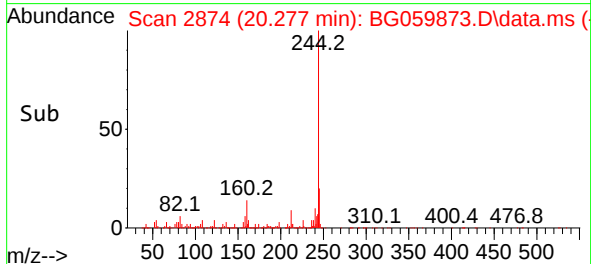
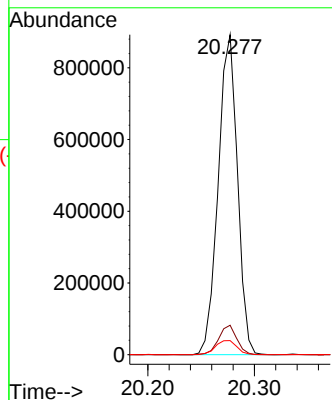
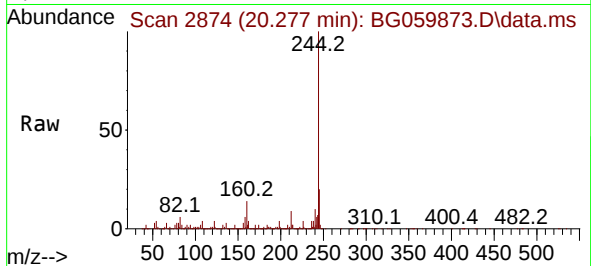
#79
 Terphenyl-d14
 Concen: 64.588 ng
 RT: 20.277 min Scan# 2117
 Delta R.T. -0.006 min
 Lab File: BG059873.D
 Acq: 25 Nov 2023 1:06

Instrument :
 BNA_G
 ClientSampleId :
 710-ELIZABETH-AVEMSD

Tgt Ion:244 Resp: 111723
 Ion Ratio Lower Upper
 244 100
 212 9.2 6.6 10.0
 122 4.4 4.4 6.6

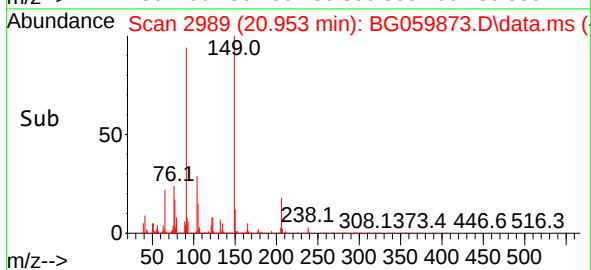
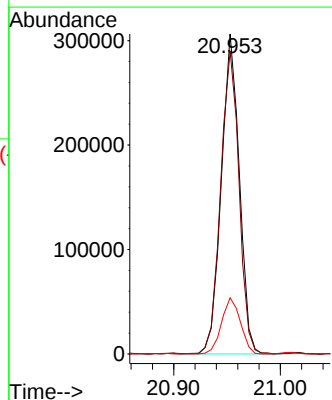
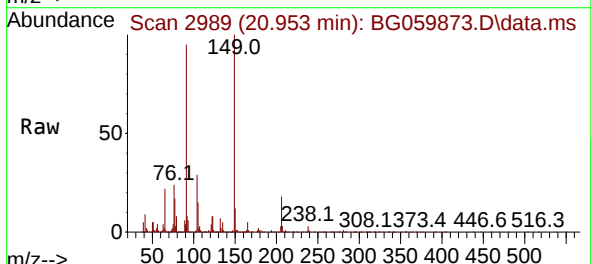
Manual Integrations
 APPROVED

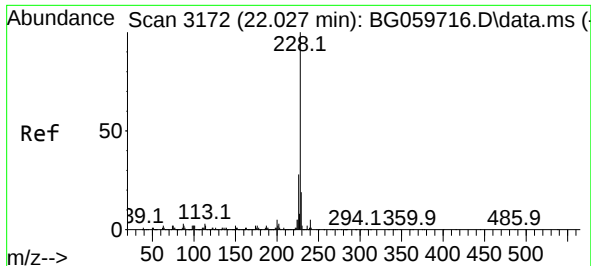
Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023



#80
 Butylbenzylphthalate
 Concen: 50.296 ng
 RT: 20.953 min Scan# 2989
 Delta R.T. -0.006 min
 Lab File: BG059873.D
 Acq: 25 Nov 2023 1:06

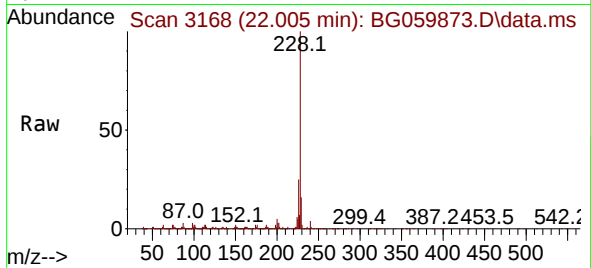
Tgt Ion:149 Resp: 358325
 Ion Ratio Lower Upper
 149 100
 91 94.7 79.6 119.4
 206 17.5 16.9 25.3





#81
Benzo(a)anthracene
Concen: 48.741 ng
RT: 22.005 min Scan# 3172
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

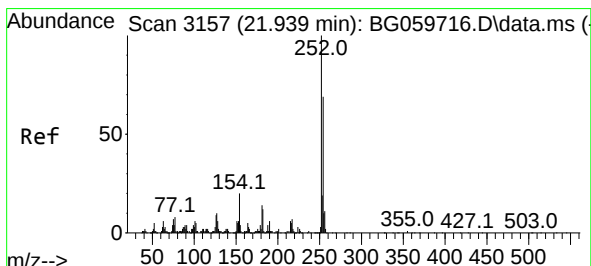
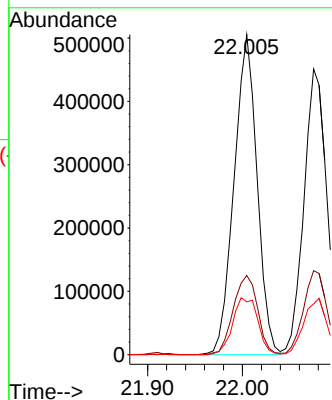
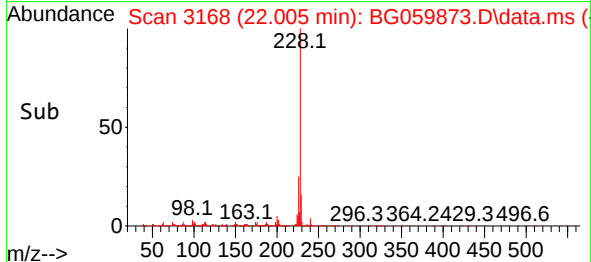
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD



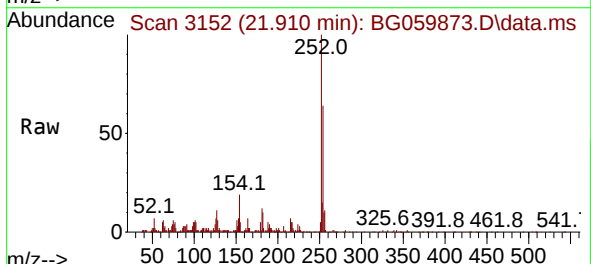
Tgt Ion:228 Resp: 851618
Ion Ratio Lower Upper
228 100
226 24.7 22.1 33.1
229 16.5 14.9 22.3

Manual Integrations
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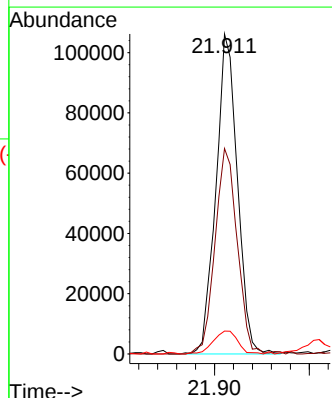
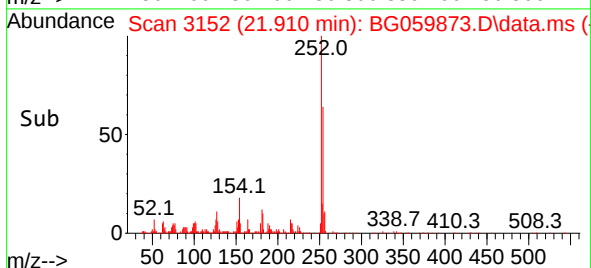
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

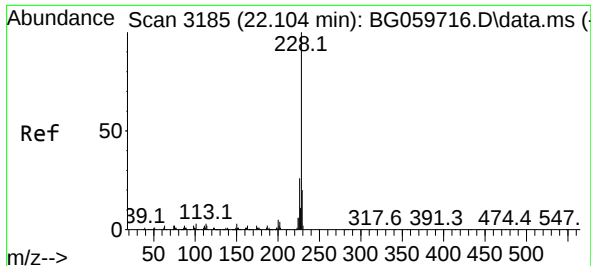


#82
3,3'-Dichlorobenzidine
Concen: 25.647 ng
RT: 21.910 min Scan# 3152
Delta R.T. -0.012 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06



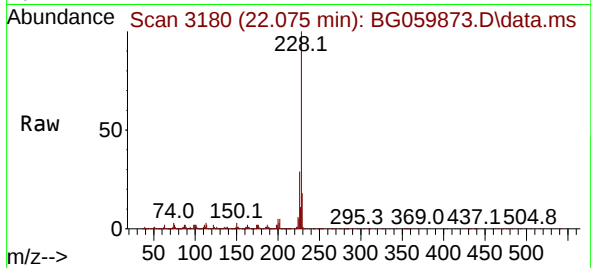
Tgt Ion:252 Resp: 166946
Ion Ratio Lower Upper
252 100
254 64.2 55.2 82.8
126 7.2 7.0 10.6





#83
Chrysene
Concen: 46.960 ng
RT: 22.075 min Scan# 3180
Delta R.T. -0.012 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

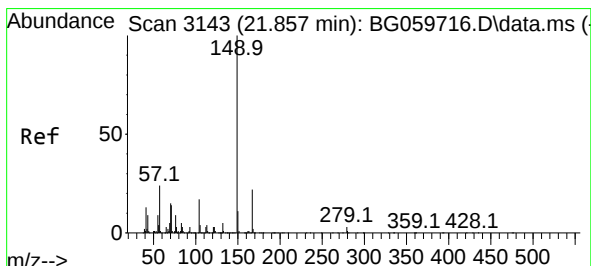
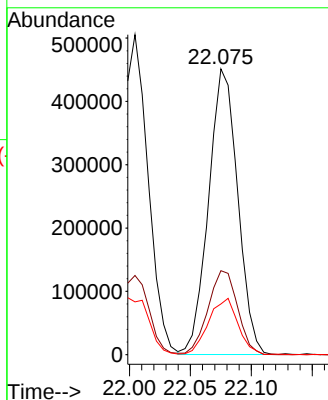
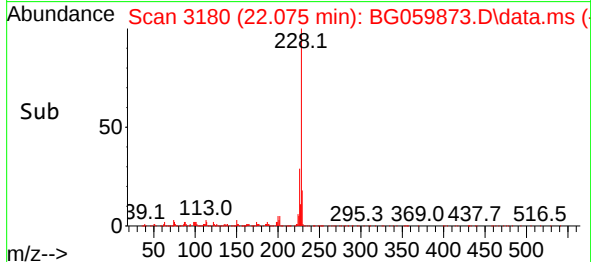
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD



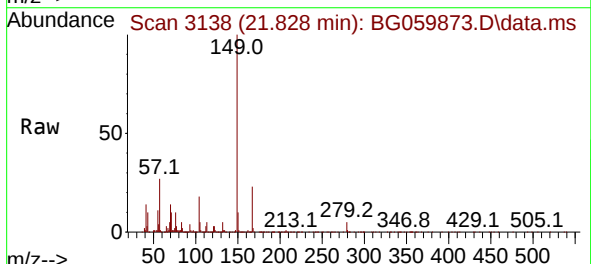
Tgt Ion:228 Resp: 75215
Ion Ratio Lower Upper
228 100
226 29.4 21.1 31.7
229 17.7 16.2 24.4

Manual Integrations
APPROVED

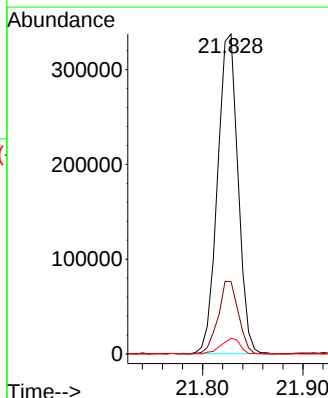
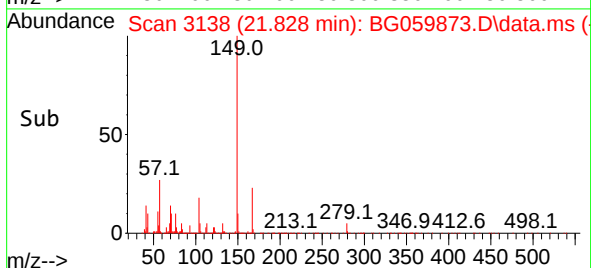
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

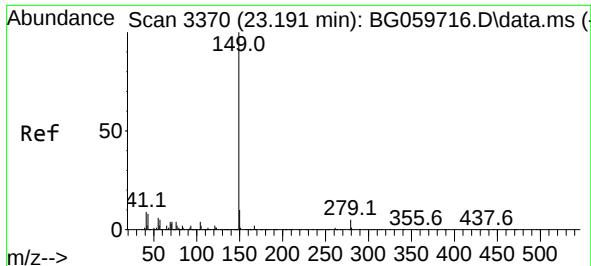


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.843 ng
RT: 21.828 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06



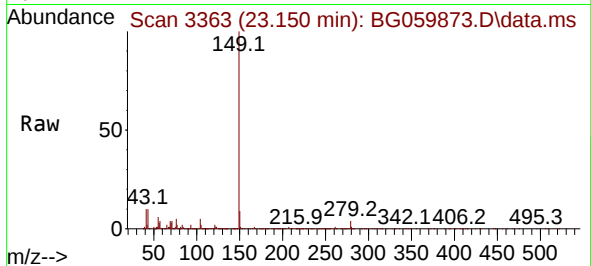
Tgt Ion:149 Resp: 476477
Ion Ratio Lower Upper
149 100
167 22.7 17.6 26.4
279 4.9 2.7 4.1#





#85
Di-n-octyl phthalate
Concen: 40.958 ng
RT: 23.150 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

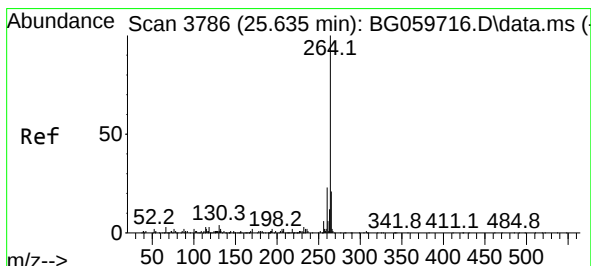
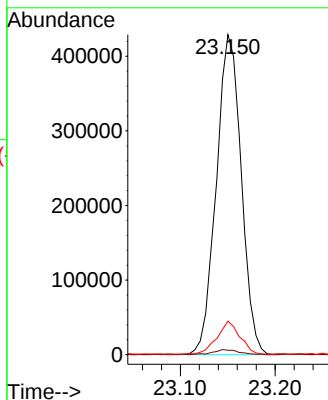
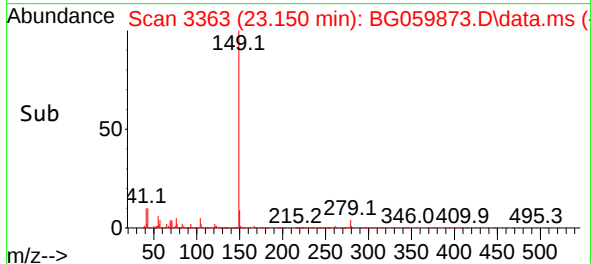
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD



Tgt Ion:149 Resp: 785260
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.6 6.3 9.5

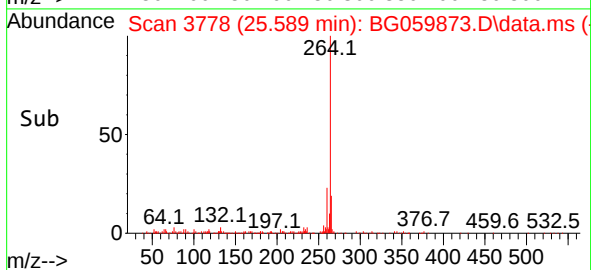
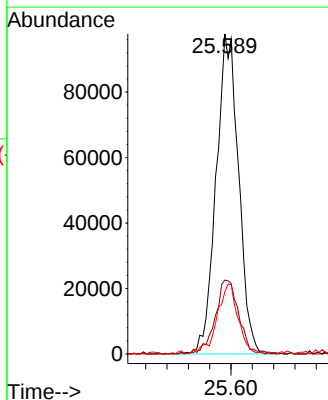
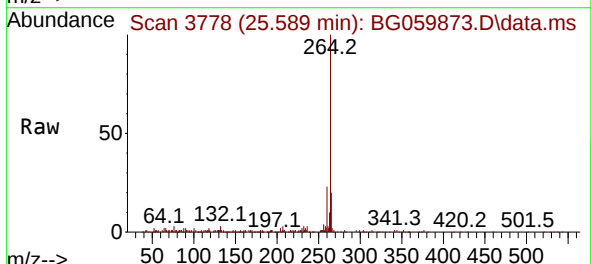
Manual Integrations
APPROVED

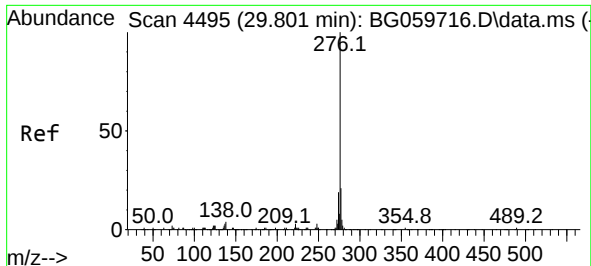
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.589 min Scan# 3778
Delta R.T. -0.023 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

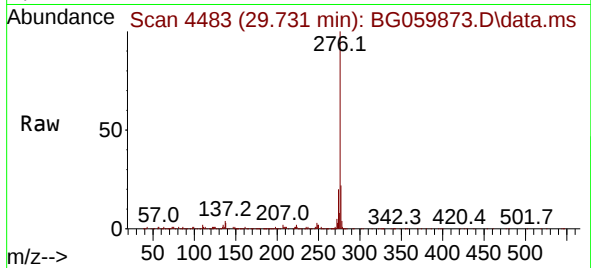
Tgt Ion:264 Resp: 286279
Ion Ratio Lower Upper
264 100
260 23.1 18.5 27.7
265 19.6 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.014 ng
RT: 29.731 min Scan# 4495
Delta R.T. -0.029 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

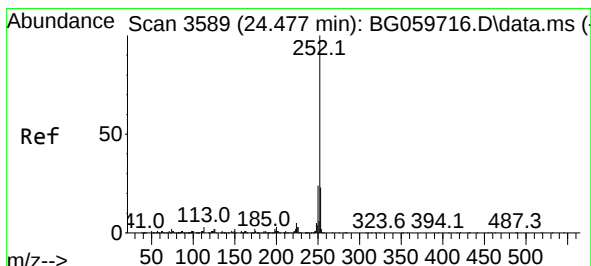
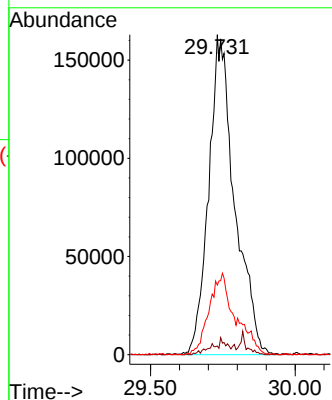
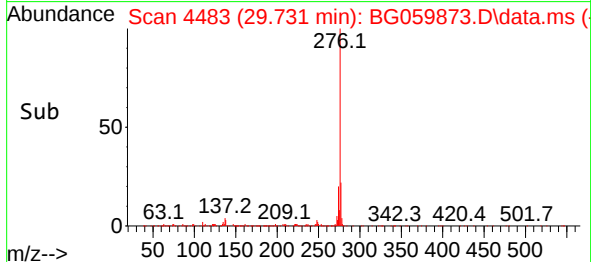
Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD



Tgt Ion:276 Resp: 1018400
Ion Ratio Lower Upper
276 100
138 1.6 1.8 2.6
277 20.2 9.8 14.6

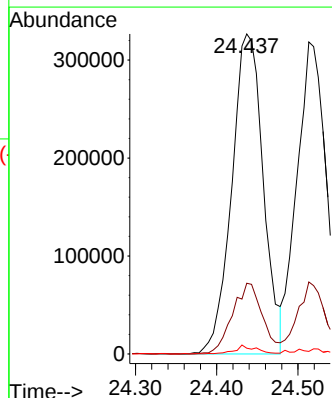
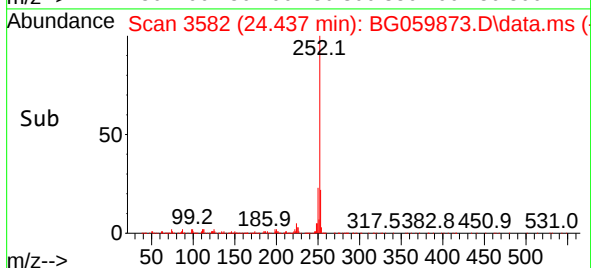
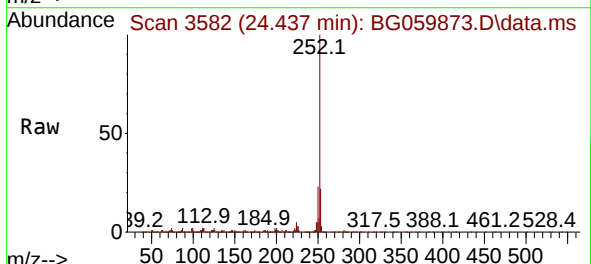
Manual Integrations
APPROVED

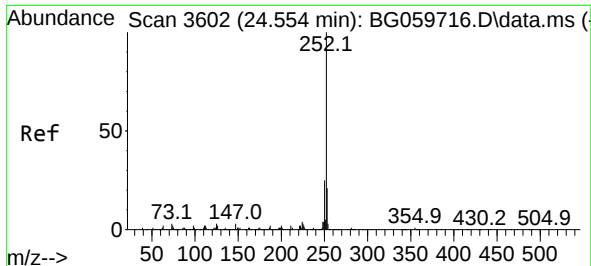
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#88
Benzo(b)fluoranthene
Concen: 56.118 ng
RT: 24.437 min Scan# 3582
Delta R.T. -0.012 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

Tgt Ion:252 Resp: 880527
Ion Ratio Lower Upper
252 100
253 22.1 18.3 27.5
125 1.8 1.4 2.0





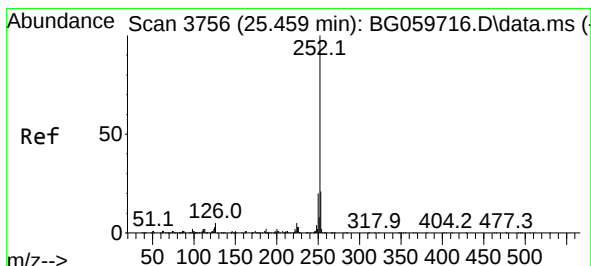
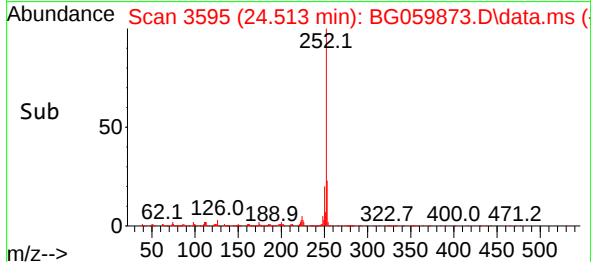
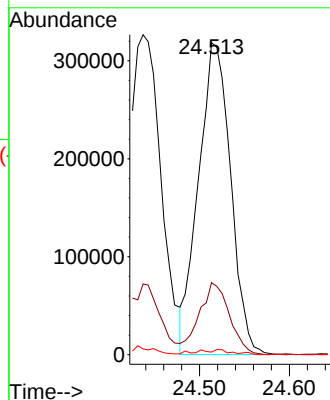
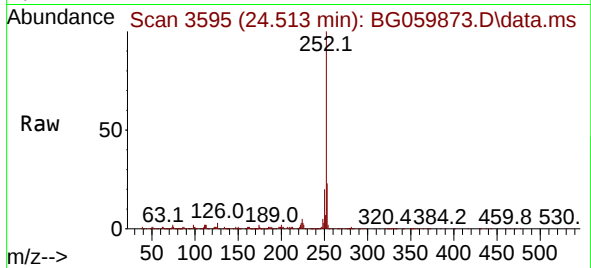
#89
Benzo(k)fluoranthene
Concen: 50.970 ng
RT: 24.513 min Scan# 31
Delta R.T. -0.018 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD

Tgt Ion:252 Resp: 790664
Ion Ratio Lower Upper
252 100
253 23.1 17.1 25.7
125 0.8 2.2 3.2

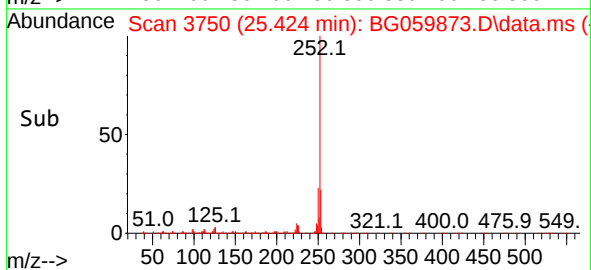
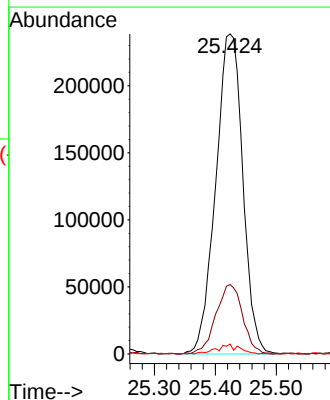
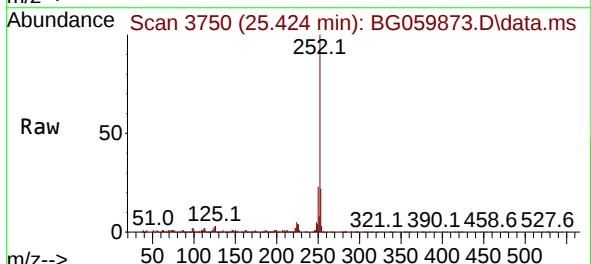
Manual Integrations
APPROVED

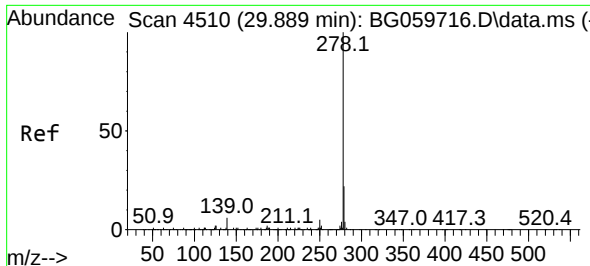
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#90
Benzo(a)pyrene
Concen: 43.960 ng
RT: 25.424 min Scan# 3750
Delta R.T. -0.018 min
Lab File: BG059873.D
Acq: 25 Nov 2023 1:06

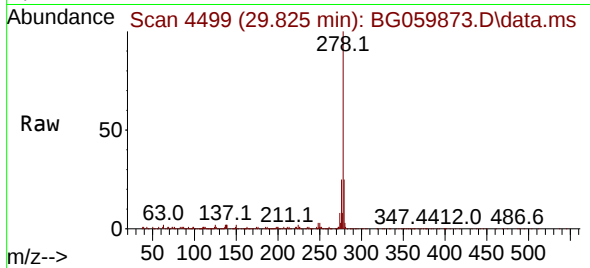
Tgt Ion:252 Resp: 736139
Ion Ratio Lower Upper
252 100
253 21.7 16.8 25.2
125 3.1 2.0 3.0





#91
 Dibenzo(a,h)anthracene
 Concen: 47.064 ng
 RT: 29.825 min Scan# 4499
 Delta R.T. -0.023 min
 Lab File: BG059873.D
 Acq: 25 Nov 2023 1:06

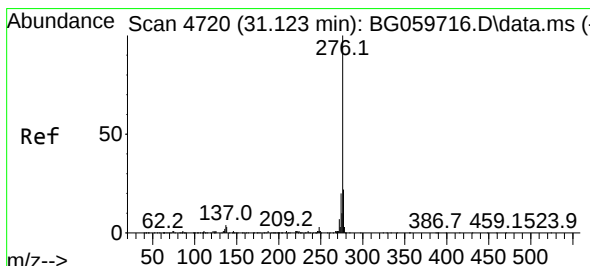
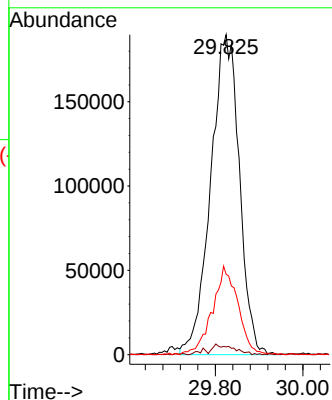
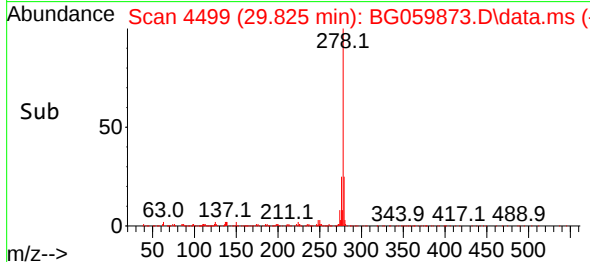
Instrument :
 BNA_G
 ClientSampleId :
 710-ELIZABETH-AVEMSD



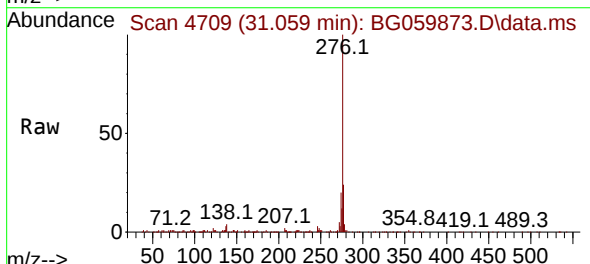
Tgt Ion: 278 Resp: 86252
 Ion Ratio Lower Upper
 278 100
 139 2.4 4.6 7.0
 279 25.1 17.4 26.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023



#92
 Benzo(g,h,i)perylene
 Concen: 45.331 ng
 RT: 31.059 min Scan# 4709
 Delta R.T. -0.035 min
 Lab File: BG059873.D
 Acq: 25 Nov 2023 1:06



Tgt Ion: 276 Resp: 788269
 Ion Ratio Lower Upper
 276 100
 277 23.9 17.3 25.9
 138 4.1 2.6 4.0

