

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080323\
 Data File : BG058597.D
 Acq On : 3 Aug 2023 17:43
 Operator : MA/JU
 Sample : 03742-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

B-P32BMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023

Quant Time: Aug 03 18:22:54 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 28 22:29:07 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	43962	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	191503	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	130354	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	293168	20.000	ng	0.00
76) Chrysene-d12	21.451	240	251167	20.000	ng	0.00
86) Perylene-d12	24.518	264	321015	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	349300	121.444	ng	0.00
7) Phenol-d6	6.985	99	499718	124.860	ng	0.00
23) Nitrobenzene-d5	8.977	82	295148	75.713	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	233059	109.080	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	668599	76.864	ng	0.00
79) Terphenyl-d14	19.823	244	1133792	84.889	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.266	88	61357	44.023	ng	100
3) Pyridine	3.660	79	152332	40.089	ng	97
4) n-Nitrosodimethylamine	3.584	42	80076	49.737	ng	99
6) Aniline	7.138	93	154200	31.294	ng	99
8) 2-Chlorophenol	7.379	128	171834	60.898	ng	98
9) Benzaldehyde	6.950	77	106193	48.837	ng	97
10) Phenol	7.015	94	233999	59.853	ng	99
11) bis(2-Chloroethyl)ether	7.238	93	167659	54.397	ng	99
12) 1,3-Dichlorobenzene	7.702	146	169713	56.327	ng	99
13) 1,4-Dichlorobenzene	7.849	146	170943	56.504	ng	93
14) 1,2-Dichlorobenzene	8.166	146	168069	58.106	ng	97
15) Benzyl Alcohol	8.055	79	158705	62.529	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.343	45	283207	56.566	ng	99
17) 2-Methylphenol	8.260	107	156321	54.685	ng	100
18) Hexachloroethane	8.889	117	64107	58.299	ng	94
19) n-Nitroso-di-n-propyla...	8.619	70	134763	52.130	ng	99
20) 3+4-Methylphenols	8.589	107	217242	56.183	ng	99
22) Acetophenone	8.636	105	265794	51.835	ng	99
24) Nitrobenzene	9.018	77	202301	51.046	ng	97
25) Isophorone	9.535	82	389886	48.406	ng	100
26) 2-Nitrophenol	9.729	139	93511	54.205	ng	98
27) 2,4-Dimethylphenol	9.794	122	147537	51.559	ng	98
28) bis(2-Chloroethoxy)met...	10.023	93	224613	51.243	ng	99
29) 2,4-Dichlorophenol	10.270	162	165799	55.804	ng	99
30) 1,2,4-Trichlorobenzene	10.475	180	187162	54.623	ng	100
31) Naphthalene	10.663	128	527040	52.217	ng	100
32) Benzoic acid	9.958	122	123749	55.826	ng	97
33) 4-Chloroaniline	10.775	127	100887	23.658	ng	99
34) Hexachlorobutadiene	10.945	225	116022	52.580	ng	98
35) Caprolactam	11.562	113	55421m	50.513	ng	
36) 4-Chloro-3-methylphenol	11.915	107	198796	54.089	ng	100
37) 2-Methylnaphthalene	12.279	142	359602	49.807	ng	97
38) 1-Methylnaphthalene	12.497	142	346383	50.470	ng	99
40) 1,2,4,5-Tetrachloroben...	12.649	216	213414	53.327	ng	99
41) Hexachlorocyclopentadiene	12.626	237	141905	76.653	ng	99
43) 2,4,6-Trichlorophenol	12.896	196	150258	54.587	ng	97

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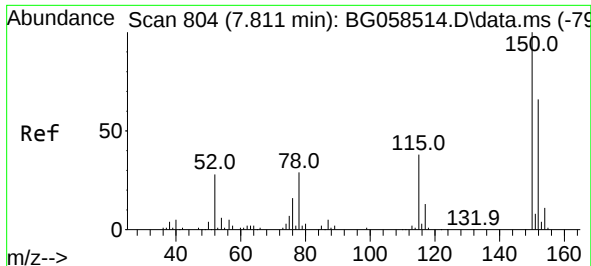
Manual Integrations
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Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

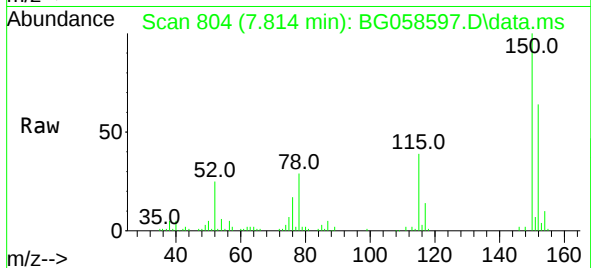
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.973	196	165136	50.934	ng	98
46) 1,1'-Biphenyl	13.296	154	465612	52.012	ng	99
47) 2-Chloronaphthalene	13.337	162	380035	54.446	ng	99
48) 2-Nitroaniline	13.548	65	143044	53.691	ng	99
49) Acenaphthylene	14.183	152	619621	53.022	ng	99
50) Dimethylphthalate	13.918	163	480216	49.052	ng	99
51) 2,6-Dinitrotoluene	14.042	165	111229	51.781	ng	97
52) Acenaphthene	14.530	154	350301	51.878	ng	100
53) 3-Nitroaniline	14.377	138	80954	37.668	ng	99
54) 2,4-Dinitrophenol	14.588	184	95647	79.082	ng	98
55) Dibenzofuran	14.864	168	587451	50.630	ng	99
56) 4-Nitrophenol	14.694	139	167034	103.853	ng	98
57) 2,4-Dinitrotoluene	14.835	165	155014	52.052	ng	99
58) Fluorene	15.511	166	465077	50.456	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.094	232	142380	51.464	ng	99
60) Diethylphthalate	15.282	149	489666	49.097	ng	100
61) 4-Chlorophenyl-phenyle...	15.499	204	258452	50.294	ng	99
62) 4-Nitroaniline	15.540	138	106086	52.108	ng	95
63) Azobenzene	15.793	77	490626	49.944	ng	99
65) 4,6-Dinitro-2-methylph...	15.599	198	78838	48.771	ng	99
66) n-Nitrosodiphenylamine	15.722	169	404759	53.046	ng	98
67) 4-Bromophenyl-phenylether	16.398	248	174872	52.591	ng	100
68) Hexachlorobenzene	16.515	284	197172	55.959	ng	98
69) Atrazine	16.668	200	163042	63.297	ng	99
70) Pentachlorophenol	16.862	266	200761	94.134	ng	99
71) Phenanthrene	17.250	178	734775	52.849	ng	100
72) Anthracene	17.338	178	750644	52.618	ng	99
73) Carbazole	17.614	167	689556	54.813	ng	99
74) Di-n-butylphthalate	18.166	149	859342	54.537	ng	100
75) Fluoranthene	19.265	202	882607	52.848	ng	99
77) Benzidine	19.447	184	280083	73.538	ng	98
78) Pyrene	19.629	202	904687	52.926	ng	100
80) Butylbenzylphthalate	20.511	149	389837	55.523	ng	99
81) Benzo(a)anthracene	21.433	228	929671	53.785	ng	100
82) 3,3'-Dichlorobenzidine	21.351	252	257474	44.056	ng	98
83) Chrysene	21.492	228	857378	51.734	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	561624	54.737	ng	98
85) Di-n-octyl phthalate	22.485	149	995172	55.168	ng	100
87) Indeno(1,2,3-cd)pyrene	28.020	276	1150081	53.853	ng	100
88) Benzo(b)fluoranthene	23.548	252	981015	56.344	ng	100
89) Benzo(k)fluoranthene	23.613	252	942244	53.870	ng	100
90) Benzo(a)pyrene	24.377	252	876042	51.234	ng	98
91) Dibenzo(a,h)anthracene	28.072	278	958455	54.277	ng	99
92) Benzo(g,h,i)perylene	29.112	276	899316	50.788	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.814 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

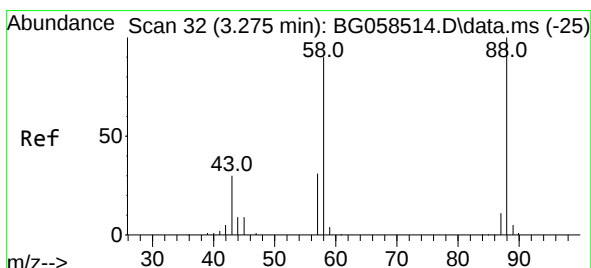
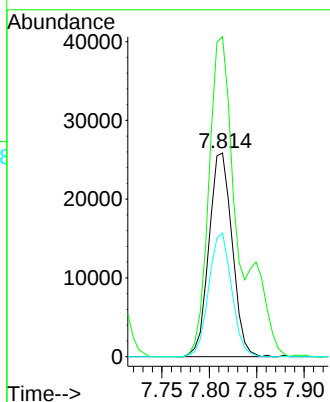
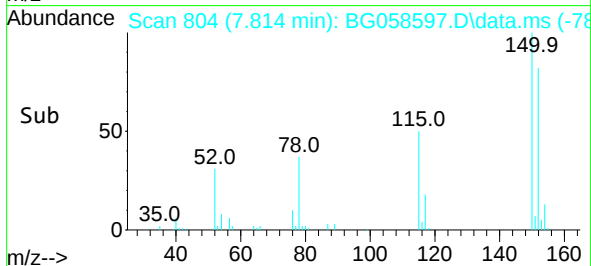
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



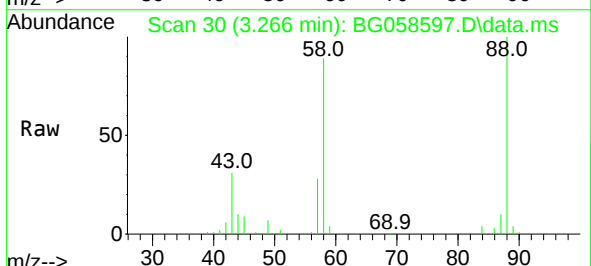
Tgt Ion:152 Resp: 43962
Ion Ratio Lower Upper
152 100
150 157.2 120.5 180.7
115 60.7 45.9 68.9

Manual Integrations
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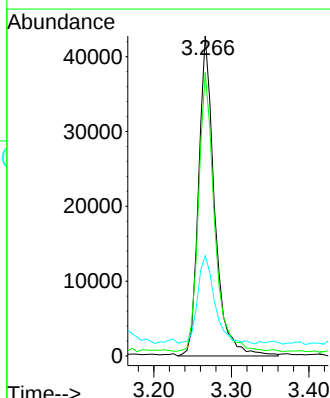
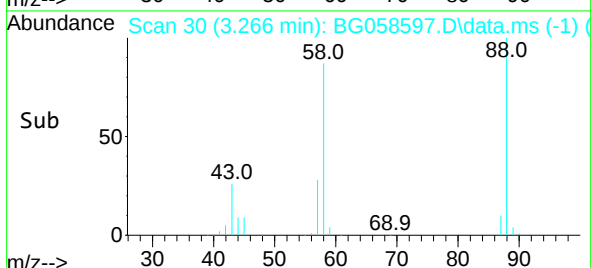
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

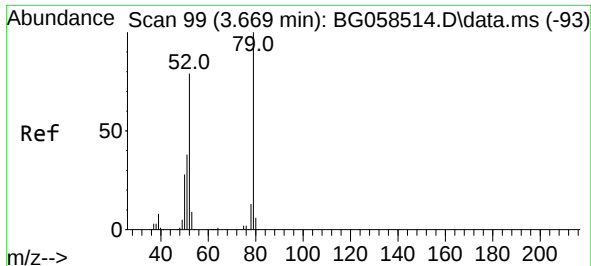


#2
1,4-Dioxane
Concen: 44.023 ng
RT: 3.266 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43



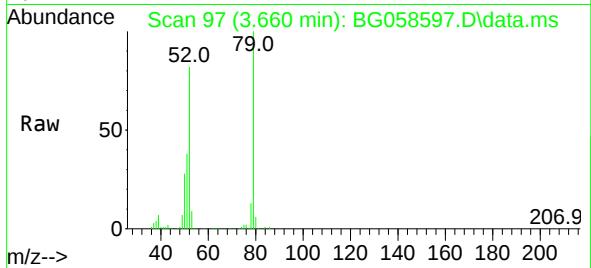
Tgt Ion: 88 Resp: 61357
Ion Ratio Lower Upper
88 100
58 86.2 68.9 103.3
43 29.4 22.9 34.3





#3
Pyridine
Concen: 40.089 ng
RT: 3.660 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

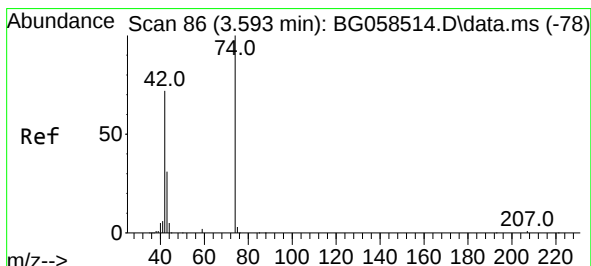
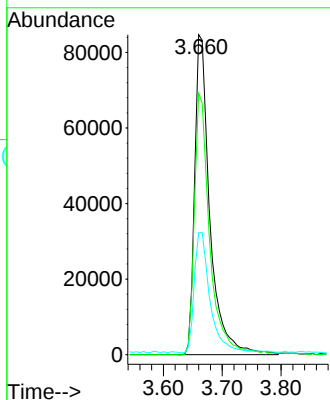
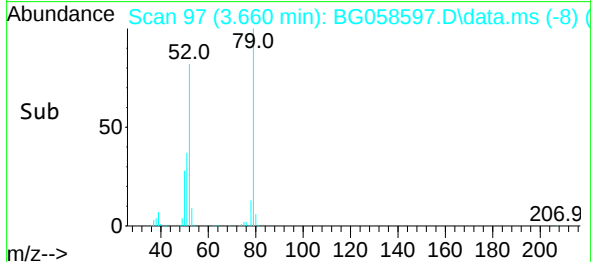
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



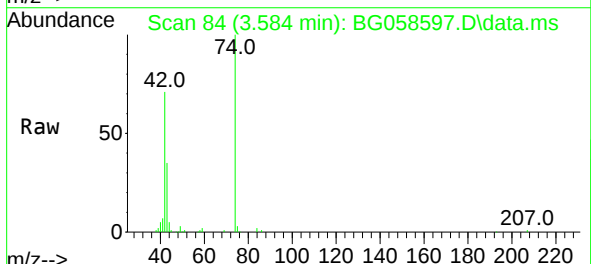
Tgt Ion: 79 Resp: 15233
Ion Ratio Lower Upper
79 100
52 81.7 63.2 94.8
51 38.1 31.9 47.9

Manual Integrations
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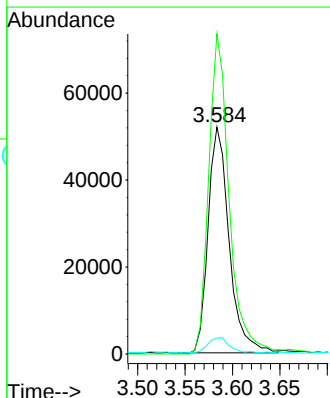
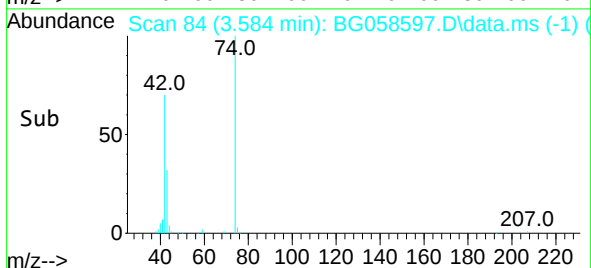
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

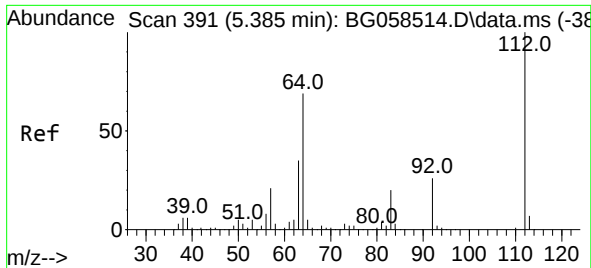


#4
n-Nitrosodimethylamine
Concen: 49.737 ng
RT: 3.584 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43



Tgt Ion: 42 Resp: 80076
Ion Ratio Lower Upper
42 100
74 141.1 111.5 167.3
44 7.0 5.4 8.2





#5
2-Fluorophenol
Concen: 121.444 ng
RT: 5.387 min Scan# 349
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

Instrument :

BNA_G

ClientSampleId :

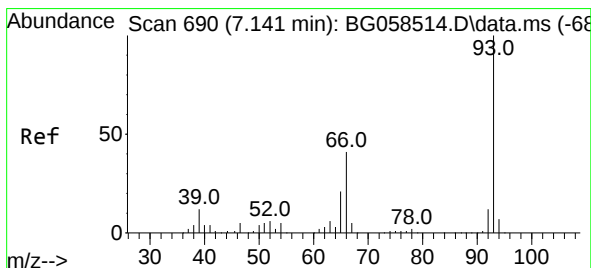
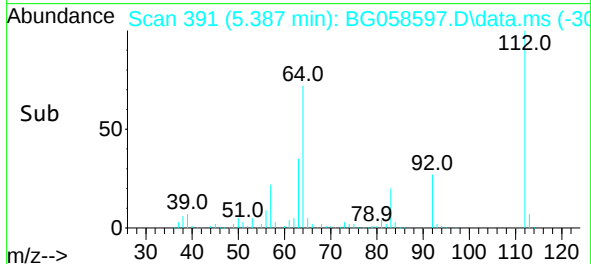
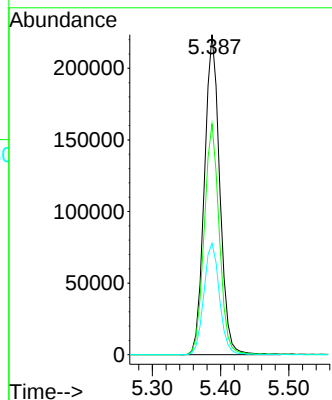
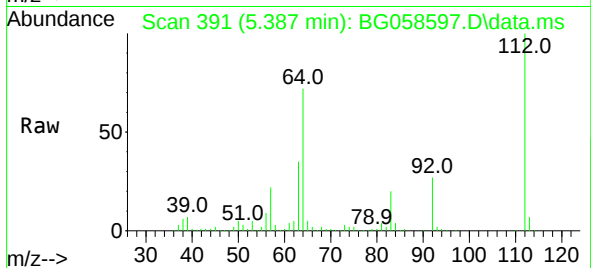
B-P32BMS

Tgt Ion:112 Resp: 349300
Ion Ratio Lower Upper
112 100
64 72.1 55.3 82.9
63 34.8 28.3 42.5

Manual Integrations

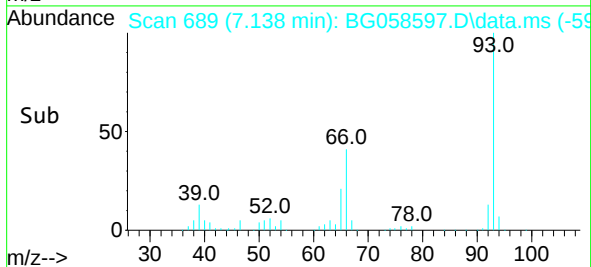
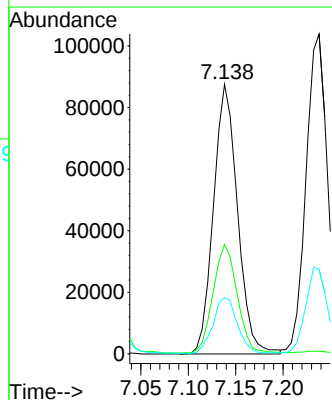
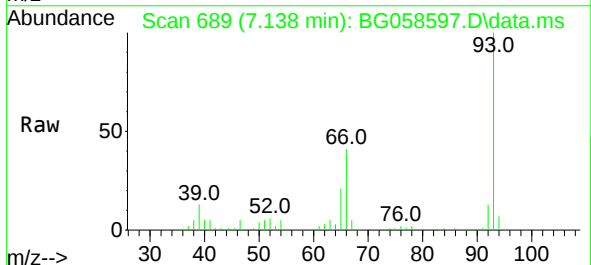
APPROVED

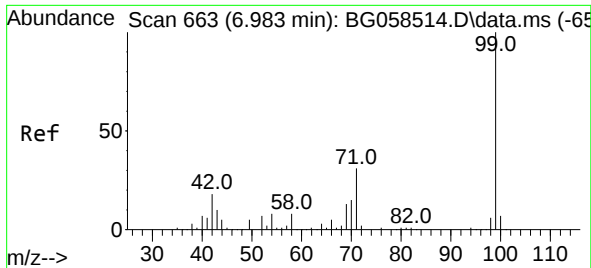
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#6
Aniline
Concen: 31.294 ng
RT: 7.138 min Scan# 689
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

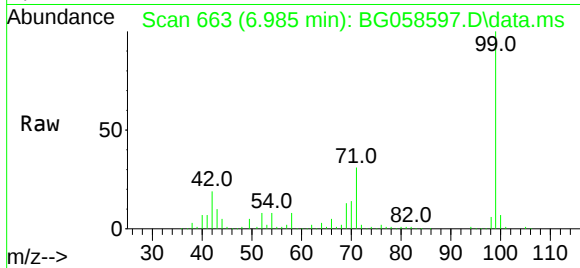
Tgt Ion: 93 Resp: 154200
Ion Ratio Lower Upper
93 100
66 40.7 33.1 49.7
65 20.9 17.0 25.4





#7
Phenol-d6
Concen: 124.860 ng
RT: 6.985 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

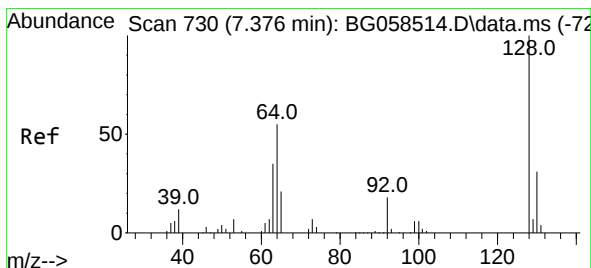
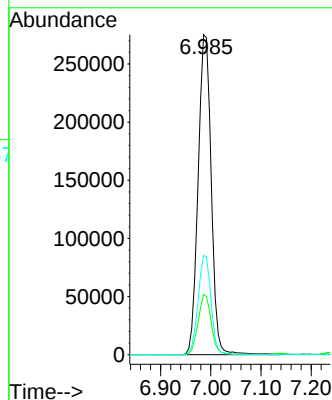
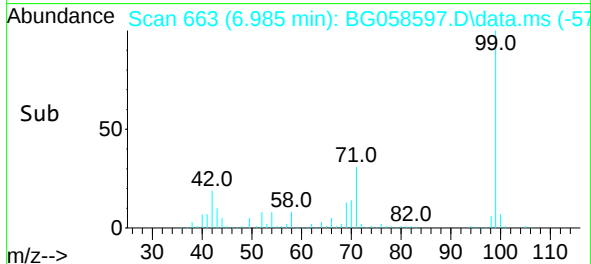
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



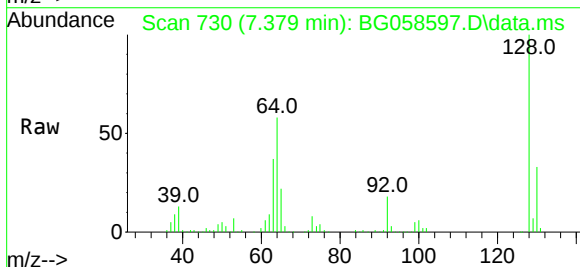
Tgt Ion: 99 Resp: 499718
Ion Ratio Lower Upper
99 100
42 18.8 14.6 21.8
71 31.0 25.0 37.4

Manual Integrations
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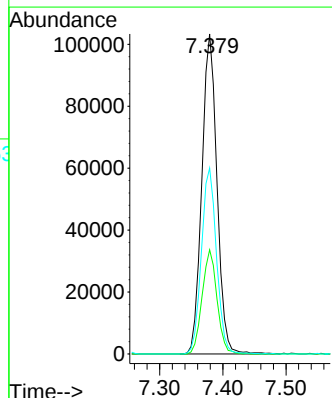
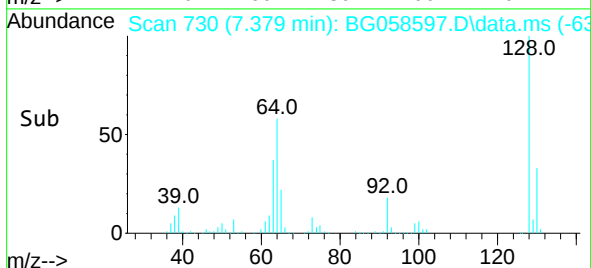
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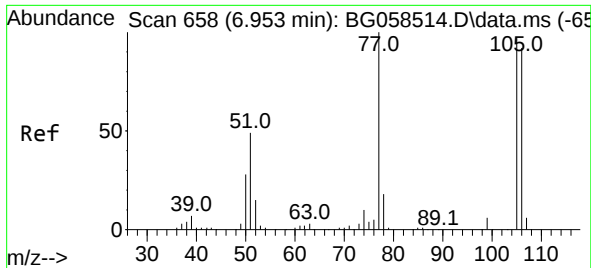


#8
2-Chlorophenol
Concen: 60.898 ng
RT: 7.379 min Scan# 730
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43



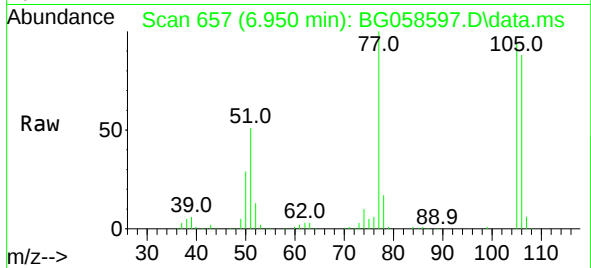
Tgt Ion:128 Resp: 171834
Ion Ratio Lower Upper
128 100
130 32.6 10.9 50.9
64 58.1 39.0 79.0





#9
Benzaldehyde
Concen: 48.837 ng
RT: 6.950 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

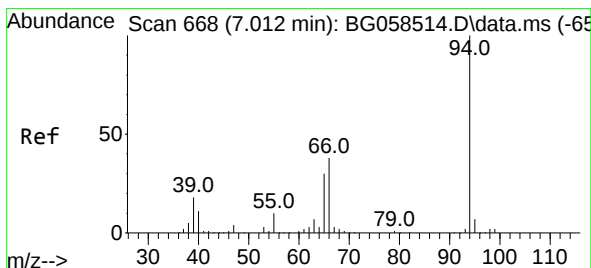
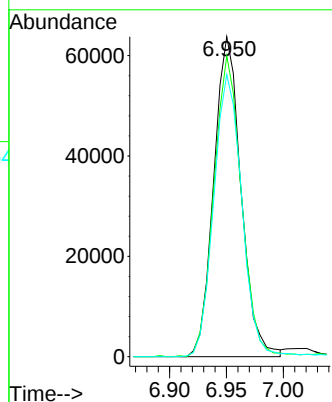
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



Tgt Ion: 77 Resp: 10619
Ion Ratio Lower Upper
77 100
105 94.0 77.1 117.1
106 88.1 71.6 111.6

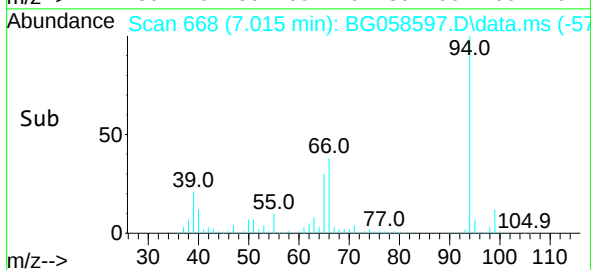
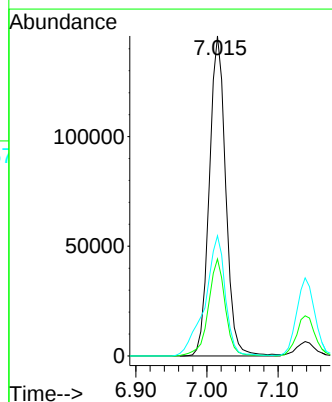
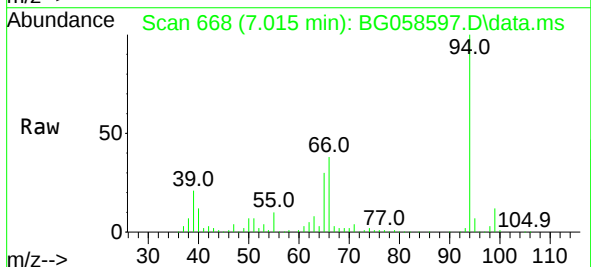
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#10
Phenol
Concen: 59.853 ng
RT: 7.015 min Scan# 668
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

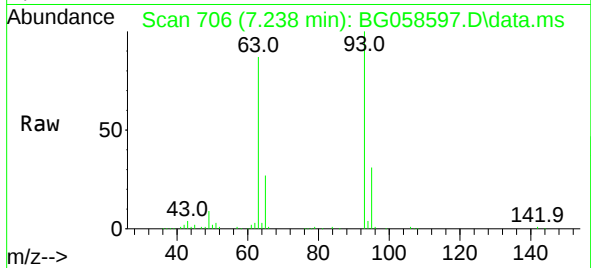
Tgt Ion: 94 Resp: 233999
Ion Ratio Lower Upper
94 100
65 30.3 10.4 50.4
66 37.5 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 54.397 ng
RT: 7.238 min Scan# 706
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

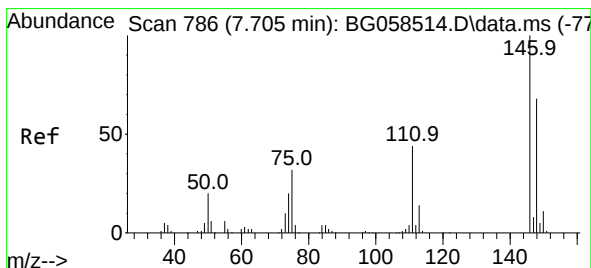
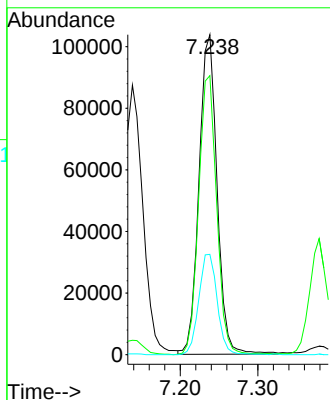
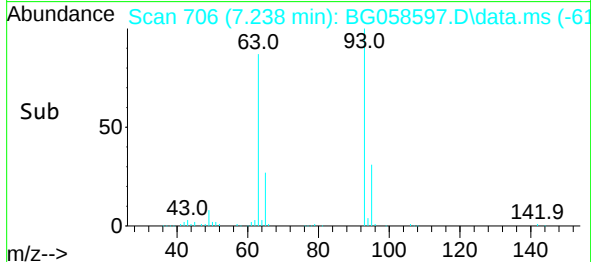
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



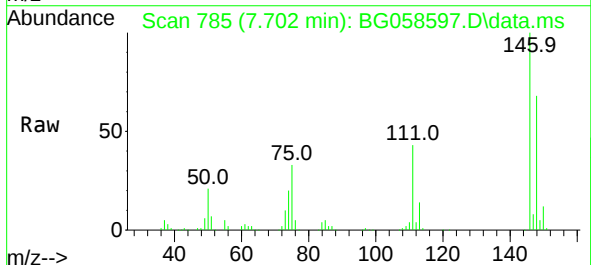
Tgt Ion: 93 Resp: 167659
Ion Ratio Lower Upper
93 100
63 87.2 65.5 105.5
95 31.4 11.2 51.2

Manual Integrations
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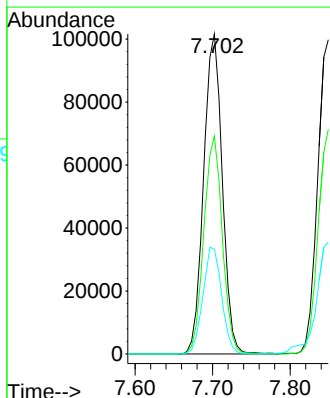
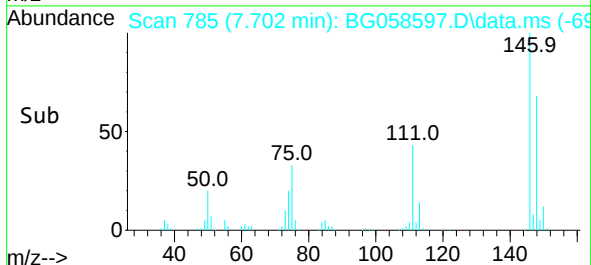
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#12
1,3-Dichlorobenzene
Concen: 56.327 ng
RT: 7.702 min Scan# 785
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43



Tgt Ion:146 Resp: 169713
Ion Ratio Lower Upper
146 100
148 68.1 54.7 82.1
75 32.8 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 56.504 ng

RT: 7.849 min Scan# 811

Delta R.T. -0.003 min

Lab File: BG058597.D

Acq: 3 Aug 2023 17:43

Instrument :

BNA_G

ClientSampleId :

B-P32BMS

Tgt Ion:146 Resp: 17094

Ion Ratio Lower Upper

146 100

148 71.5 52.8 79.2

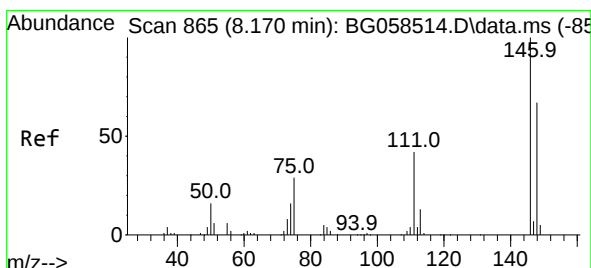
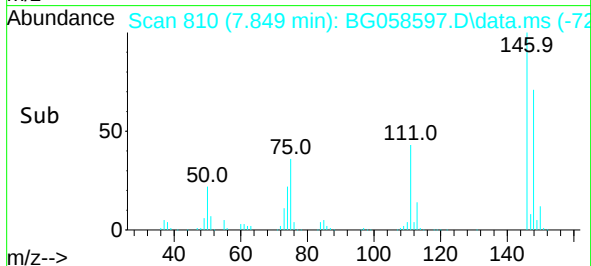
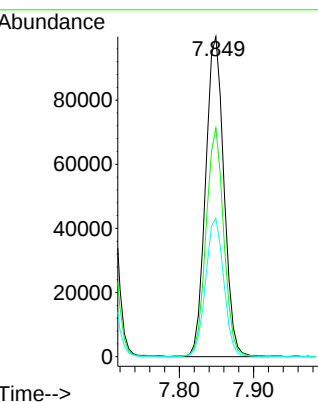
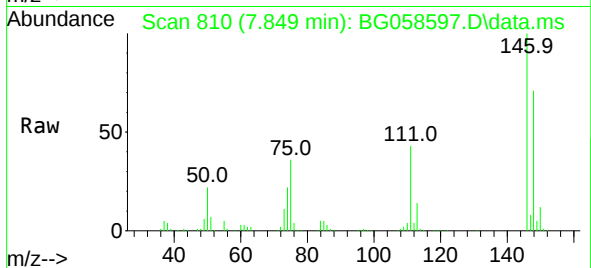
111 43.2 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#14

1,2-Dichlorobenzene

Concen: 58.106 ng

RT: 8.166 min Scan# 864

Delta R.T. -0.003 min

Lab File: BG058597.D

Acq: 3 Aug 2023 17:43

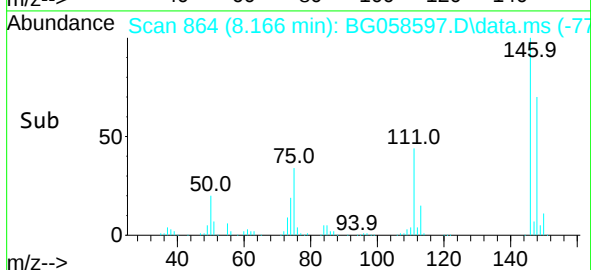
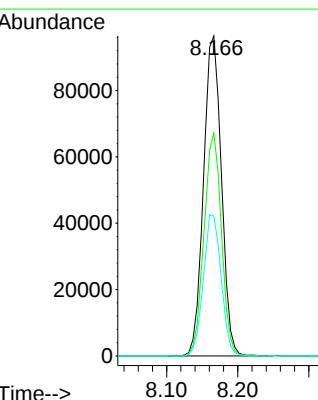
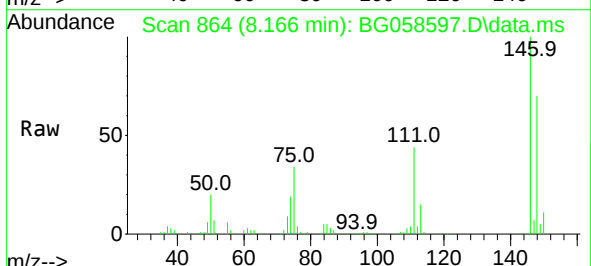
Tgt Ion:146 Resp: 168069

Ion Ratio Lower Upper

146 100

148 69.8 53.4 80.2

111 43.8 34.2 51.2





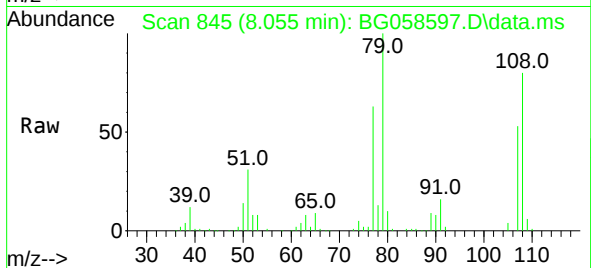
#15
Benzyl Alcohol
Concen: 62.529 ng
RT: 8.055 min Scan# 846
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

Instrument :

BNA_G

ClientSampleId :

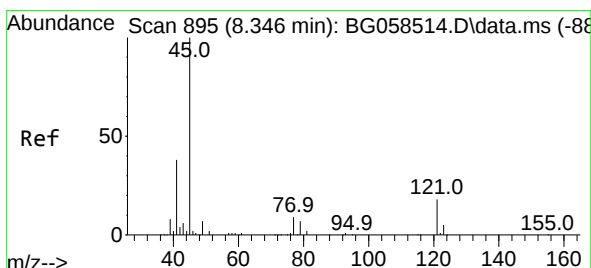
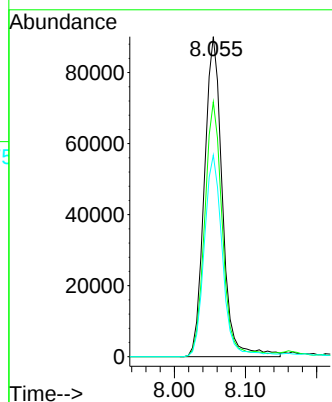
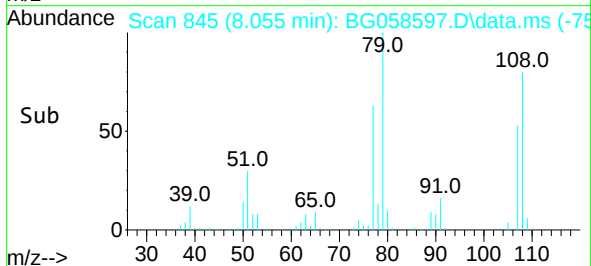
B-P32BMS



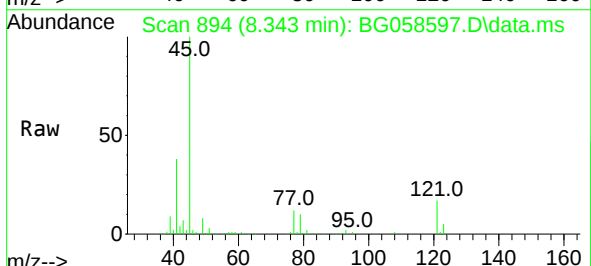
Tgt Ion: 79 Resp: 15870
Ion Ratio Lower Upper
79 100
108 79.6 63.8 95.6
77 63.0 49.8 74.6

Manual Integrations
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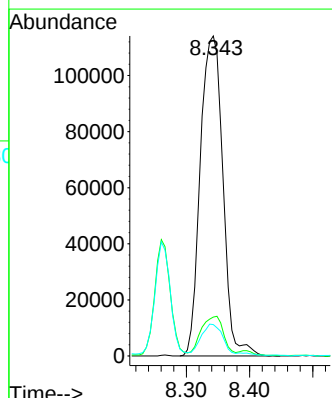
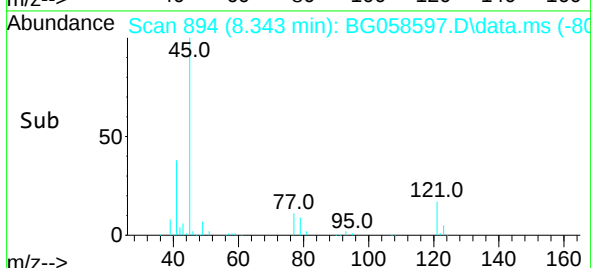
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.566 ng
RT: 8.343 min Scan# 894
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43



Tgt Ion: 45 Resp: 283207
Ion Ratio Lower Upper
45 100
77 12.2 0.0 32.6
79 9.8 0.0 30.2





#17

2-Methylphenol

Concen: 54.685 ng

RT: 8.260 min Scan# 80

Delta R.T. 0.003 min

Lab File: BG058597.D

Acq: 3 Aug 2023 17:43

Instrument :

BNA_G

ClientSampleId :

B-P32BMS

Tgt Ion:107 Resp: 15632

Ion Ratio Lower Upper

107 100

108 111.4 89.1 133.7

77 45.3 36.2 54.4

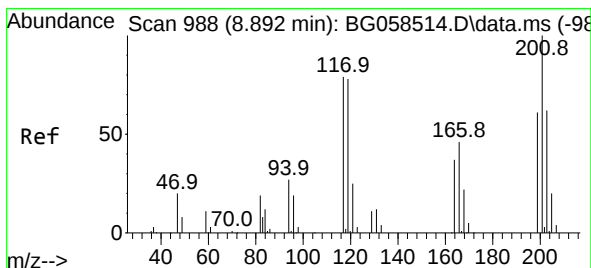
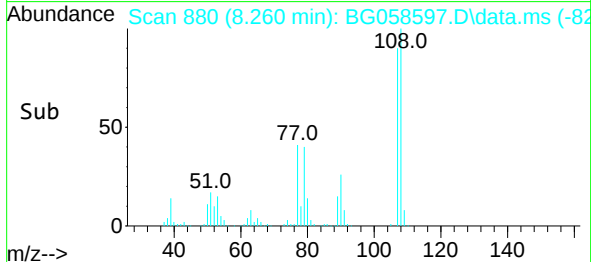
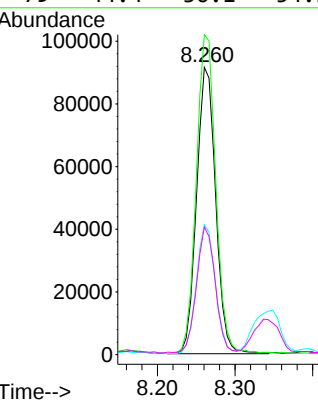
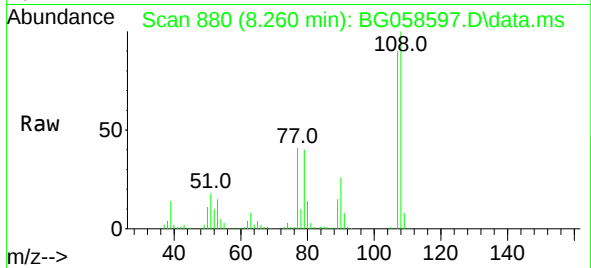
79 44.4 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#18

Hexachloroethane

Concen: 58.299 ng

RT: 8.889 min Scan# 987

Delta R.T. -0.003 min

Lab File: BG058597.D

Acq: 3 Aug 2023 17:43

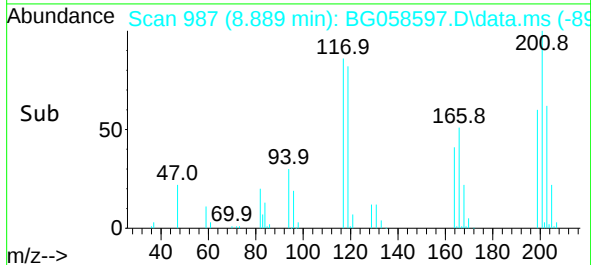
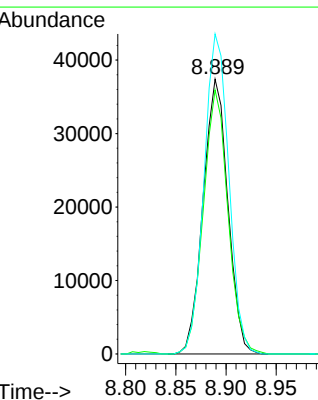
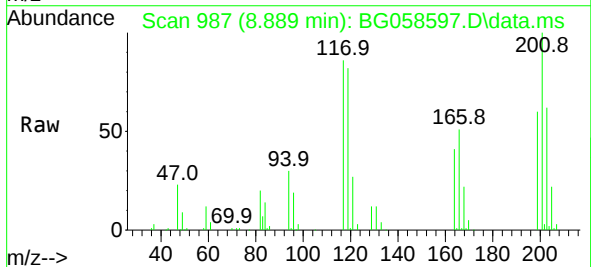
Tgt Ion:117 Resp: 64107

Ion Ratio Lower Upper

117 100

119 96.1 78.6 117.8

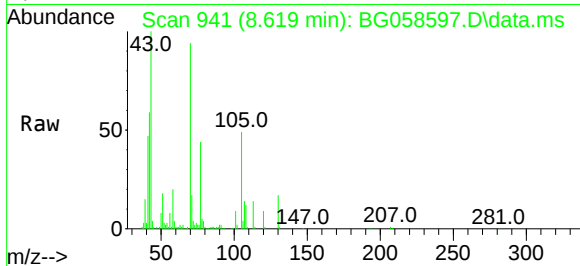
201 116.5 101.4 152.0





#19
n-Nitroso-di-n-propylamine
Concen: 52.130 ng
RT: 8.619 min Scan# 941
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

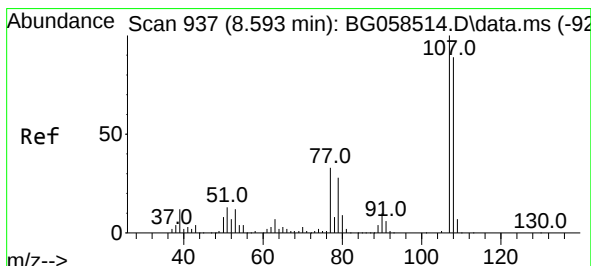
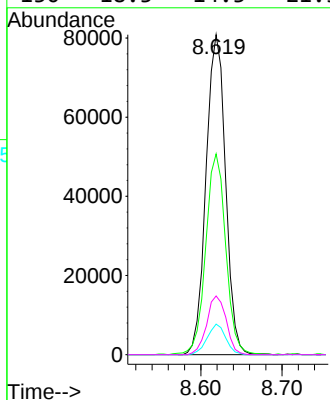
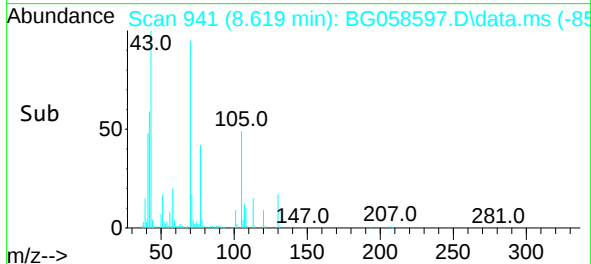
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



Tgt Ion: 70 Resp: 13476
Ion Ratio Lower Upper
70 100
42 62.8 49.7 74.5
101 9.6 7.0 10.4
130 18.3 14.3 21.5

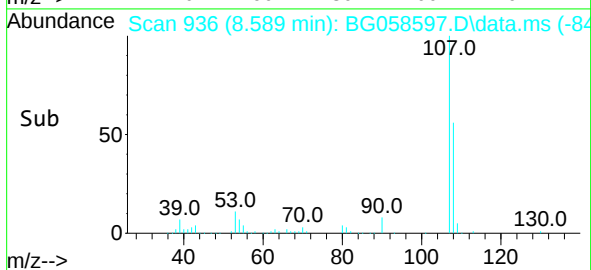
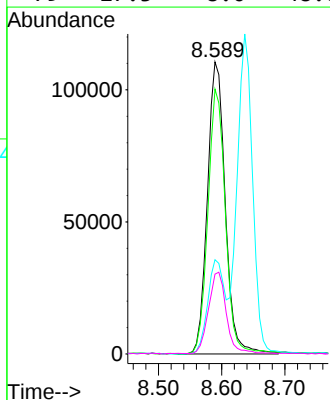
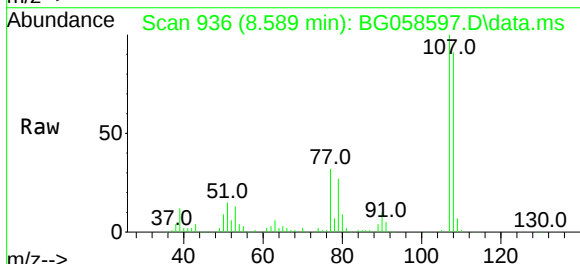
Manual Integrations
APPROVED

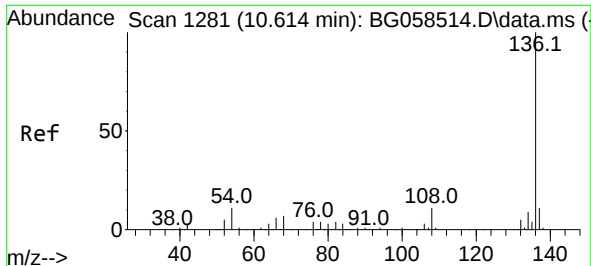
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#20
3+4-Methylphenols
Concen: 56.183 ng
RT: 8.589 min Scan# 936
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

Tgt Ion:107 Resp: 217242
Ion Ratio Lower Upper
107 100
108 90.7 69.4 109.4
77 32.3 13.0 53.0
79 27.3 8.0 48.0





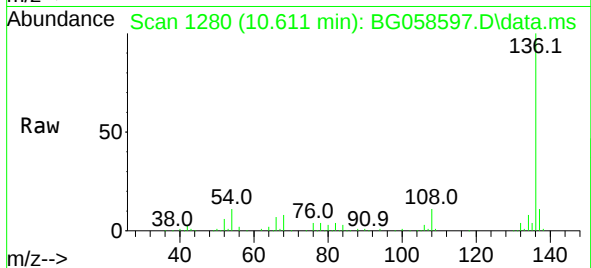
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 1280
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

Instrument :

BNA_G

ClientSampleId :

B-P32BMS

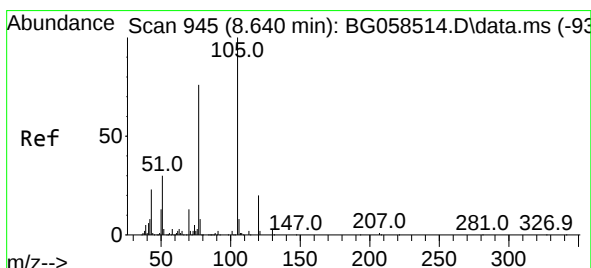
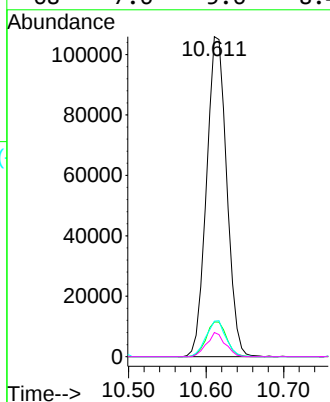
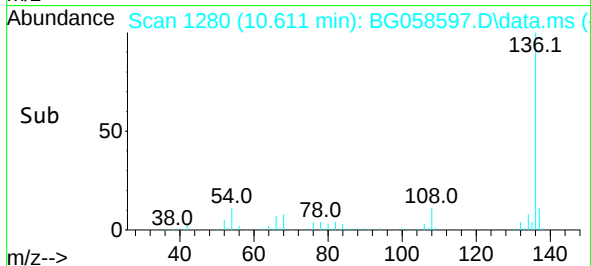


Tgt Ion:136 Resp: 191500
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 11.1 8.9 13.3
68 7.6 5.6 8.4

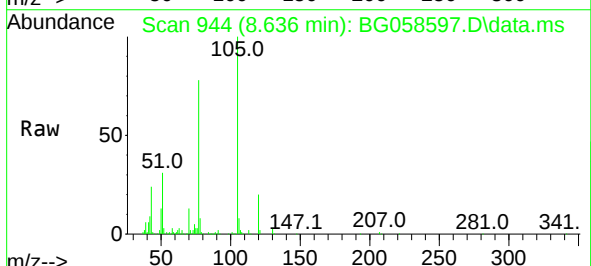
Manual Integrations

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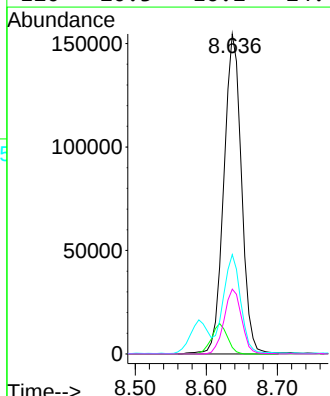
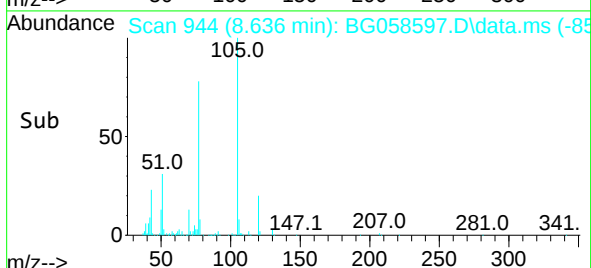
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#22
Acetophenone
Concen: 51.835 ng
RT: 8.636 min Scan# 944
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43



Tgt Ion:105 Resp: 265794
Ion Ratio Lower Upper
105 100
71 2.1 1.8 2.6
51 31.0 24.2 36.2
120 20.3 16.2 24.4





#23
Nitrobenzene-d5
Concen: 75.713 ng
RT: 8.977 min Scan# 1000
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

Instrument :

BNA_G

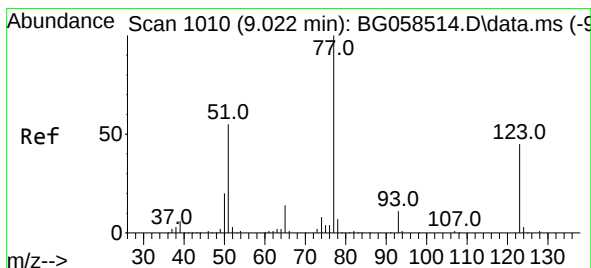
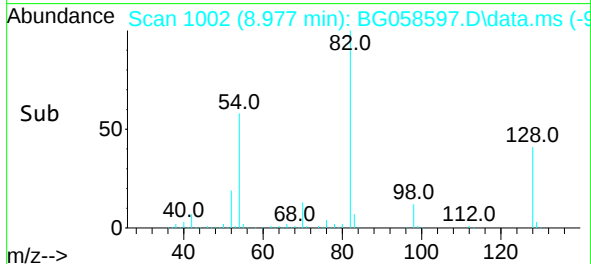
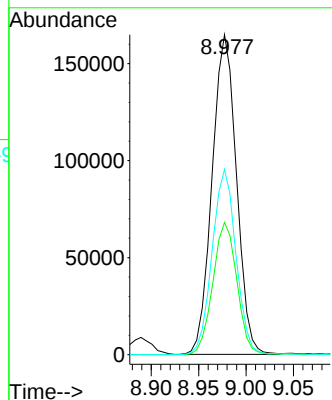
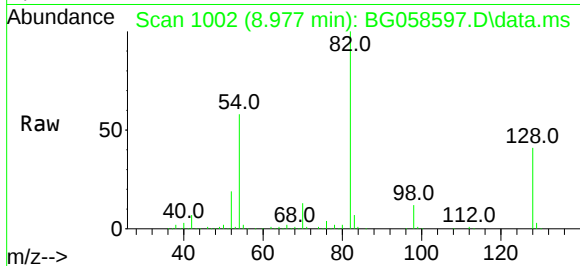
ClientSampleId :

B-P32BMS

Tgt Ion: 82 Resp: 295148
Ion Ratio Lower Upper
82 100
128 41.4 32.2 48.2
54 58.0 46.0 69.0

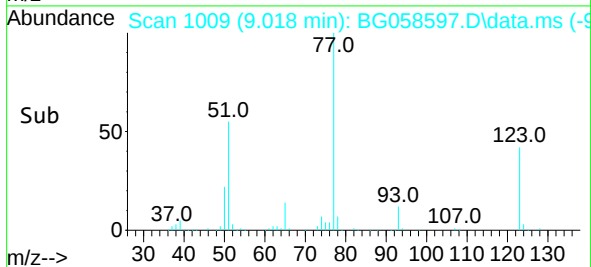
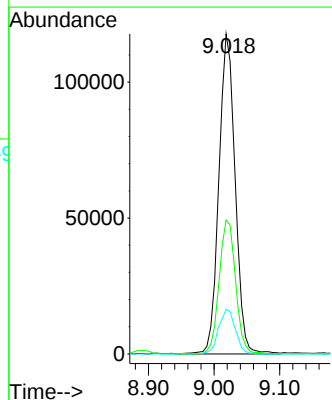
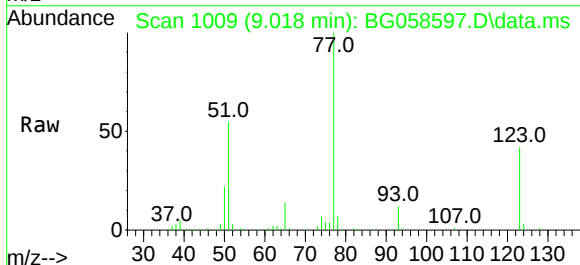
Manual Integrations
APPROVED

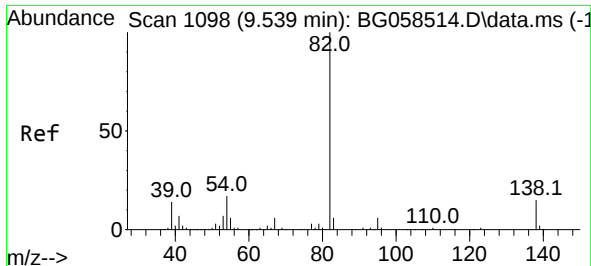
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#24
Nitrobenzene
Concen: 51.046 ng
RT: 9.018 min Scan# 1009
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

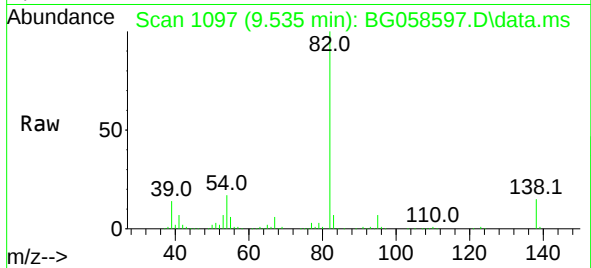
Tgt Ion: 77 Resp: 202301
Ion Ratio Lower Upper
77 100
123 41.9 35.6 53.4
65 13.9 11.4 17.0





#25
Isophorone
Concen: 48.406 ng
RT: 9.535 min Scan# 1109
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

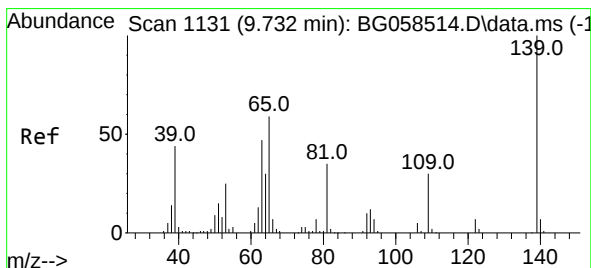
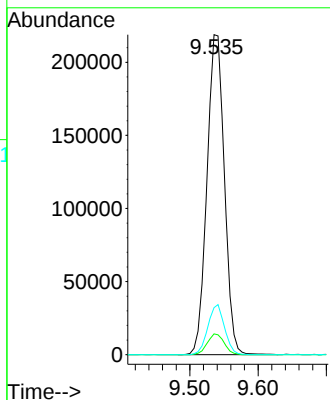
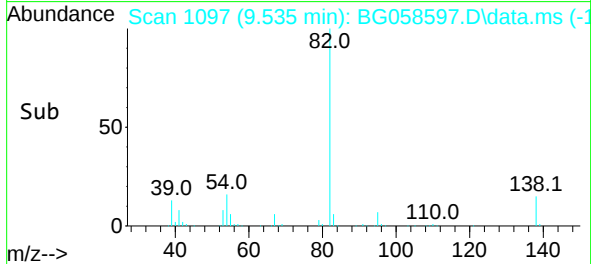
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



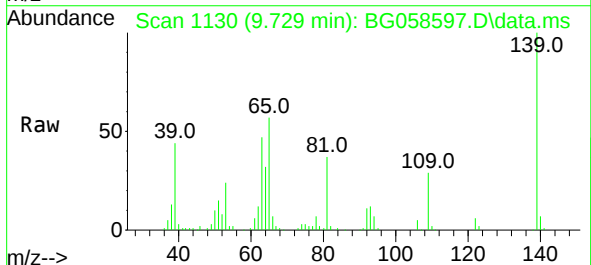
Tgt Ion: 82 Resp: 389880
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 14.7 11.9 17.9

Manual Integrations
APPROVED

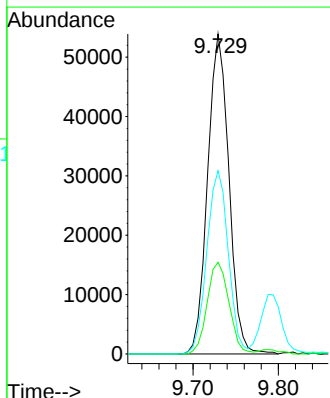
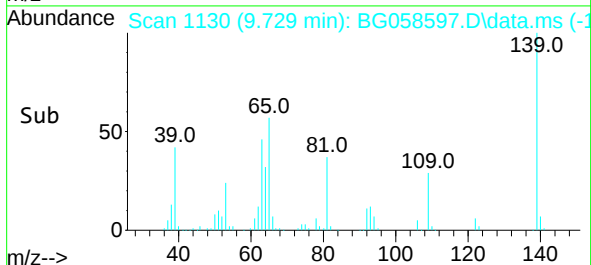
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

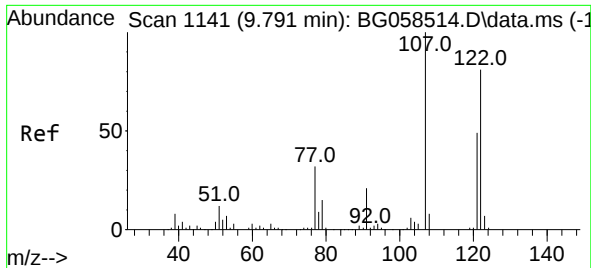


#26
2-Nitrophenol
Concen: 54.205 ng
RT: 9.729 min Scan# 1130
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43



Tgt Ion:139 Resp: 93511
Ion Ratio Lower Upper
139 100
109 28.6 24.2 36.2
65 57.3 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 51.559 ng

RT: 9.794 min Scan# 1141

Delta R.T. 0.003 min

Lab File: BG058597.D

Acq: 3 Aug 2023 17:43

Instrument :

BNA_G

ClientSampleId :

B-P32BMS

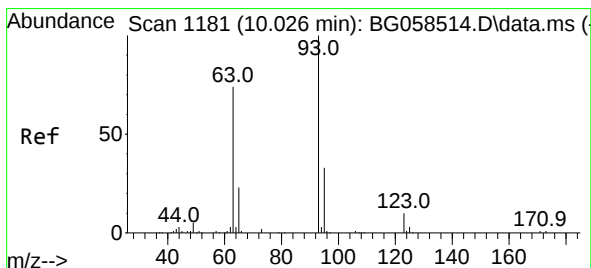
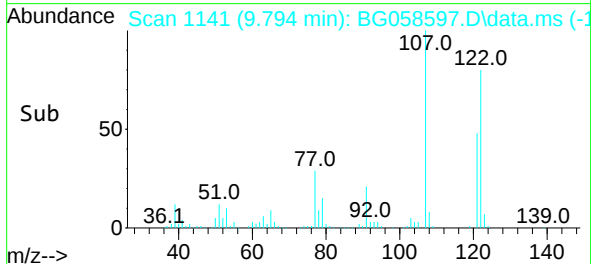
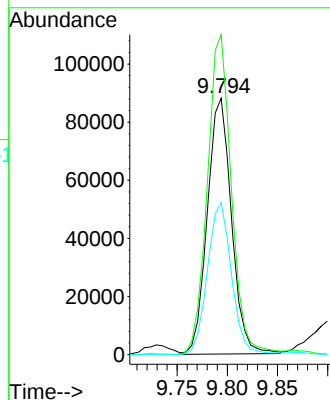
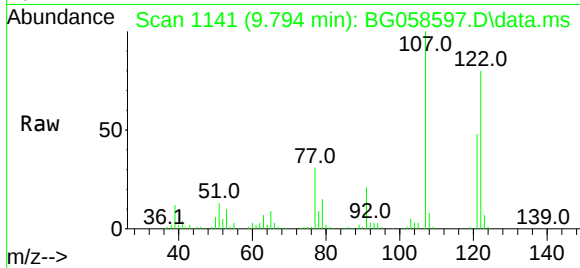
Tgt Ion:122 Resp: 14753
 Ion Ratio Lower Upper
 122 100
 107 124.7 98.0 147.0
 121 59.3 47.8 71.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#28

bis(2-Chloroethoxy)methane

Concen: 51.243 ng

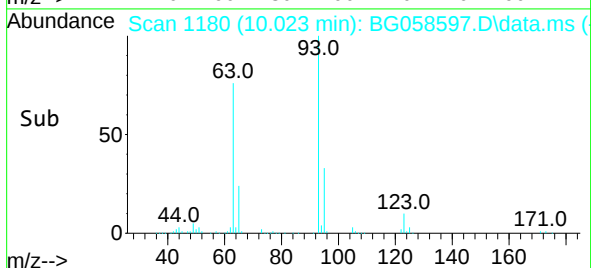
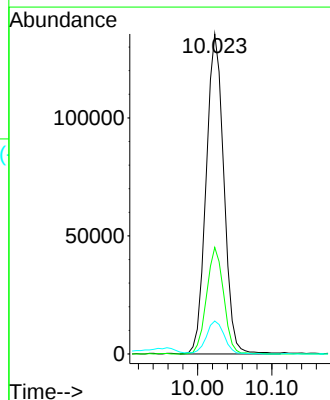
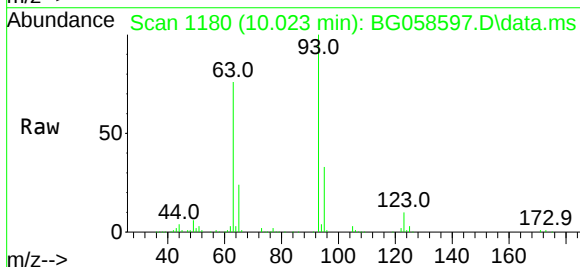
RT: 10.023 min Scan# 1180

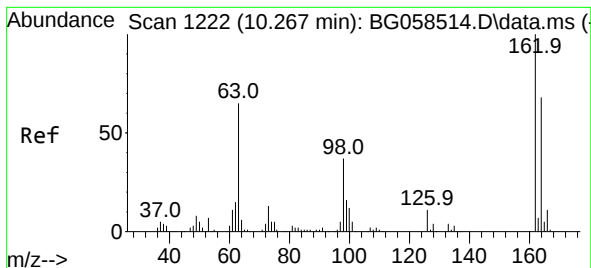
Delta R.T. -0.003 min

Lab File: BG058597.D

Acq: 3 Aug 2023 17:43

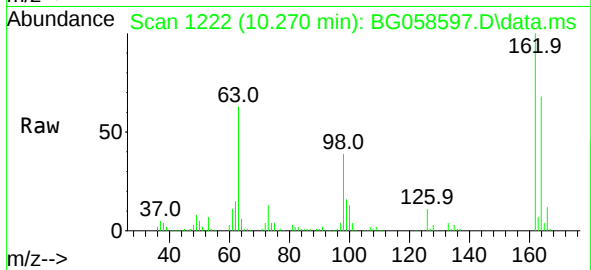
Tgt Ion: 93 Resp: 224613
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.0 39.0
 123 10.3 7.8 11.8





#29
2,4-Dichlorophenol
Concen: 55.804 ng
RT: 10.270 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

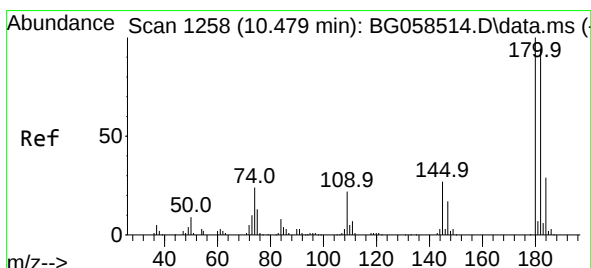
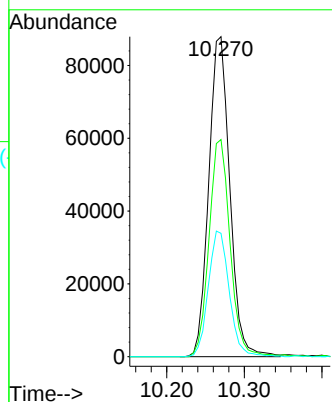
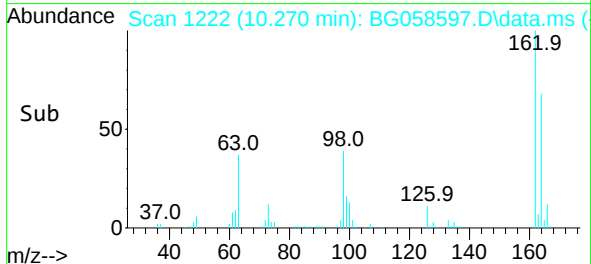
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



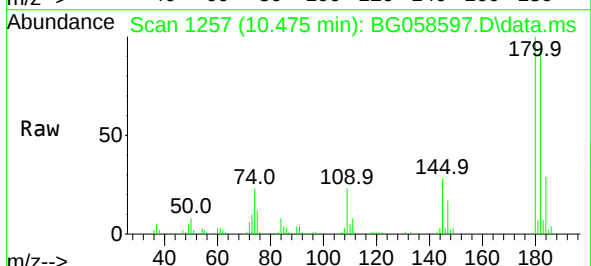
Tgt Ion:162 Resp: 165799
Ion Ratio Lower Upper
162 100
164 67.9 47.6 87.6
98 38.5 17.1 57.1

Manual Integrations
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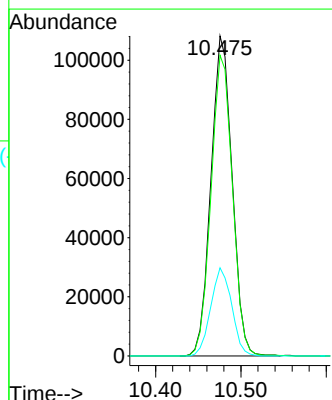
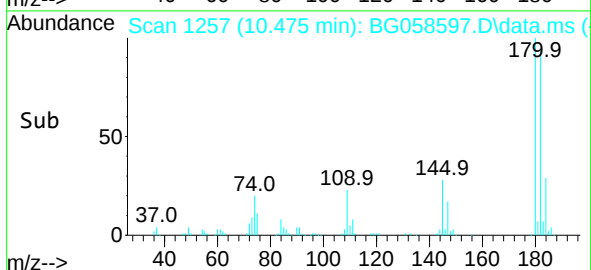
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

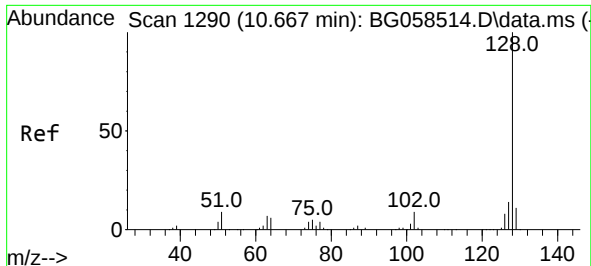


#30
1,2,4-Trichlorobenzene
Concen: 54.623 ng
RT: 10.475 min Scan# 1257
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43



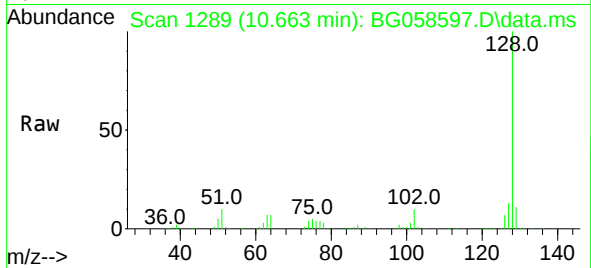
Tgt Ion:180 Resp: 187162
Ion Ratio Lower Upper
180 100
182 94.0 75.0 112.4
145 27.5 21.9 32.9





#31
Naphthalene
Concen: 52.217 ng
RT: 10.663 min Scan# 1169
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

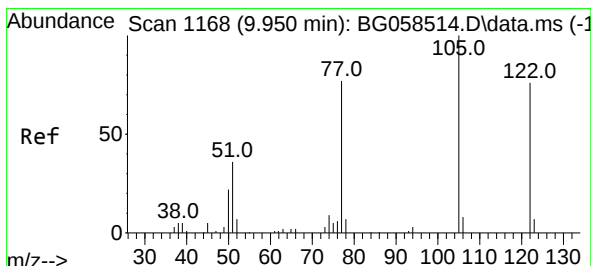
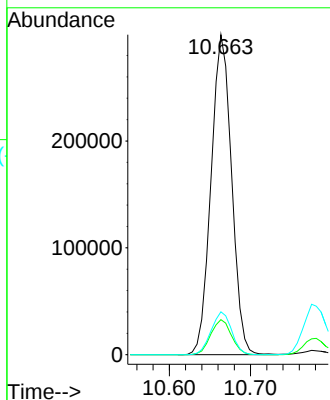
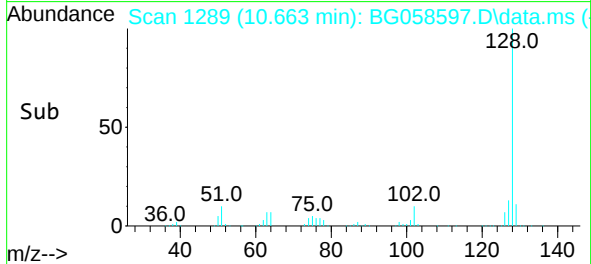
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



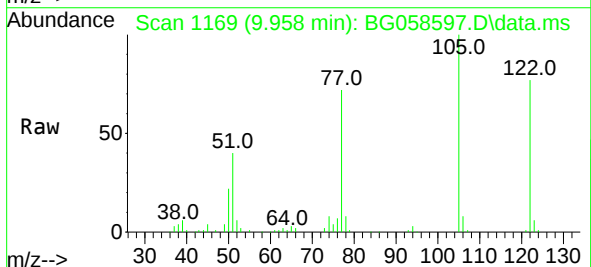
Tgt Ion:128 Resp: 527040
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.4 10.9 16.3

Manual Integrations
APPROVED

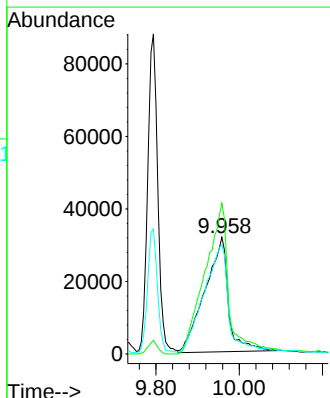
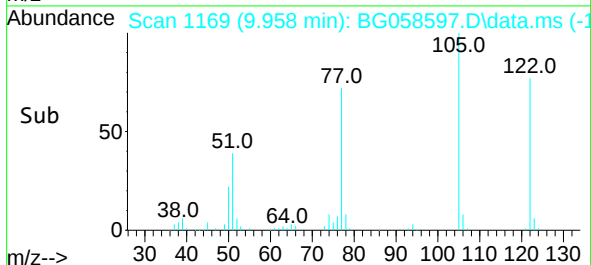
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

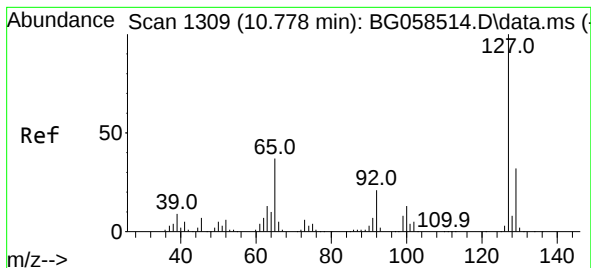


#32
Benzoic acid
Concen: 55.826 ng
RT: 9.958 min Scan# 1169
Delta R.T. 0.008 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43



Tgt Ion:122 Resp: 123749
Ion Ratio Lower Upper
122 100
105 129.2 106.5 146.5
77 93.5 78.1 118.1





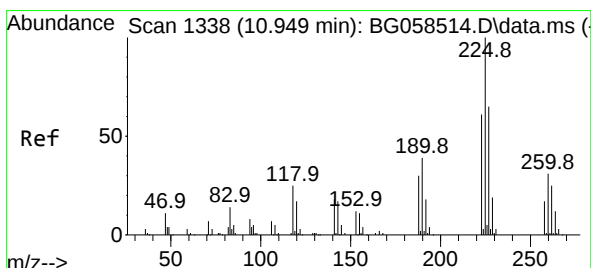
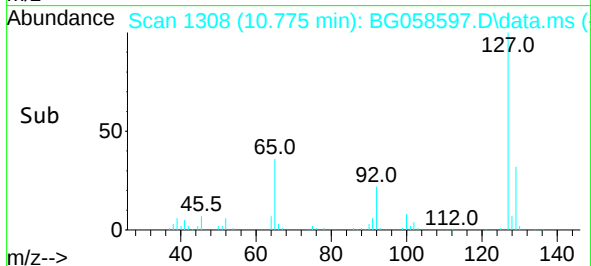
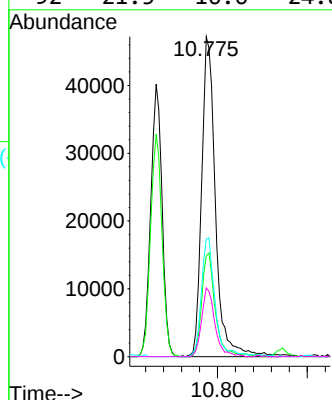
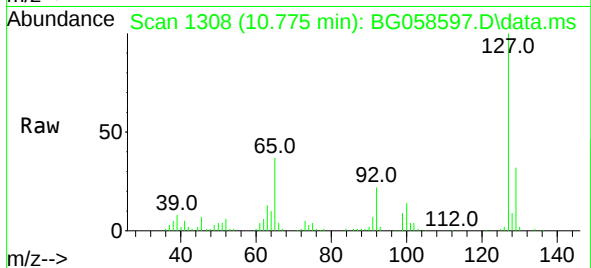
#33
4-Chloroaniline
Concen: 23.658 ng
RT: 10.775 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

Instrument :
BNA_G
ClientSampleId :
B-P32BMS

Tgt Ion:	127	Resp:	10088
Ion Ratio	Lower	Upper	
127	100		
129	31.5	25.4	38.2
65	36.8	29.5	44.3
92	21.5	16.6	24.8

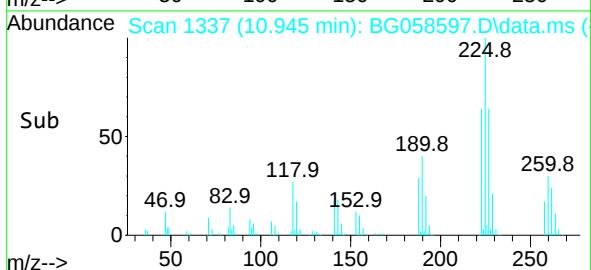
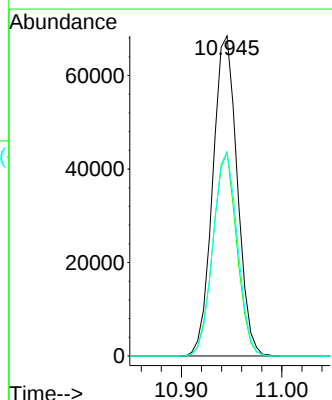
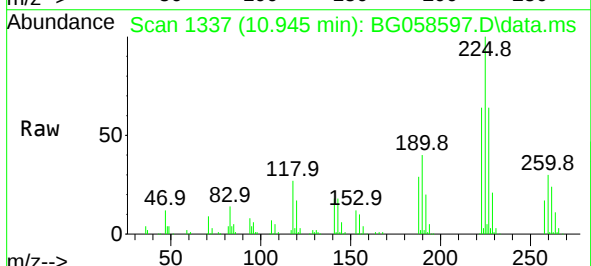
Manual Integrations
APPROVED

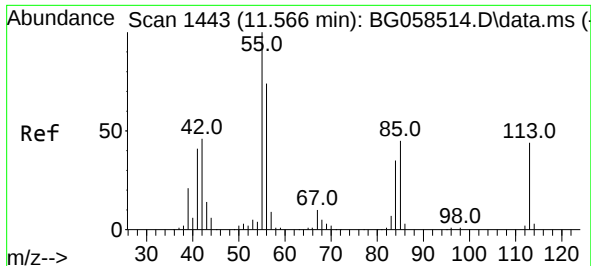
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#34
Hexachlorobutadiene
Concen: 52.580 ng
RT: 10.945 min Scan# 1337
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

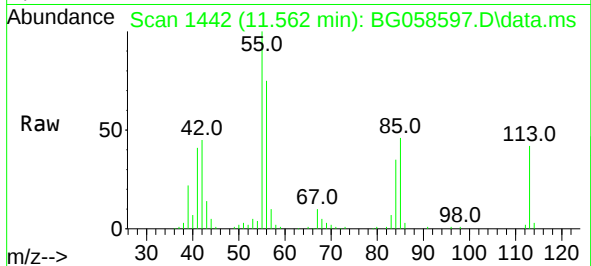
Tgt Ion:	225	Resp:	116022
Ion Ratio	Lower	Upper	
225	100		
223	63.6	49.0	73.6
227	63.8	51.7	77.5





#35
Caprolactam
Concen: 50.513 ng m
RT: 11.562 min Scan# 1443
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

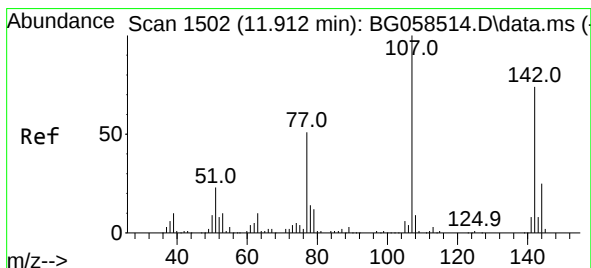
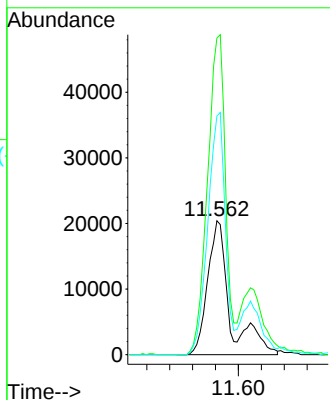
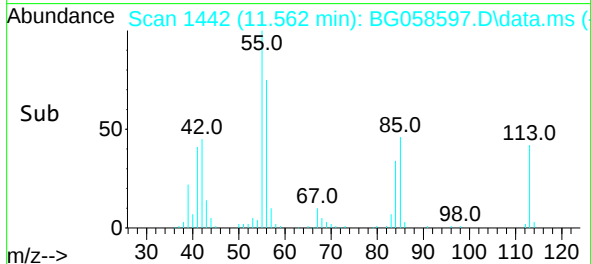
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



Tgt Ion:113 Resp: 5542
Ion Ratio Lower Upper
113 100
55 236.4 208.0 248.0
56 178.2 148.6 188.6

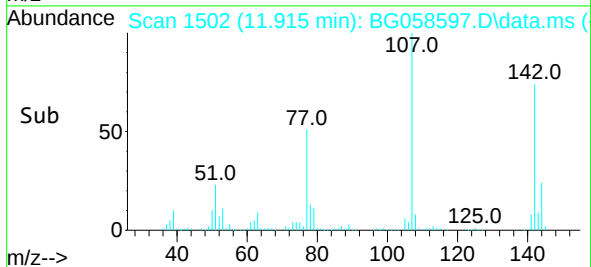
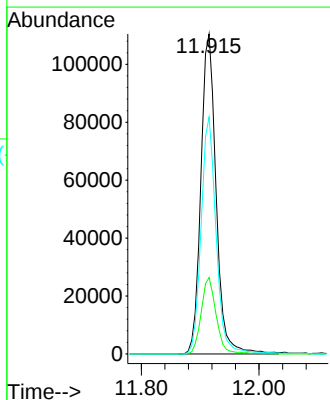
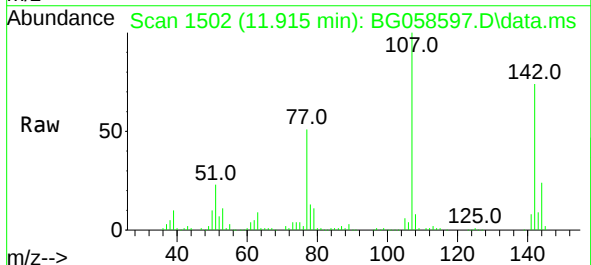
Manual Integrations
APPROVED

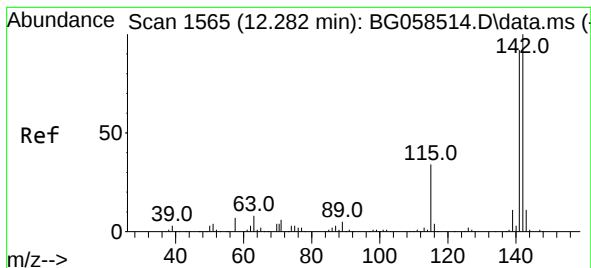
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#36
4-Chloro-3-methylphenol
Concen: 54.089 ng
RT: 11.915 min Scan# 1502
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

Tgt Ion:107 Resp: 198796
Ion Ratio Lower Upper
107 100
144 23.9 19.6 29.4
142 74.1 59.3 88.9





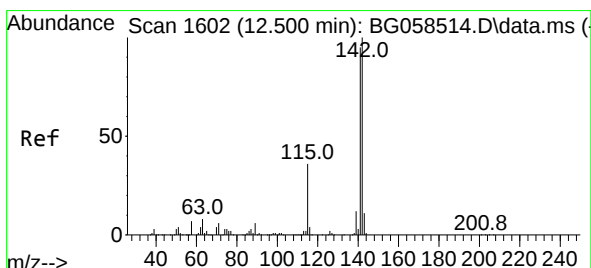
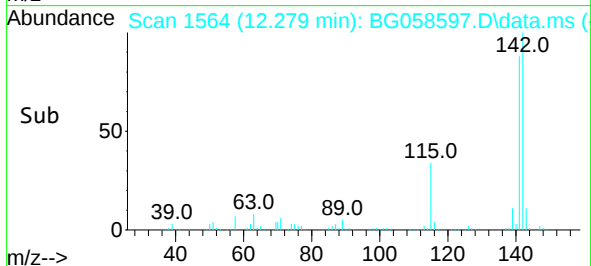
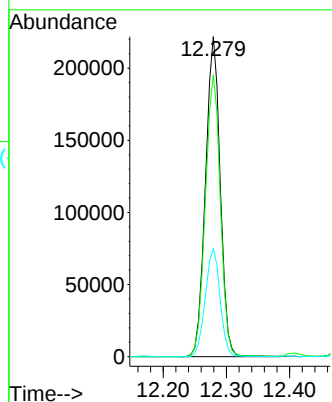
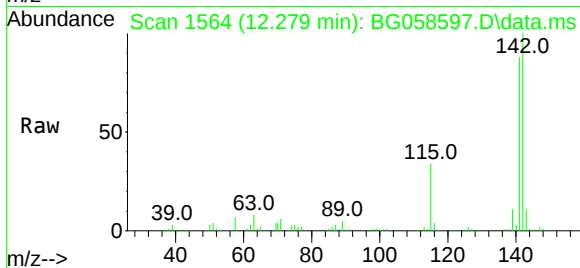
#37
2-Methylnaphthalene
Concen: 49.807 ng
RT: 12.279 min Scan# 1565
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

Instrument :
BNA_G
ClientSampleId :
B-P32BMS

Tgt Ion:142 Resp: 359602
Ion Ratio Lower Upper
142 100
141 88.1 73.5 110.3
115 33.7 27.4 41.0

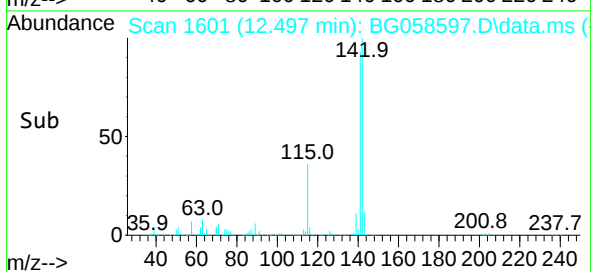
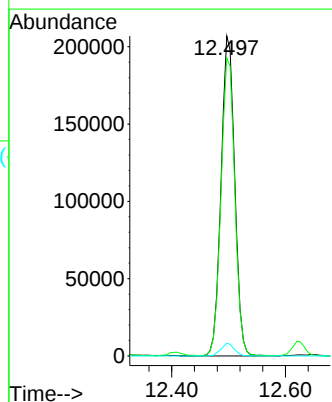
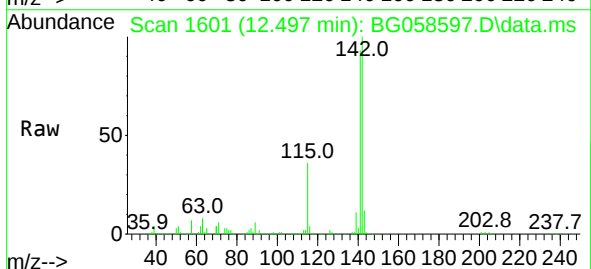
Manual Integrations
APPROVED

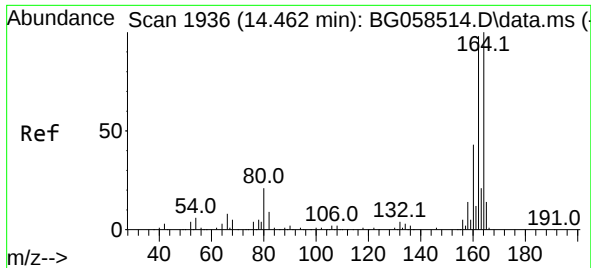
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#38
1-Methylnaphthalene
Concen: 50.470 ng
RT: 12.497 min Scan# 1601
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

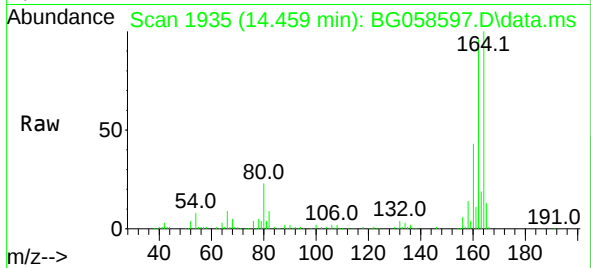
Tgt Ion:142 Resp: 346383
Ion Ratio Lower Upper
142 100
141 93.1 75.7 113.5
116 3.9 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.459 min Scan# 1935
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

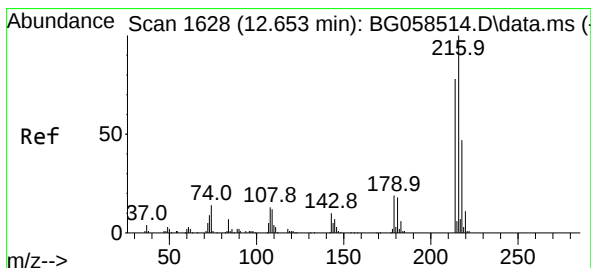
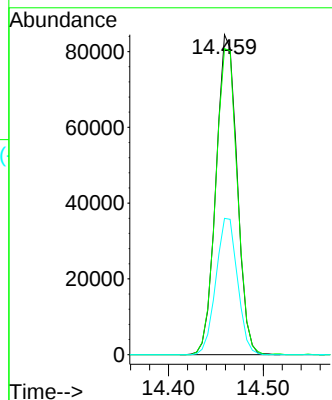
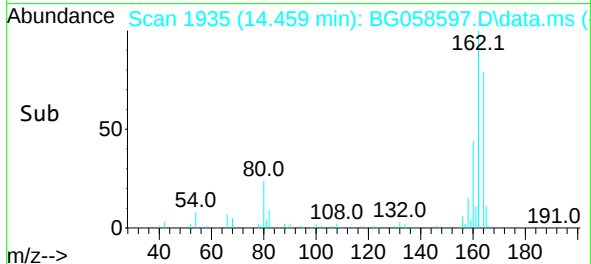
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



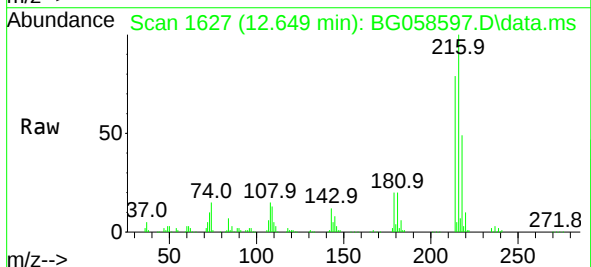
Tgt Ion:164 Resp: 130354
Ion Ratio Lower Upper
164 100
162 95.7 78.3 117.5
160 42.6 34.1 51.1

Manual Integrations
APPROVED

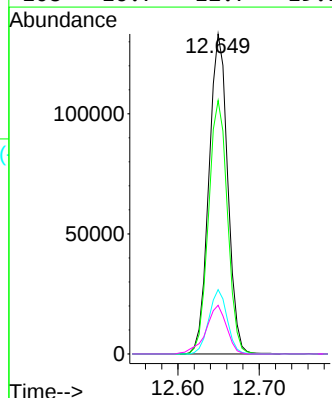
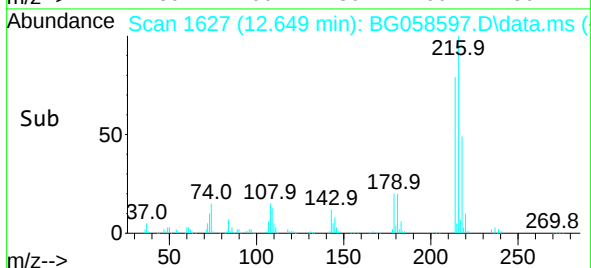
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

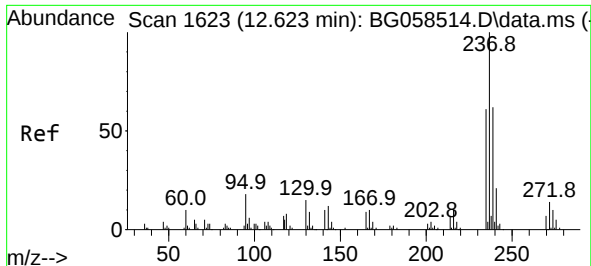


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.327 ng
RT: 12.649 min Scan# 1627
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43



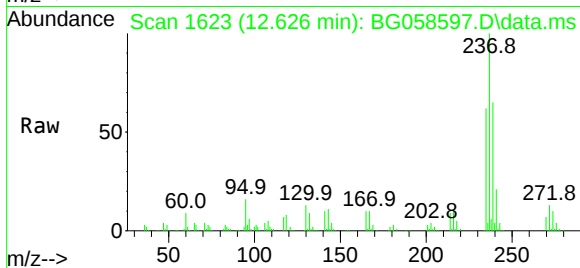
Tgt Ion:216 Resp: 213414
Ion Ratio Lower Upper
216 100
214 79.8 63.1 94.7
179 19.5 15.6 23.4
108 16.7 12.7 19.1





#41
Hexachlorocyclopentadiene
Concen: 76.653 ng
RT: 12.626 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

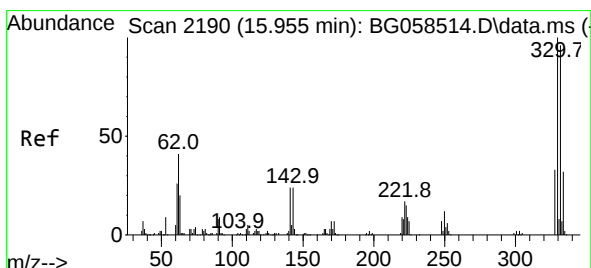
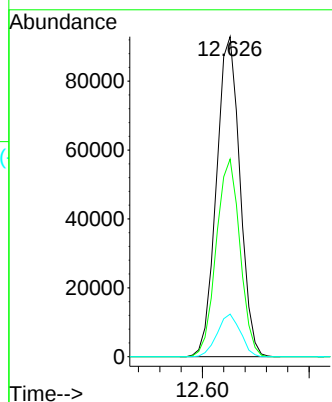
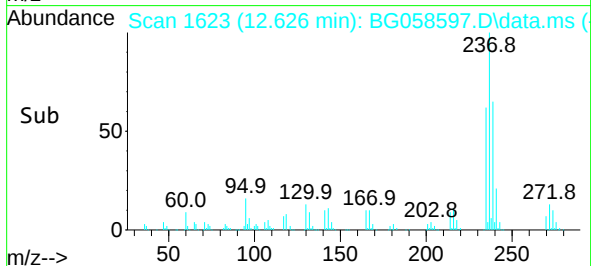
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



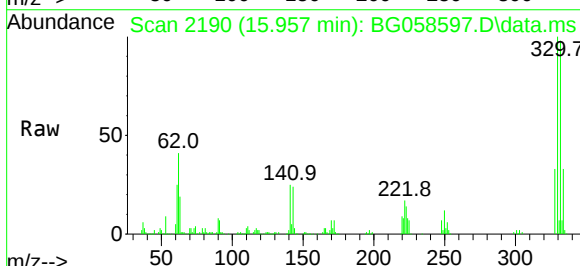
Tgt Ion:237 Resp: 14190
Ion Ratio Lower Upper
237 100
235 61.8 41.0 81.0
272 13.3 0.0 33.6

Manual Integrations
APPROVED

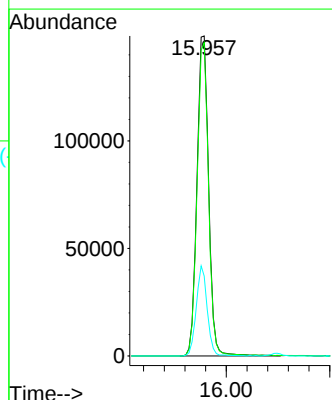
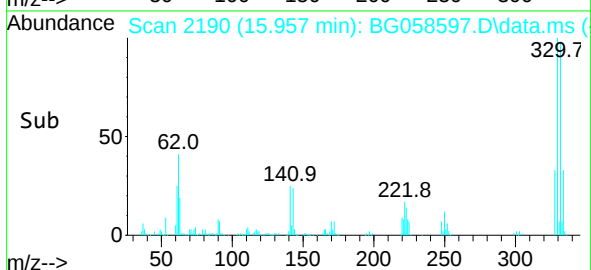
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

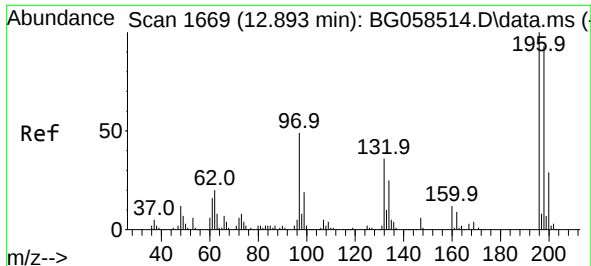


#42
2,4,6-Tribromophenol
Concen: 109.080 ng
RT: 15.957 min Scan# 2190
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43



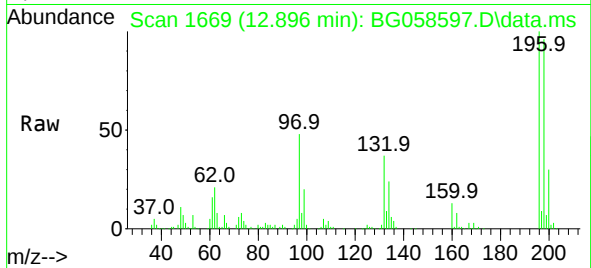
Tgt Ion:330 Resp: 233059
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 26.4 20.7 31.1





#43
2,4,6-Trichlorophenol
Concen: 54.587 ng
RT: 12.896 min Scan# 1669
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

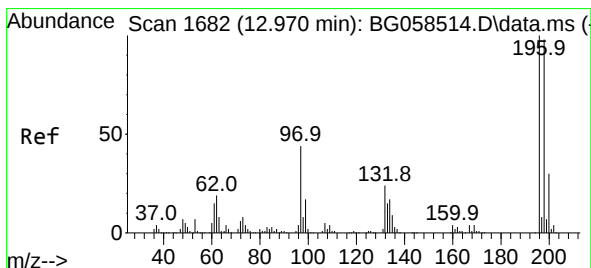
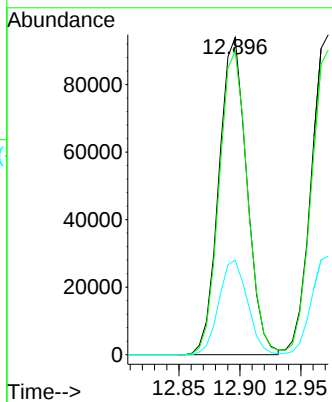
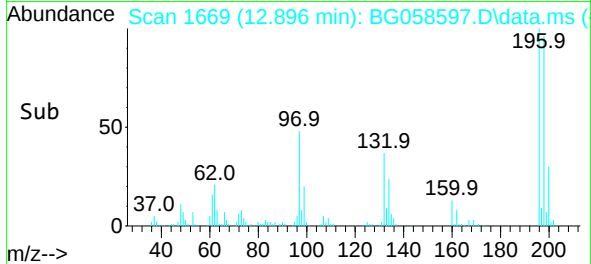
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



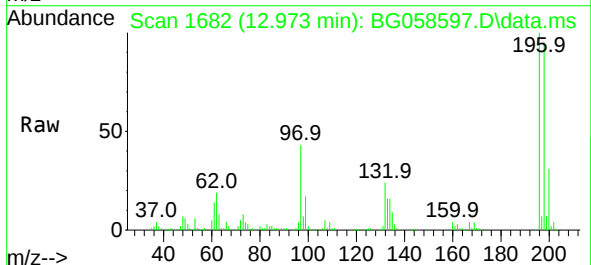
Tgt Ion:196 Resp: 150258
Ion Ratio Lower Upper
196 100
198 95.6 74.2 111.4
200 29.8 22.9 34.3

Manual Integrations
APPROVED

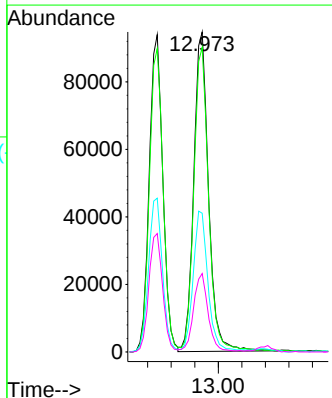
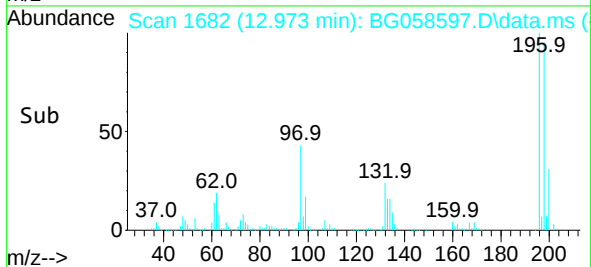
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

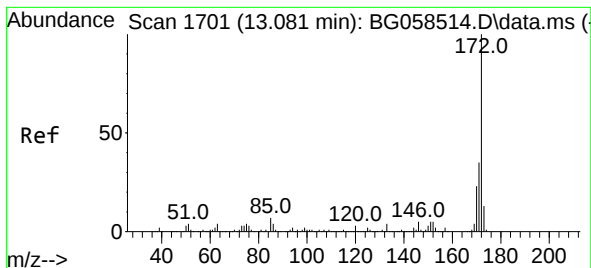


#44
2,4,5-Trichlorophenol
Concen: 50.934 ng
RT: 12.973 min Scan# 1682
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43



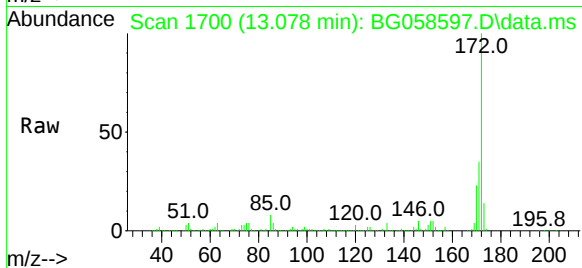
Tgt Ion:196 Resp: 165136
Ion Ratio Lower Upper
196 100
198 95.2 78.3 117.5
97 43.3 35.2 52.8
132 24.5 19.4 29.0





#45
2-Fluorobiphenyl
Concen: 76.864 ng
RT: 13.078 min Scan# 1700
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

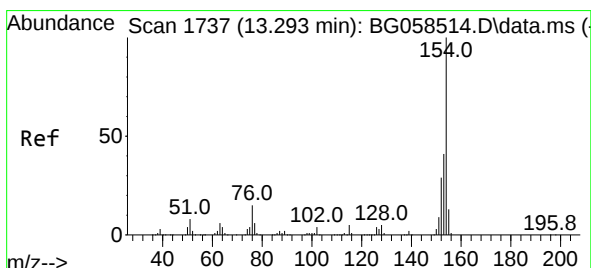
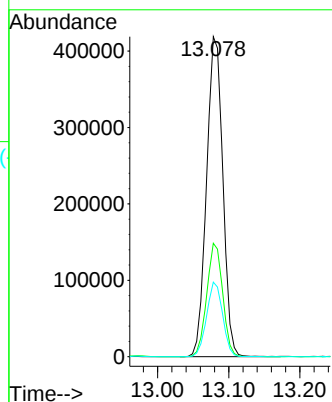
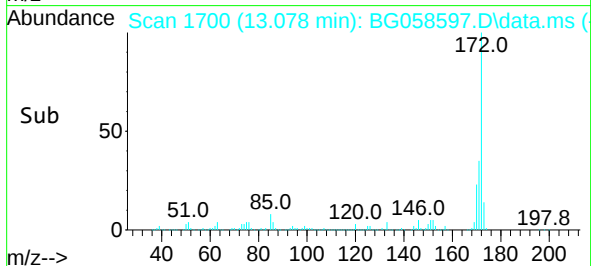
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



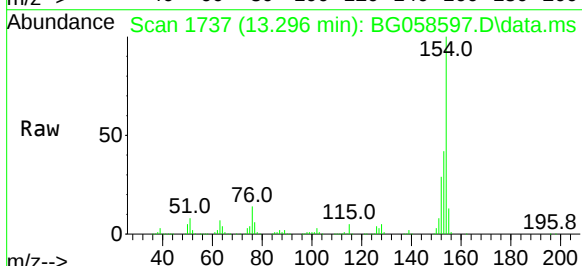
Tgt Ion:172 Resp: 668599
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.3 18.4 27.6

Manual Integrations
APPROVED

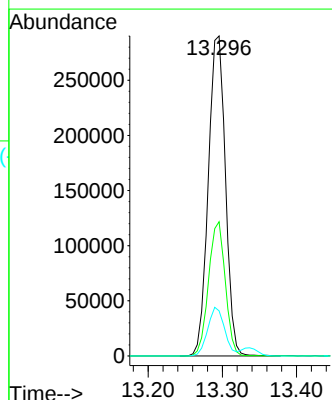
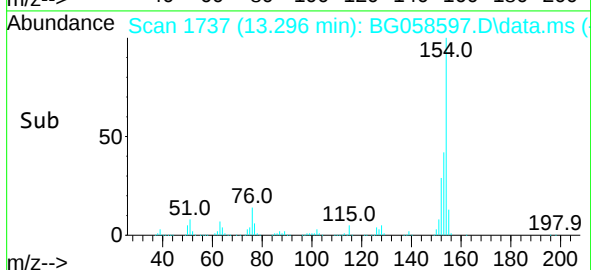
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

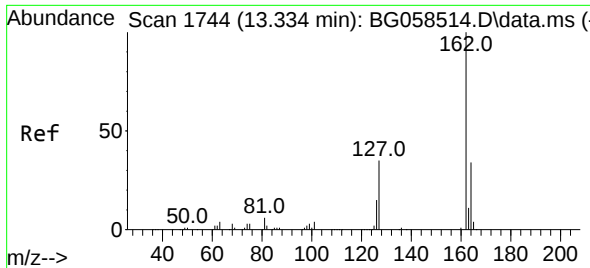


#46
1,1'-Biphenyl
Concen: 52.012 ng
RT: 13.296 min Scan# 1737
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43



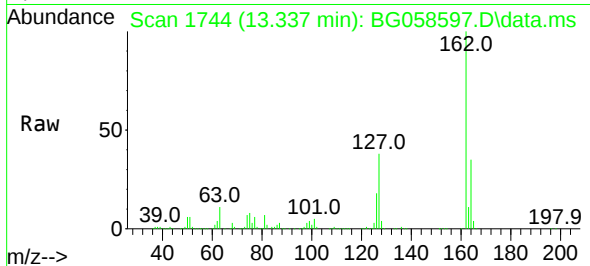
Tgt Ion:154 Resp: 465612
Ion Ratio Lower Upper
154 100
153 41.9 21.2 61.2
76 14.1 0.0 34.7





#47
2-Chloronaphthalene
Concen: 54.446 ng
RT: 13.337 min Scan# 1744
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

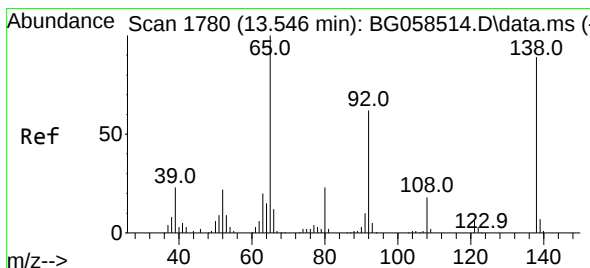
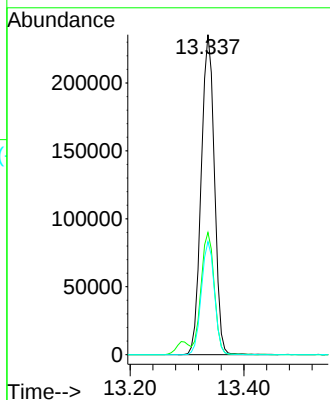
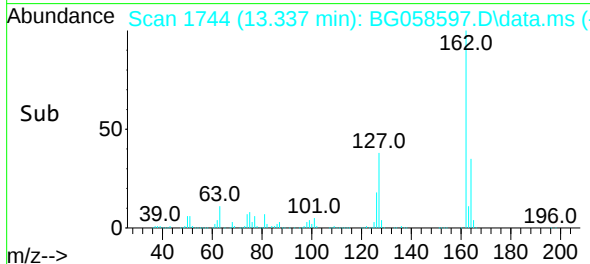
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



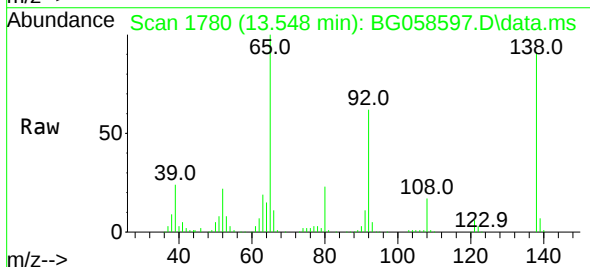
Tgt Ion:162 Resp: 38003
Ion Ratio Lower Upper
162 100
127 38.2 30.9 46.3
164 35.3 27.2 40.8

Manual Integrations
APPROVED

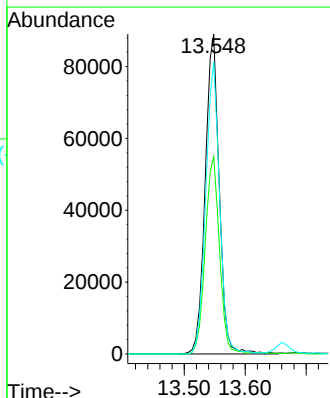
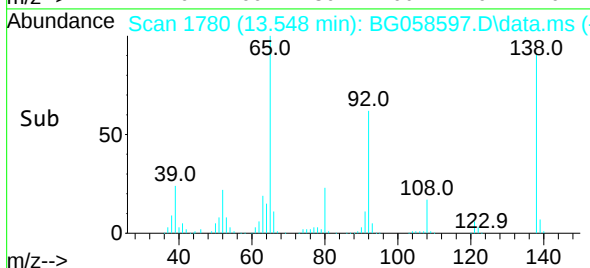
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

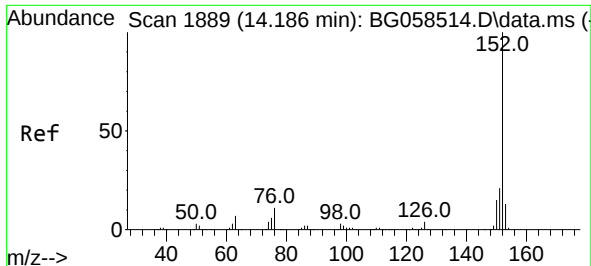


#48
2-Nitroaniline
Concen: 53.691 ng
RT: 13.548 min Scan# 1780
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43



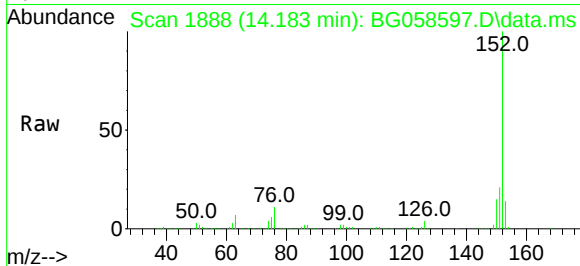
Tgt Ion: 65 Resp: 143044
Ion Ratio Lower Upper
65 100
92 61.6 49.2 73.8
138 91.2 71.5 107.3





#49
Acenaphthylene
Concen: 53.022 ng
RT: 14.183 min Scan# 1888
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

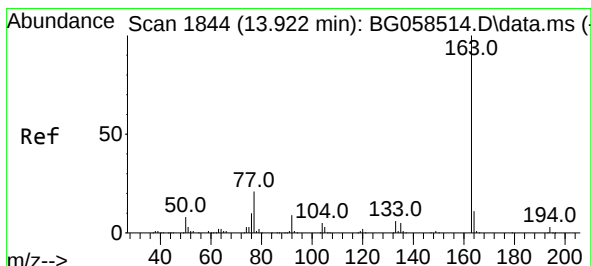
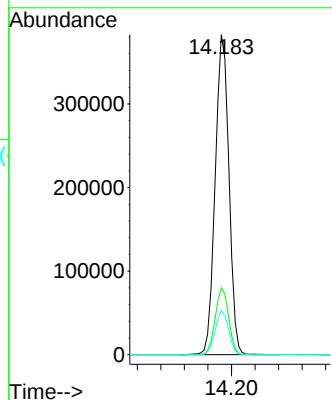
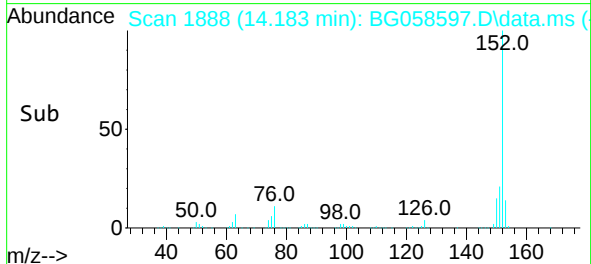
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



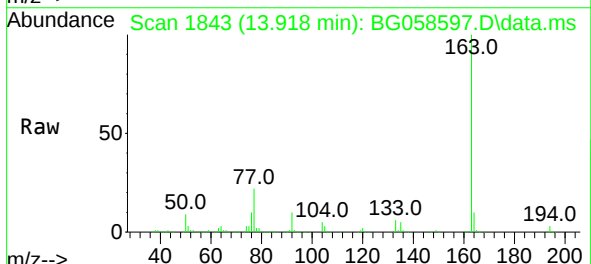
Tgt Ion:152 Resp: 61962
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7
153 13.7 10.7 16.1

Manual Integrations
APPROVED

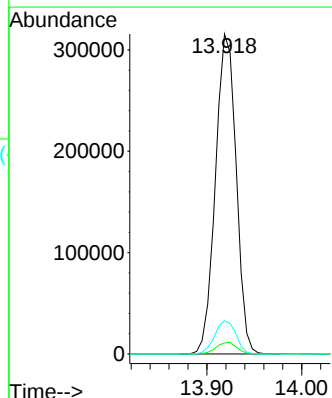
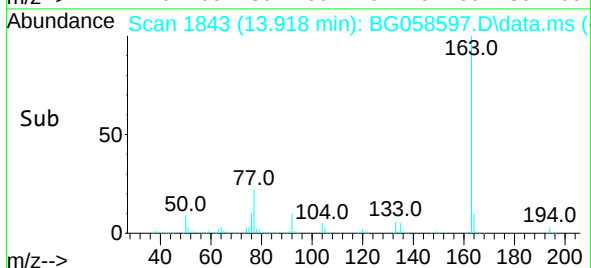
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

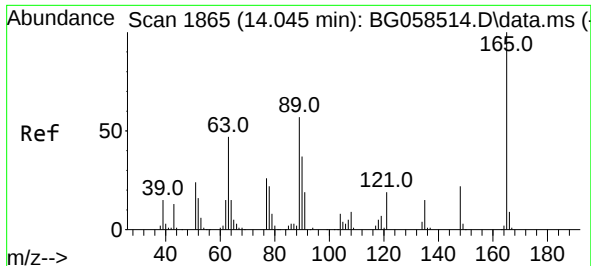


#50
Dimethylphthalate
Concen: 49.052 ng
RT: 13.918 min Scan# 1843
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43



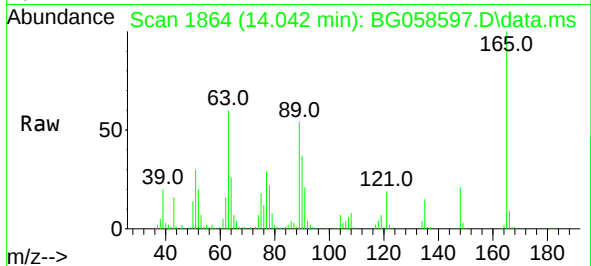
Tgt Ion:163 Resp: 480216
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.4 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 51.781 ng
RT: 14.042 min Scan# 1865
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

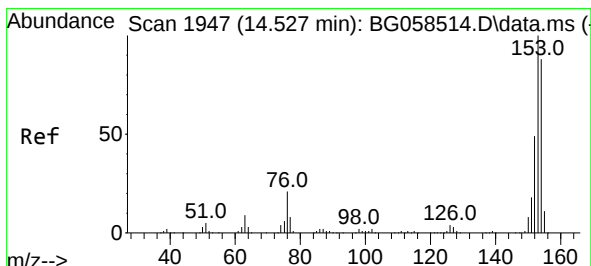
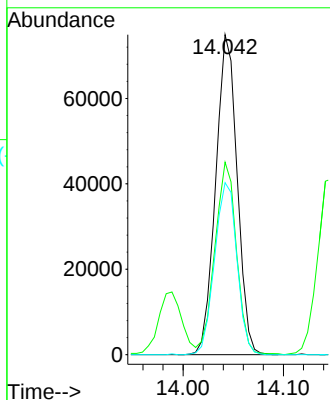
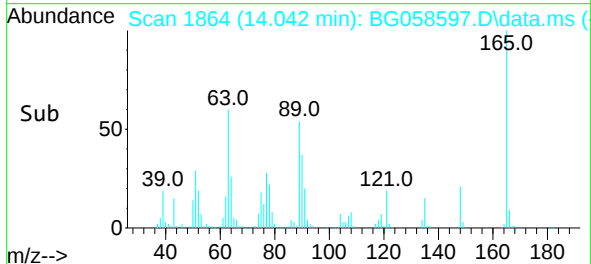
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



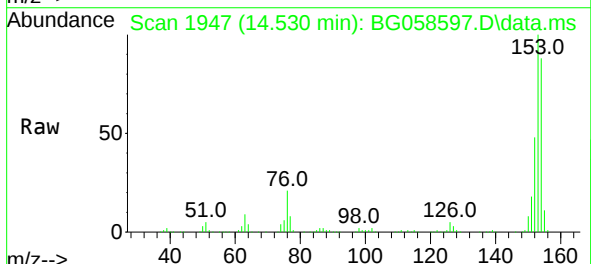
Tgt Ion:165 Resp: 111229
Ion Ratio Lower Upper
165 100
63 60.2 46.4 69.6
89 53.8 45.3 67.9

Manual Integrations
APPROVED

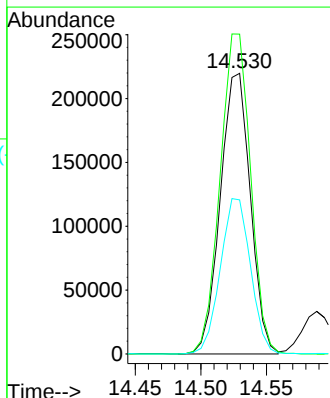
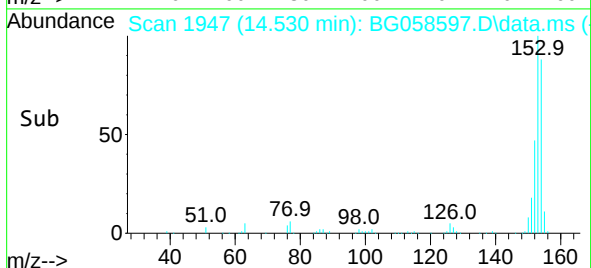
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

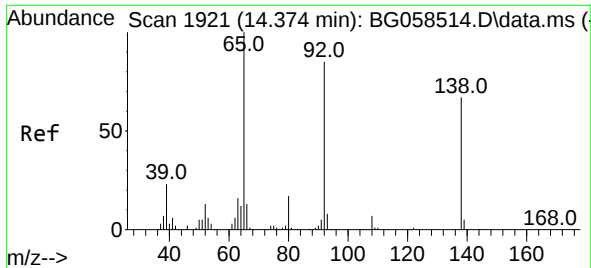


#52
Acenaphthene
Concen: 51.878 ng
RT: 14.530 min Scan# 1947
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43



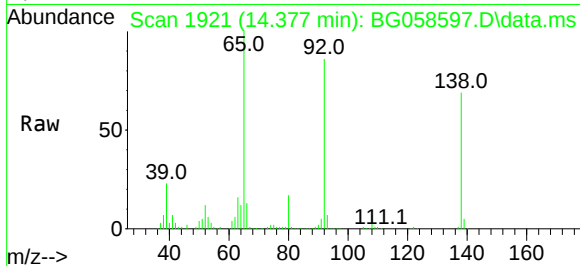
Tgt Ion:154 Resp: 350301
Ion Ratio Lower Upper
154 100
153 113.9 91.1 136.7
152 54.9 44.6 66.8





#53
3-Nitroaniline
Concen: 37.668 ng
RT: 14.377 min Scan# 1921
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

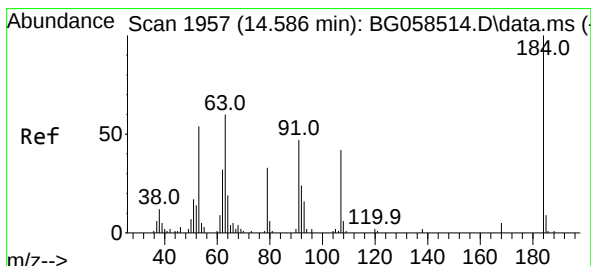
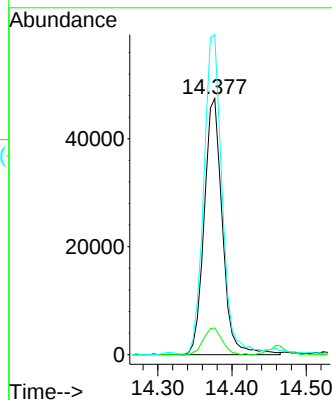
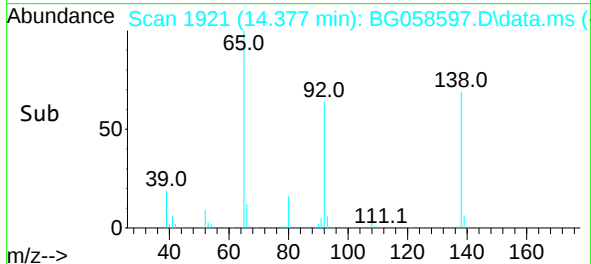
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



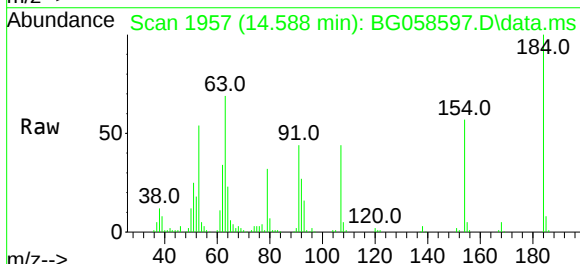
Tgt Ion:138 Resp: 80954
Ion Ratio Lower Upper
138 100
108 10.5 8.3 12.5
92 125.0 101.1 151.7

Manual Integrations
APPROVED

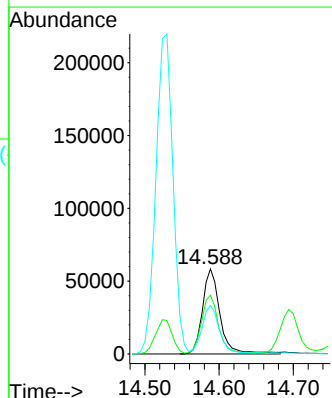
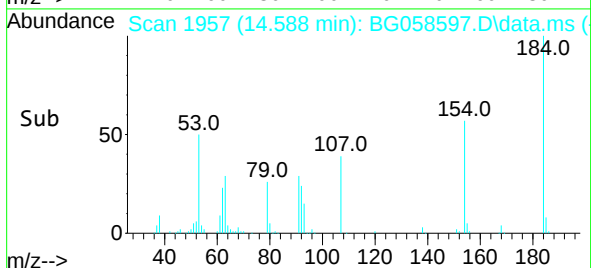
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

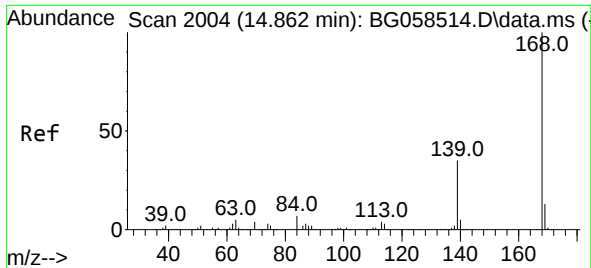


#54
2,4-Dinitrophenol
Concen: 79.082 ng
RT: 14.588 min Scan# 1957
Delta R.T. 0.002 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43



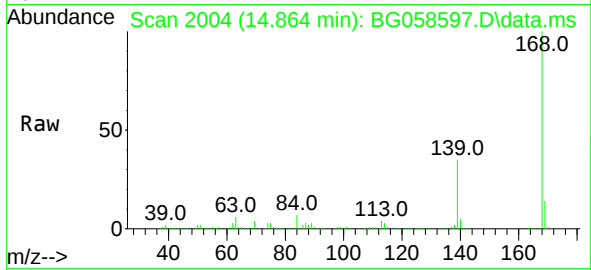
Tgt Ion:184 Resp: 95647
Ion Ratio Lower Upper
184 100
63 69.0 56.7 85.1
154 57.0 46.1 69.1





#55
Dibenzofuran
Concen: 50.630 ng
RT: 14.864 min Scan# 2004
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

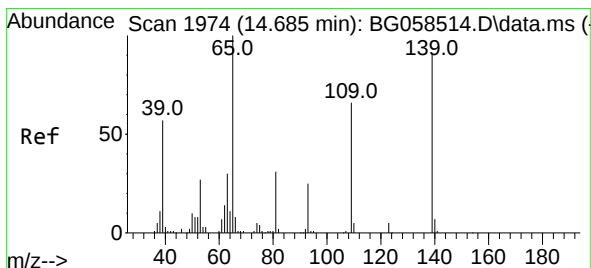
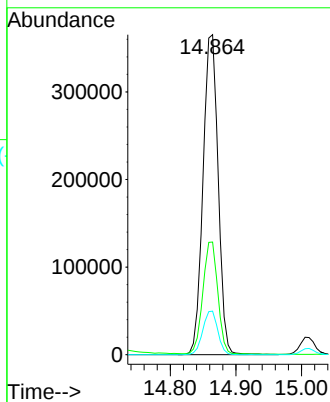
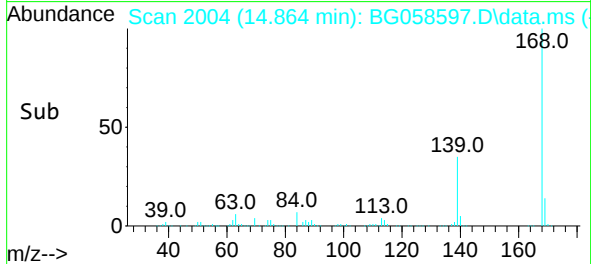
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



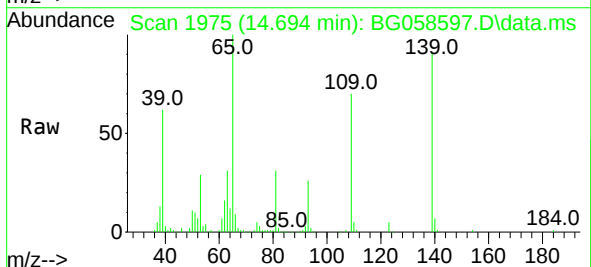
Tgt Ion:168 Resp: 58745
Ion Ratio Lower Upper
168 100
139 35.2 27.8 41.8
169 13.6 10.6 16.0

Manual Integrations
APPROVED

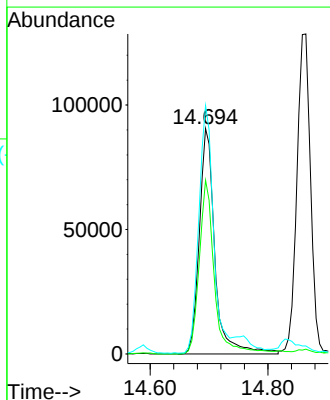
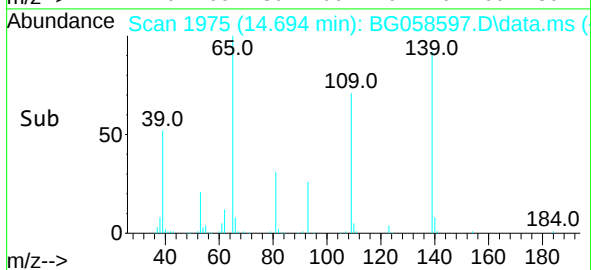
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

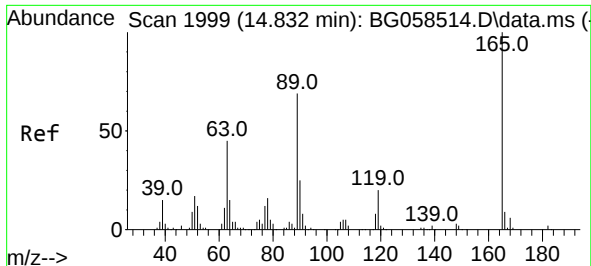


#56
4-Nitrophenol
Concen: 103.853 ng
RT: 14.694 min Scan# 1975
Delta R.T. 0.009 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43



Tgt Ion:139 Resp: 167034
Ion Ratio Lower Upper
139 100
109 77.0 52.5 92.5
65 110.2 90.5 130.5





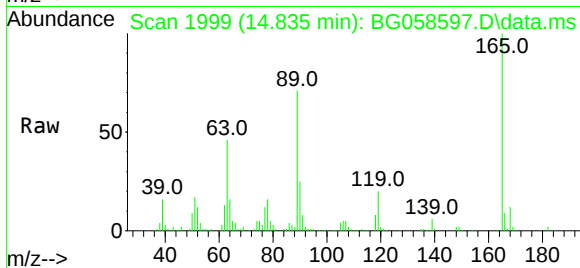
#57
2,4-Dinitrotoluene
Concen: 52.052 ng
RT: 14.835 min Scan# 1999
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

Instrument :

BNA_G

ClientSampleId :

B-P32BMS

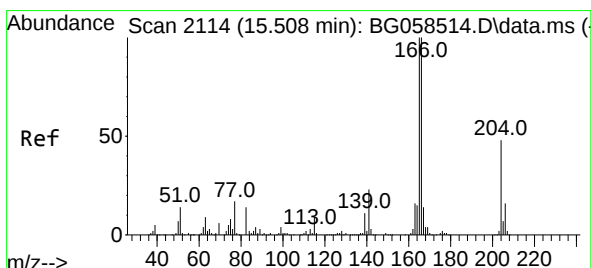
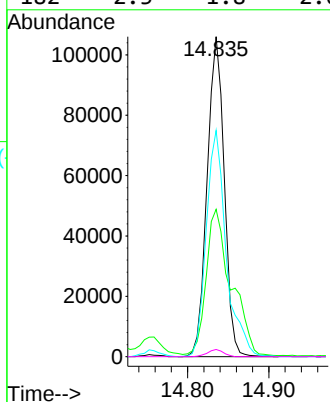
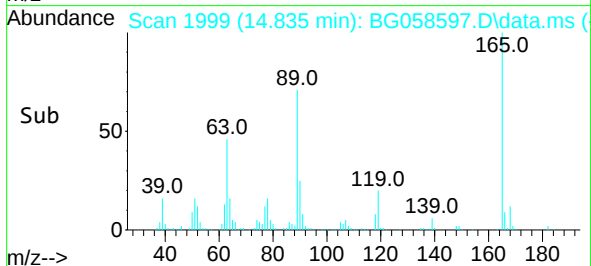


Tgt Ion:165 Resp: 155014
Ion Ratio Lower Upper
165 100
63 46.0 36.6 54.8
89 70.7 55.4 83.0
182 2.3 1.8 2.6

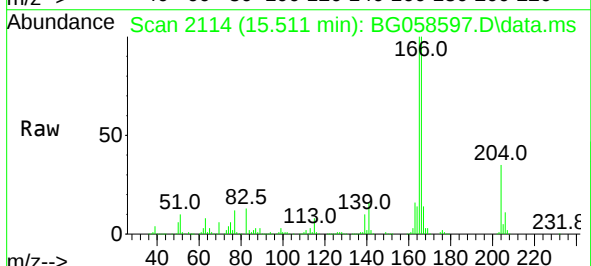
Manual Integrations

APPROVED

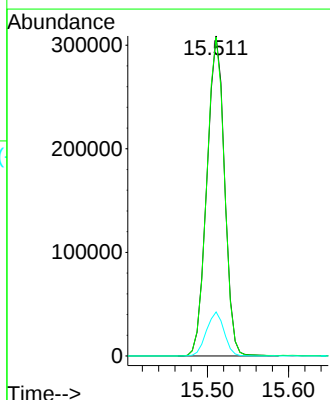
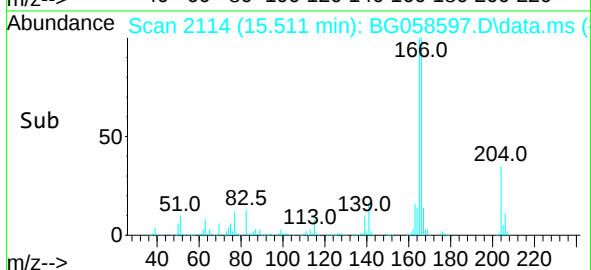
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#58
Fluorene
Concen: 50.456 ng
RT: 15.511 min Scan# 2114
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43



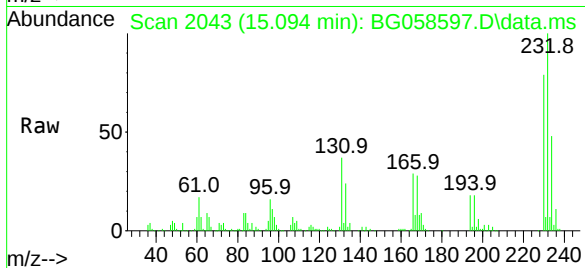
Tgt Ion:166 Resp: 465077
Ion Ratio Lower Upper
166 100
165 99.6 80.0 120.0
167 13.7 11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.464 ng
RT: 15.094 min Scan# 2043
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

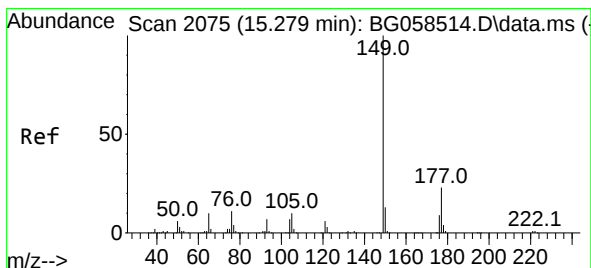
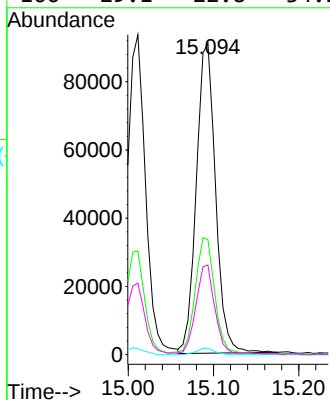
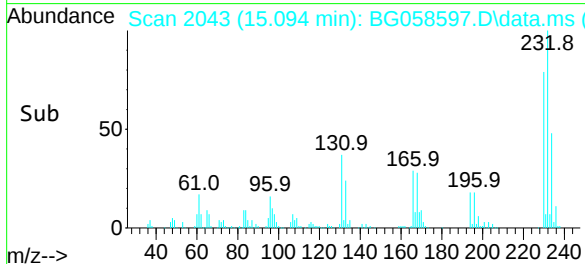
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



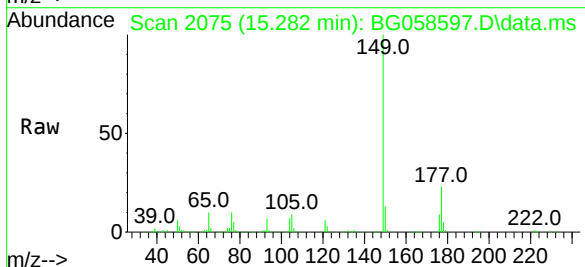
Tgt Ion:232 Resp: 142380
Ion Ratio Lower Upper
232 100
131 38.3 30.0 45.0
130 2.0 1.5 2.3
166 29.1 22.8 34.2

Manual Integrations
APPROVED

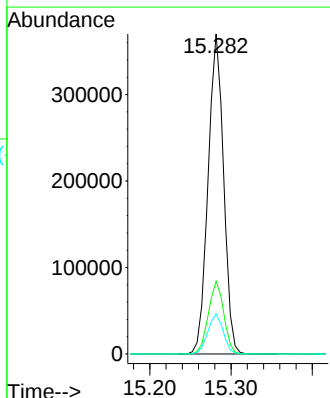
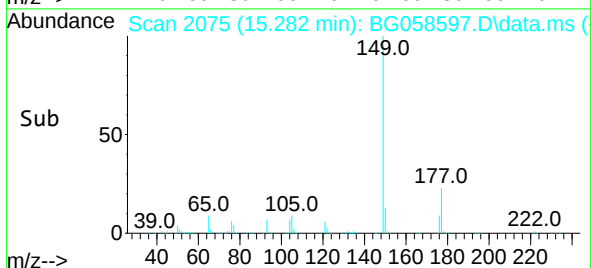
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#60
Diethylphthalate
Concen: 49.097 ng
RT: 15.282 min Scan# 2075
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43



Tgt Ion:149 Resp: 489666
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.4
150 12.5 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 50.294 ng
RT: 15.499 min Scan# 2113
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

Instrument :

BNA_G

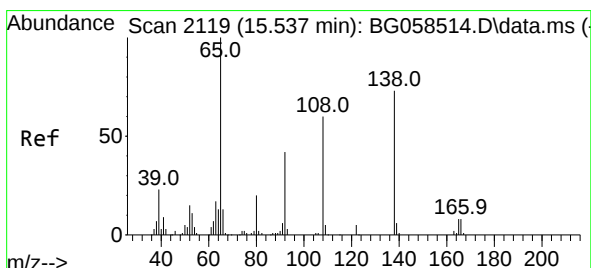
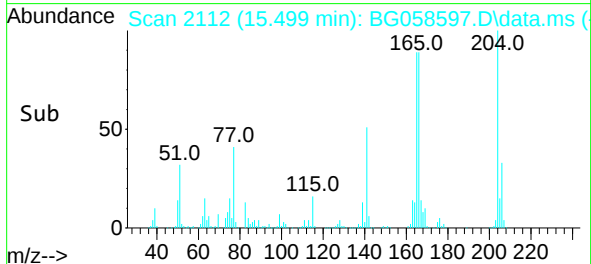
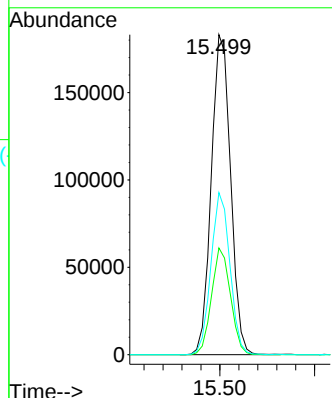
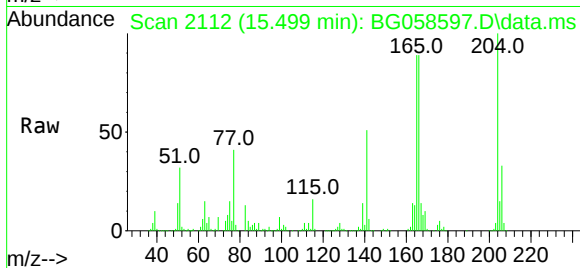
ClientSampleId :

B-P32BMS

Tgt Ion:204 Resp: 258452
Ion Ratio Lower Upper
204 100
206 33.3 27.0 40.4
141 50.6 40.8 61.2

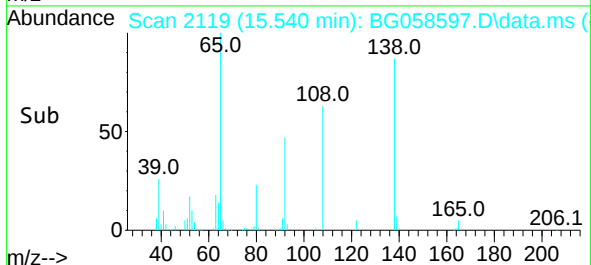
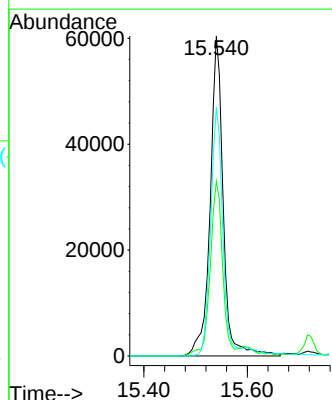
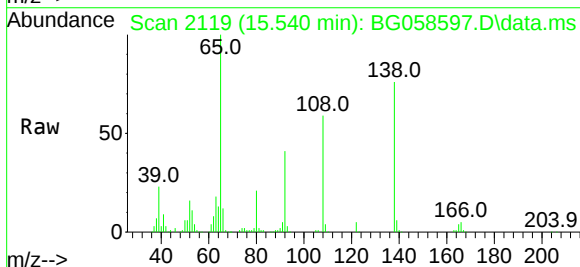
Manual Integrations
APPROVED

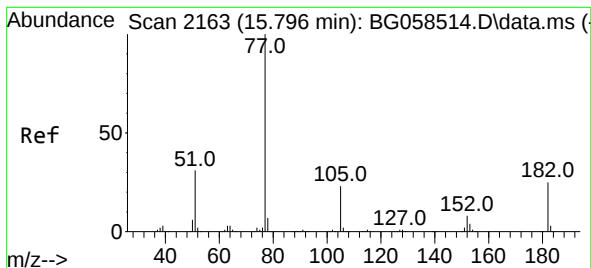
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#62
4-Nitroaniline
Concen: 52.108 ng
RT: 15.540 min Scan# 2119
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

Tgt Ion:138 Resp: 106086
Ion Ratio Lower Upper
138 100
92 54.6 37.3 77.3
108 77.6 62.6 102.6





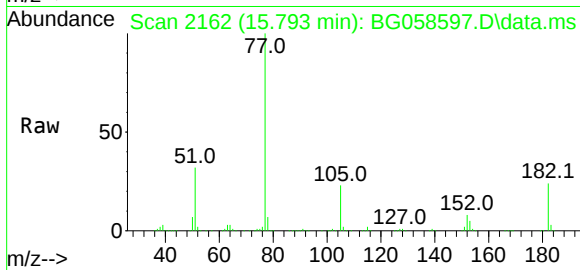
#63
Azobenzene
Concen: 49.944 ng
RT: 15.793 min Scan# 2163
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

Instrument :

BNA_G

ClientSampleId :

B-P32BMS

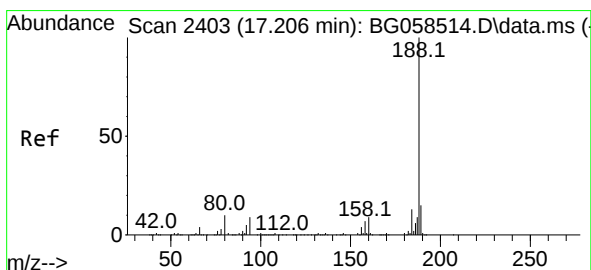
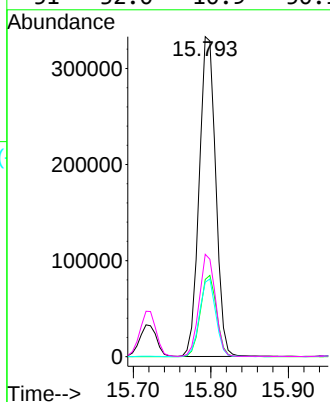
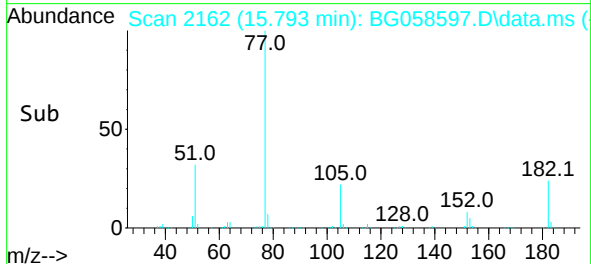


Tgt Ion: 77 Resp: 490620
Ion Ratio Lower Upper
77 100
182 24.1 4.6 44.6
105 23.3 3.3 43.3
51 32.0 10.9 50.9

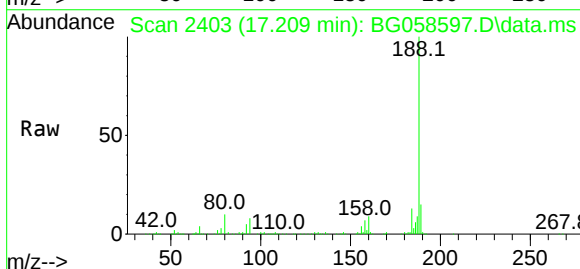
Manual Integrations

APPROVED

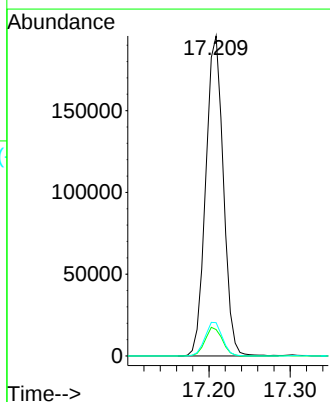
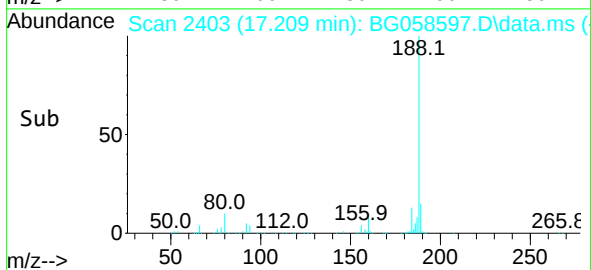
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

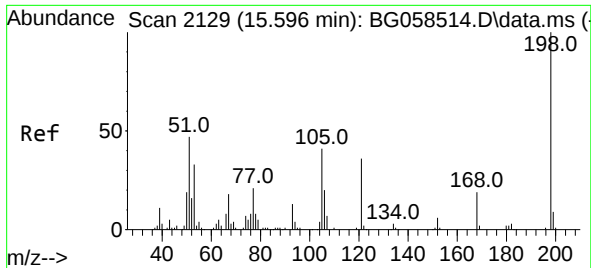


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2403
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43



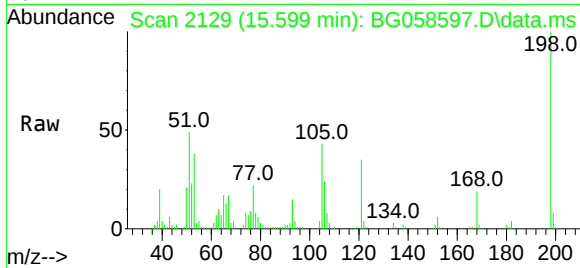
Tgt Ion:188 Resp: 293168
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 10.4 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 48.771 ng
RT: 15.599 min Scan# 2129
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

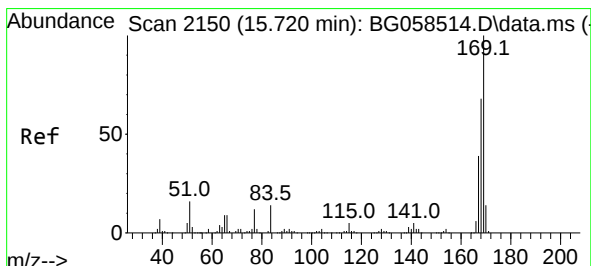
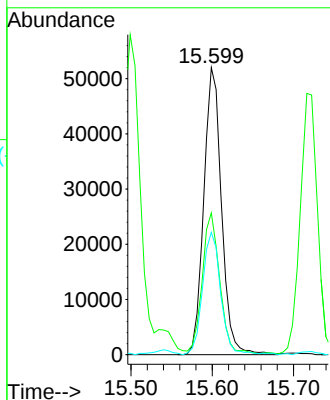
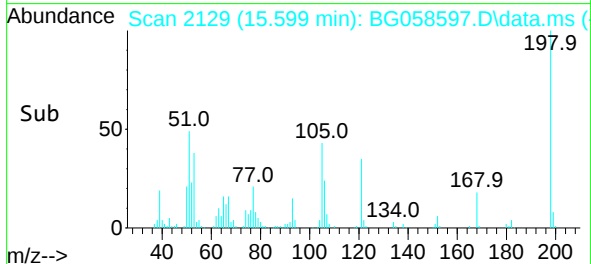
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



Tgt Ion:198 Resp: 78838
Ion Ratio Lower Upper
198 100
51 49.4 29.3 69.3
105 42.6 21.0 61.0

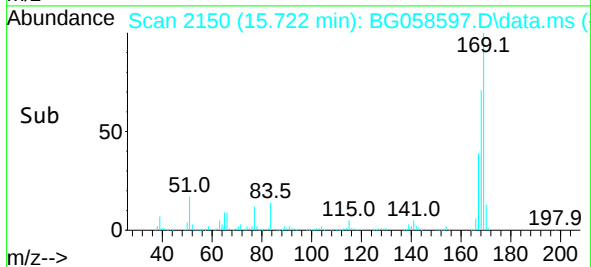
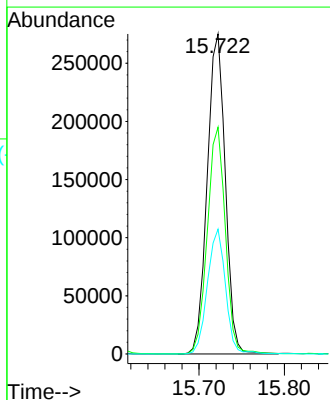
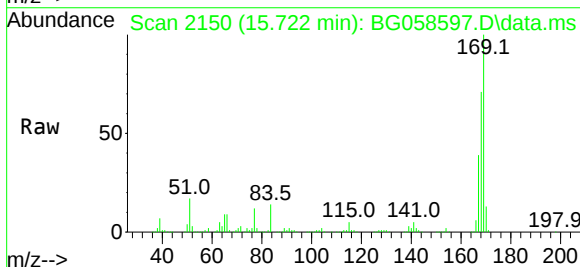
Manual Integrations
APPROVED

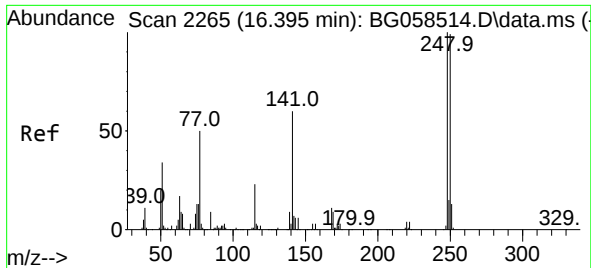
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#66
n-Nitrosodiphenylamine
Concen: 53.046 ng
RT: 15.722 min Scan# 2150
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

Tgt Ion:169 Resp: 404759
Ion Ratio Lower Upper
169 100
168 70.8 54.6 82.0
167 39.0 31.3 46.9





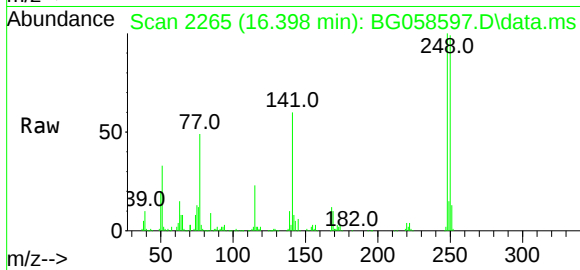
#67
4-Bromophenyl-phenylether
Concen: 52.591 ng
RT: 16.398 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

Instrument :

BNA_G

ClientSampleId :

B-P32BMS

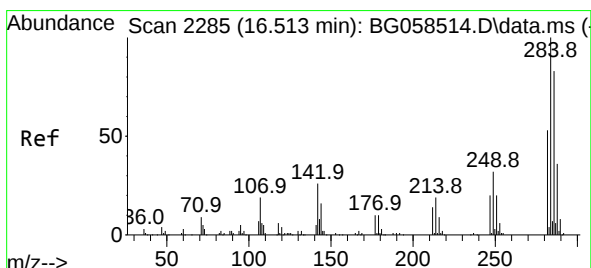
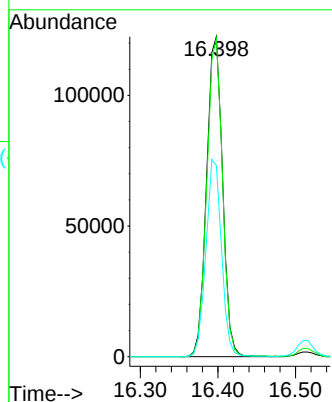
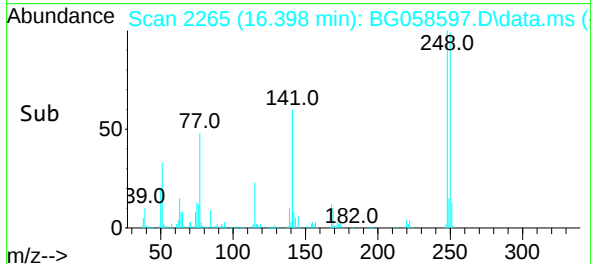


Tgt Ion:248 Resp: 174872
Ion Ratio Lower Upper
248 100
250 99.4 79.5 119.3
141 59.8 48.2 72.2

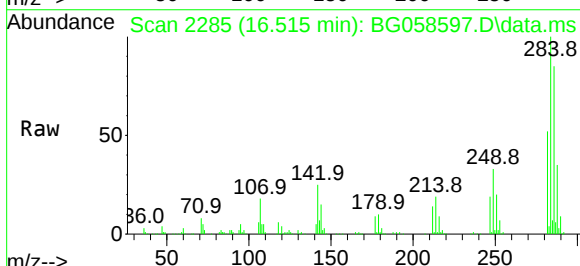
Manual Integrations

APPROVED

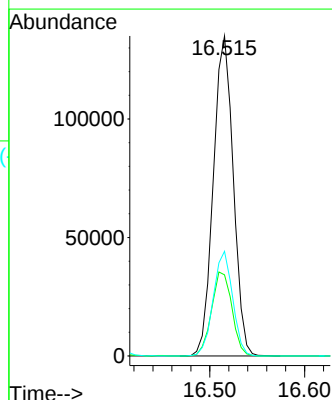
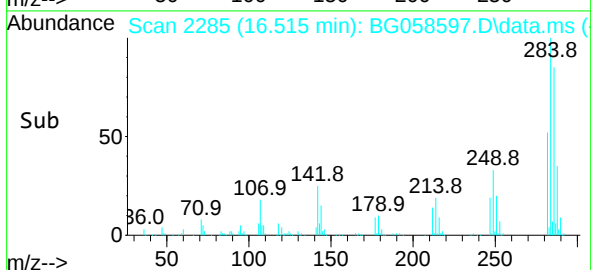
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

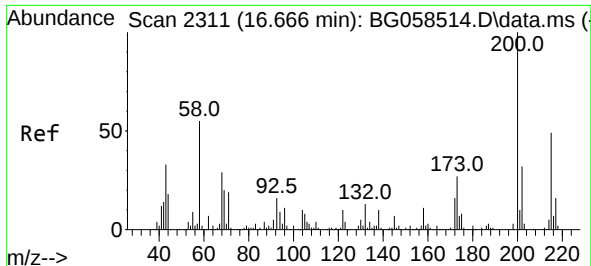


#68
Hexachlorobenzene
Concen: 55.959 ng
RT: 16.515 min Scan# 2285
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43



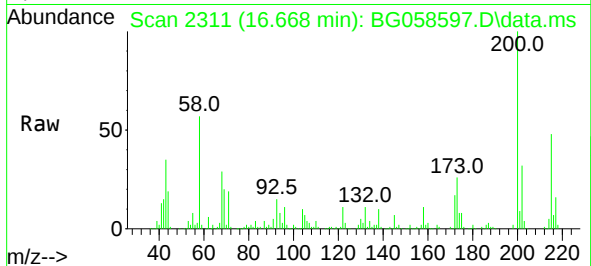
Tgt Ion:284 Resp: 197172
Ion Ratio Lower Upper
284 100
142 25.4 21.0 31.4
249 32.7 25.5 38.3





#69
 Atrazine
 Concen: 63.297 ng
 RT: 16.668 min Scan# 211
 Delta R.T. 0.003 min
 Lab File: BG058597.D
 Acq: 3 Aug 2023 17:43

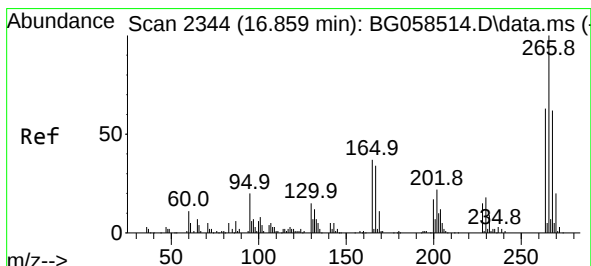
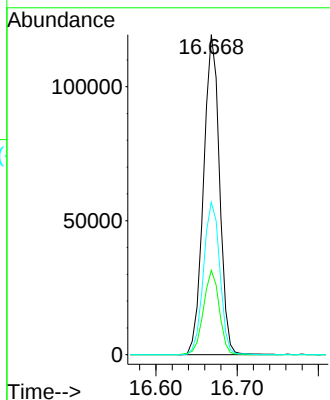
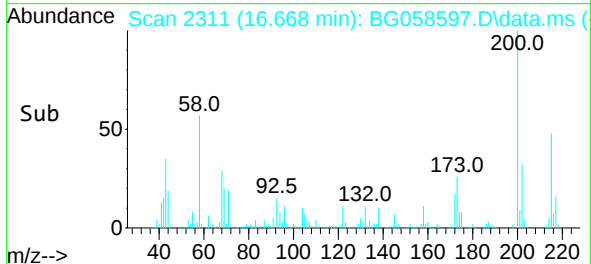
Instrument :
 BNA_G
 ClientSampleId :
 B-P32BMS



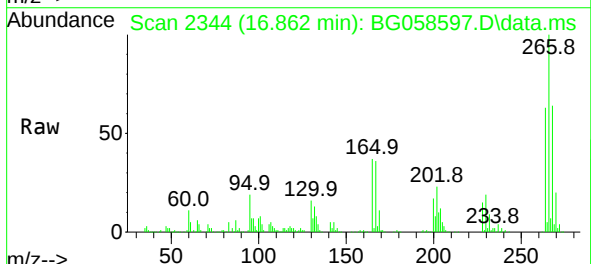
Tgt Ion:200 Resp: 16304
 Ion Ratio Lower Upper
 200 100
 173 26.3 6.5 46.5
 215 47.6 28.9 68.9

Manual Integrations
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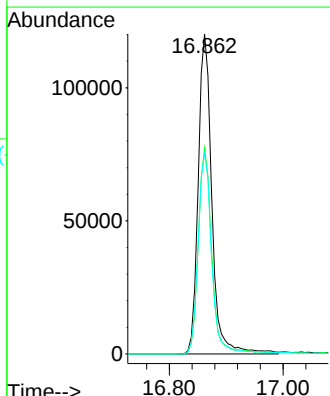
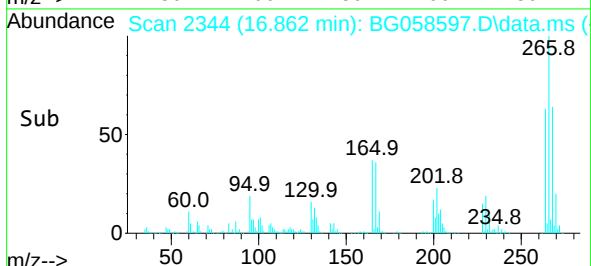
Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023

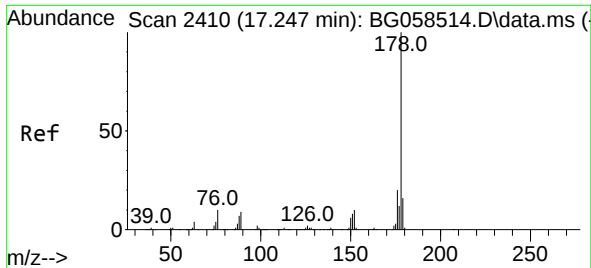


#70
 Pentachlorophenol
 Concen: 94.134 ng
 RT: 16.862 min Scan# 2344
 Delta R.T. 0.003 min
 Lab File: BG058597.D
 Acq: 3 Aug 2023 17:43



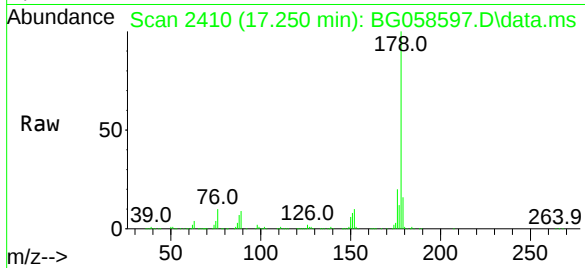
Tgt Ion:266 Resp: 200761
 Ion Ratio Lower Upper
 266 100
 268 64.4 49.9 74.9
 264 62.8 50.2 75.4





#71
Phenanthrene
Concen: 52.849 ng
RT: 17.250 min Scan# 2410
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

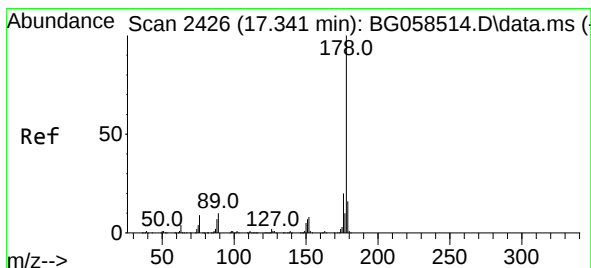
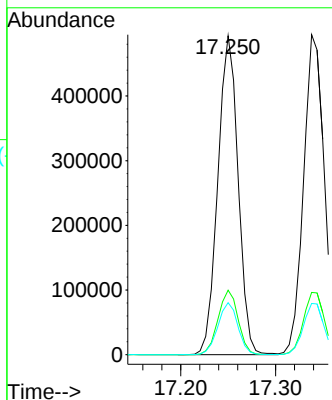
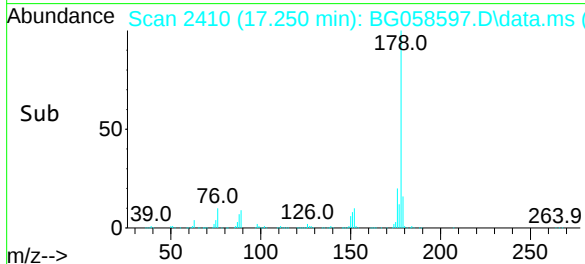
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



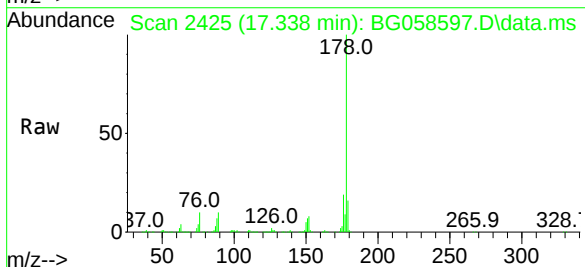
Tgt Ion:178 Resp: 734775
Ion Ratio Lower Upper
178 100
176 20.2 16.3 24.5
179 16.3 13.1 19.7

Manual Integrations
APPROVED

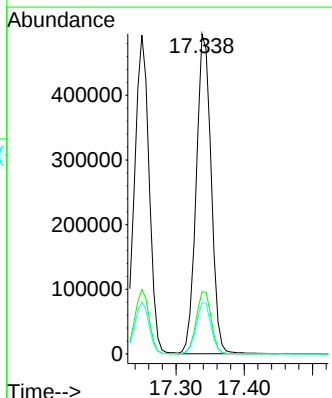
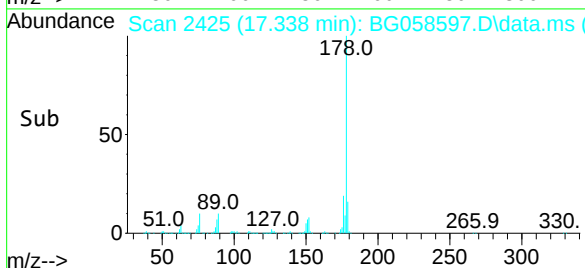
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

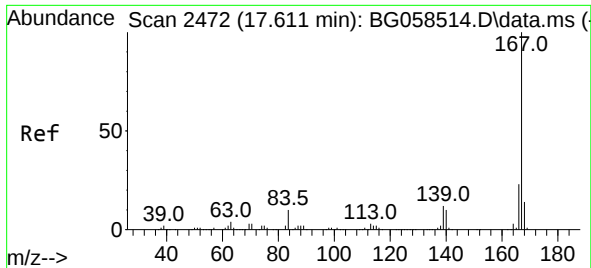


#72
Anthracene
Concen: 52.618 ng
RT: 17.338 min Scan# 2425
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43



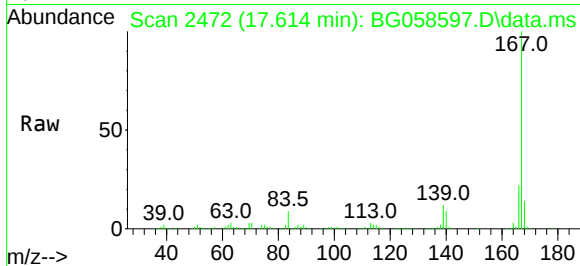
Tgt Ion:178 Resp: 750644
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 16.0 12.9 19.3





#73
 Carbazole
 Concen: 54.813 ng
 RT: 17.614 min Scan# 2472
 Delta R.T. 0.003 min
 Lab File: BG058597.D
 Acq: 3 Aug 2023 17:43

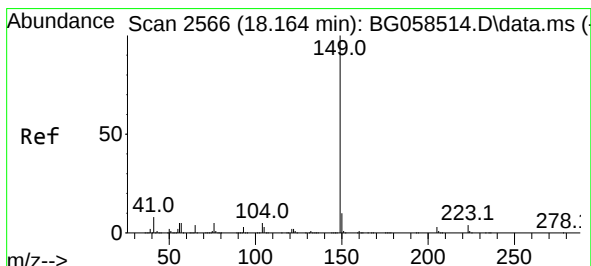
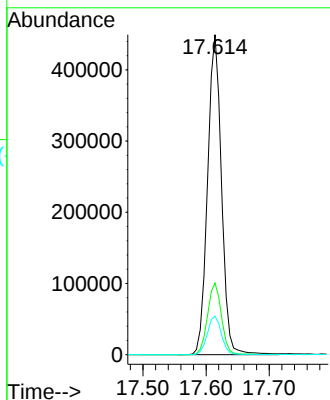
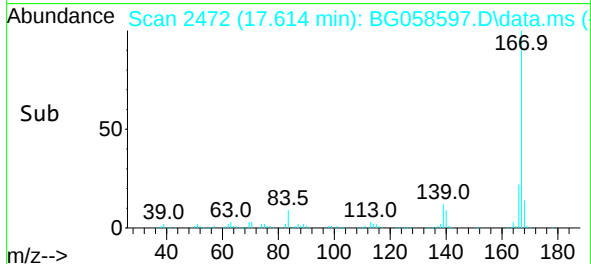
Instrument :
 BNA_G
 ClientSampleId :
 B-P32BMS



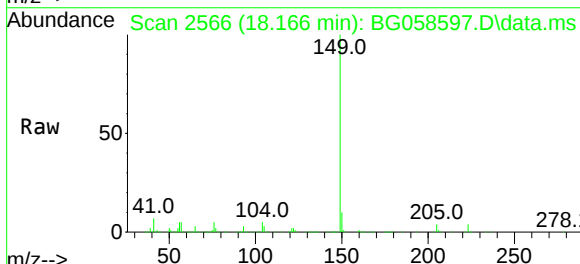
Tgt Ion:167 Resp: 689550
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.4 27.6
 139 12.1 10.0 15.0

Manual Integrations
 APPROVED

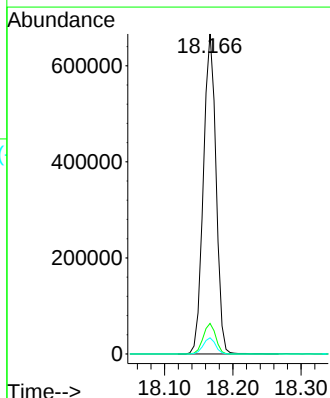
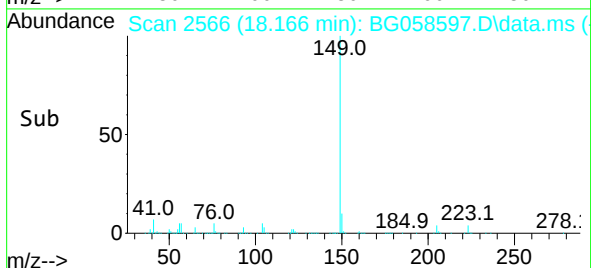
Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023

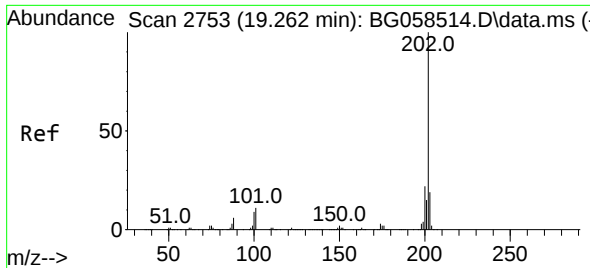


#74
 Di-n-butylphthalate
 Concen: 54.537 ng
 RT: 18.166 min Scan# 2566
 Delta R.T. 0.003 min
 Lab File: BG058597.D
 Acq: 3 Aug 2023 17:43



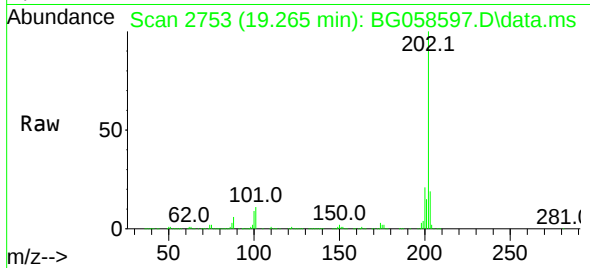
Tgt Ion:149 Resp: 859342
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 52.848 ng
RT: 19.265 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

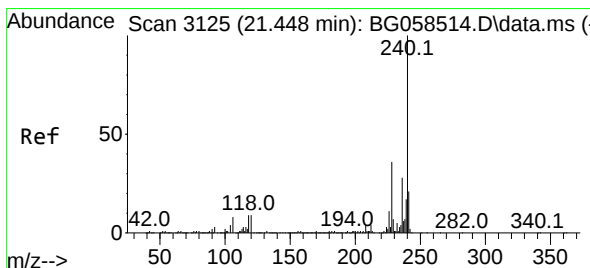
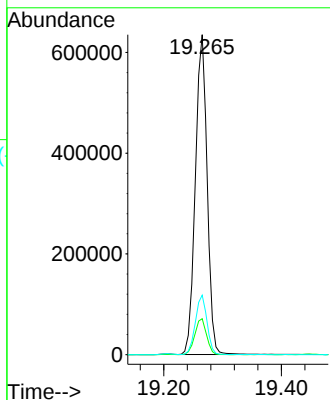
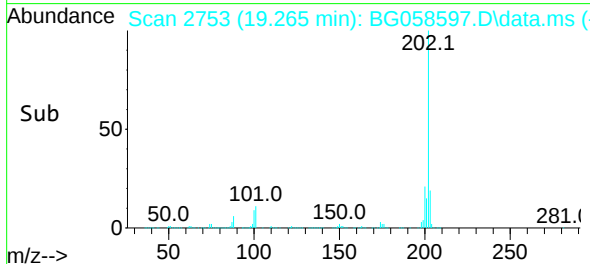
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



Tgt Ion:202 Resp: 88260
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 18.6 0.0 39.0

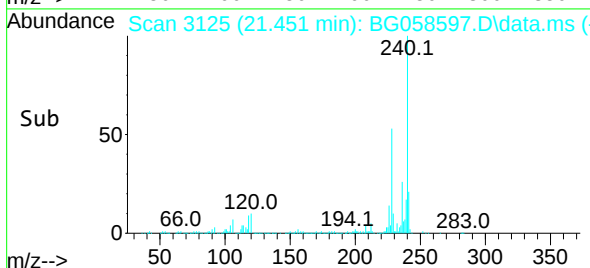
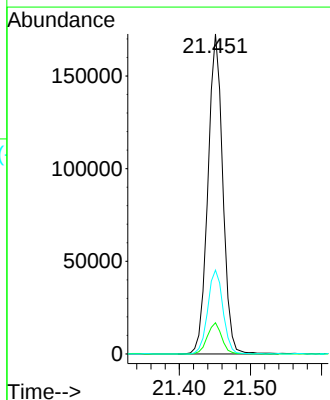
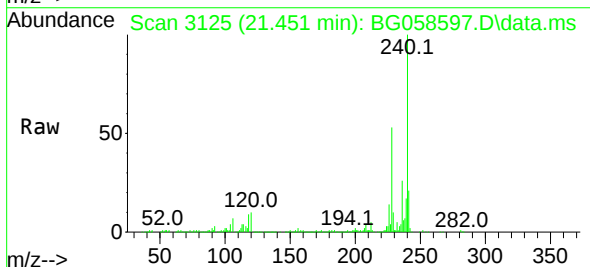
Manual Integrations
APPROVED

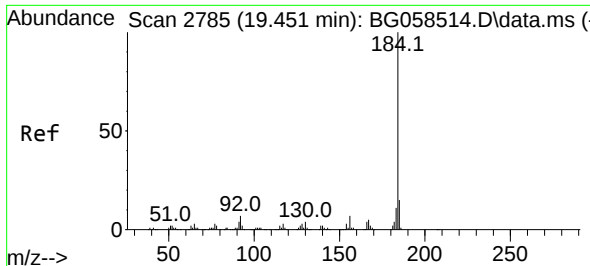
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3125
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

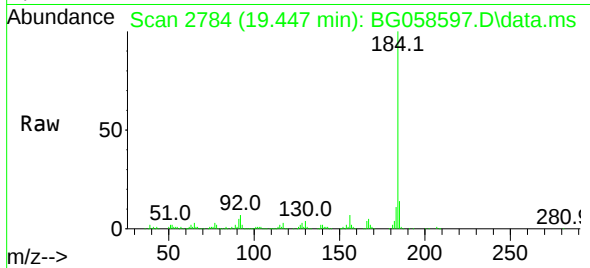
Tgt Ion:240 Resp: 251167
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.0
236 26.2 22.2 33.4





#77
Benzidine
Concen: 73.538 ng
RT: 19.447 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

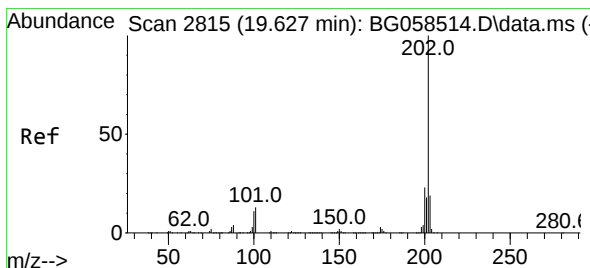
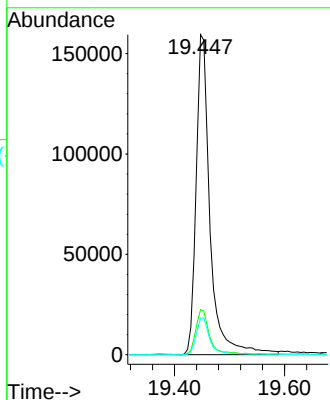
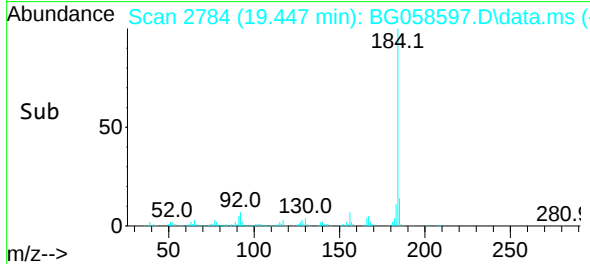
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



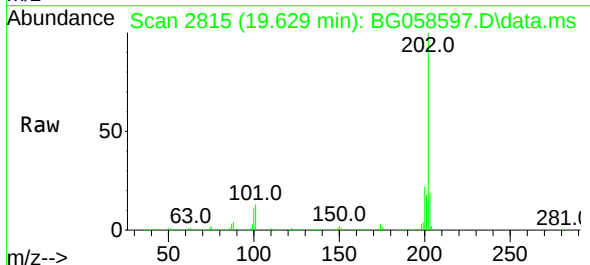
Tgt Ion:184 Resp: 28008
Ion Ratio Lower Upper
184 100
185 14.1 11.9 17.9
183 11.5 8.7 13.1

Manual Integrations
APPROVED

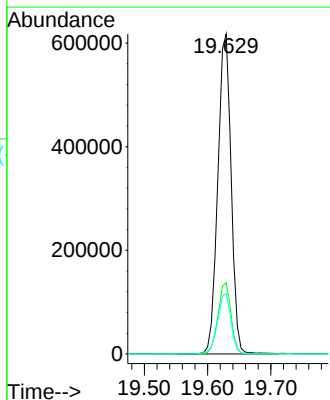
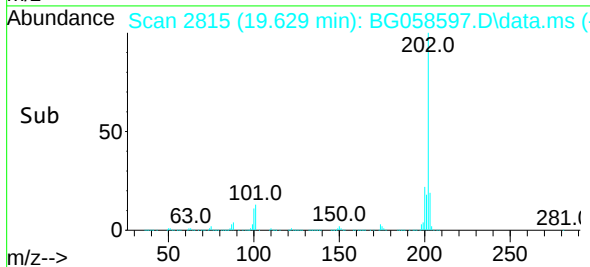
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

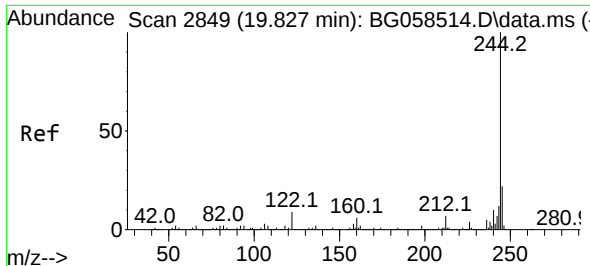


#78
Pyrene
Concen: 52.926 ng
RT: 19.629 min Scan# 2815
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43



Tgt Ion:202 Resp: 904687
Ion Ratio Lower Upper
202 100
200 22.3 18.2 27.2
203 18.9 15.1 22.7





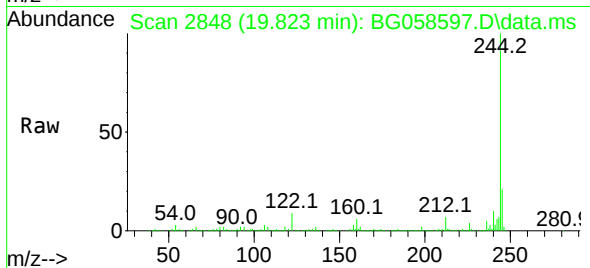
#79
 Terphenyl-d14
 Concen: 84.889 ng
 RT: 19.823 min Scan# 2848
 Delta R.T. -0.003 min
 Lab File: BG058597.D
 Acq: 3 Aug 2023 17:43

Instrument :

BNA_G

ClientSampleId :

B-P32BMS

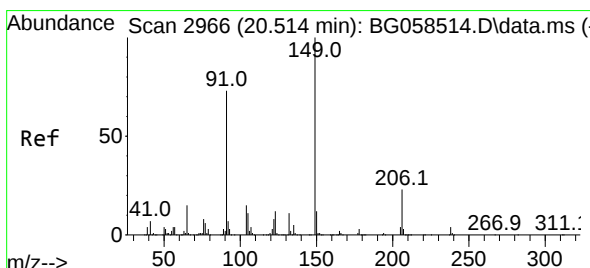
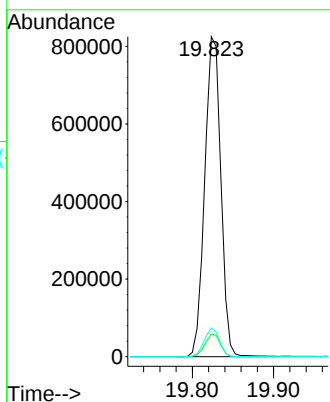
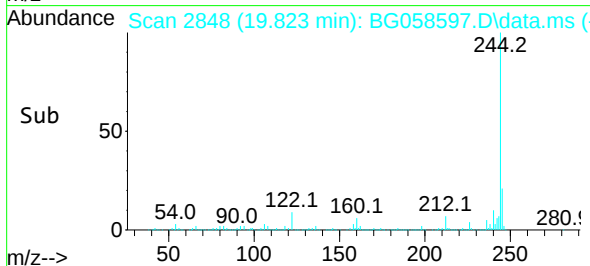


Tgt Ion:244 Resp: 1133792
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.9 6.8 10.2

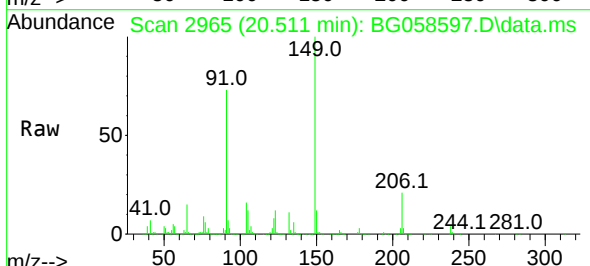
Manual Integrations

APPROVED

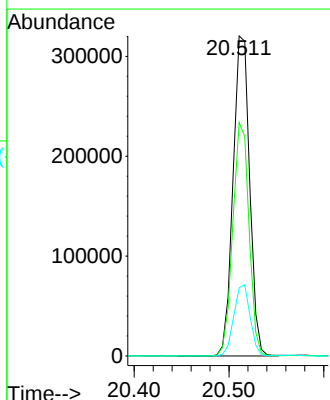
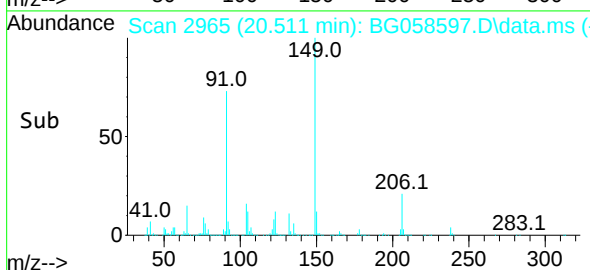
Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023

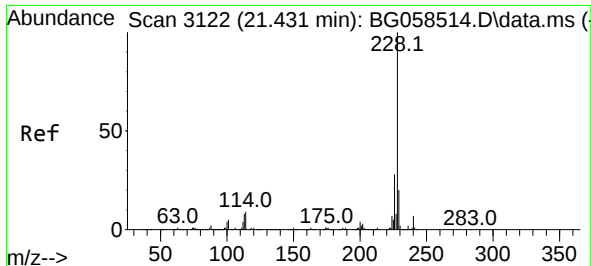


#80
 Butylbenzylphthalate
 Concen: 55.523 ng
 RT: 20.511 min Scan# 2965
 Delta R.T. -0.003 min
 Lab File: BG058597.D
 Acq: 3 Aug 2023 17:43



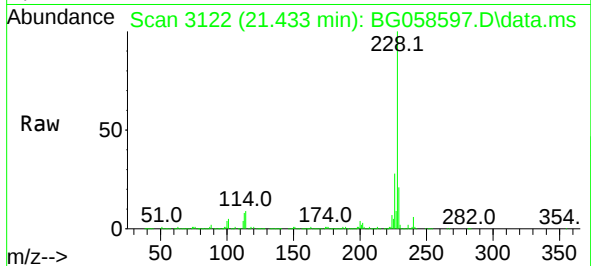
Tgt Ion:149 Resp: 389837
 Ion Ratio Lower Upper
 149 100
 91 72.9 58.4 87.6
 206 21.3 18.3 27.5





#81
Benzo(a)anthracene
Concen: 53.785 ng
RT: 21.433 min Scan# 3122
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

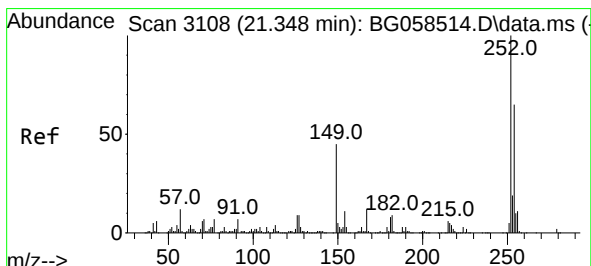
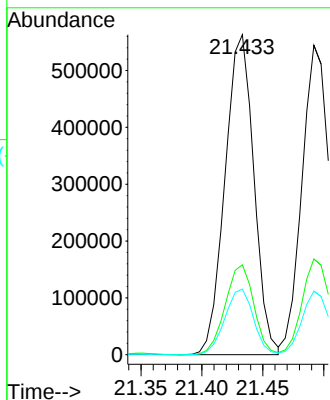
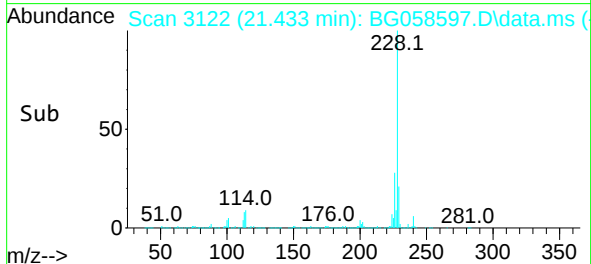
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



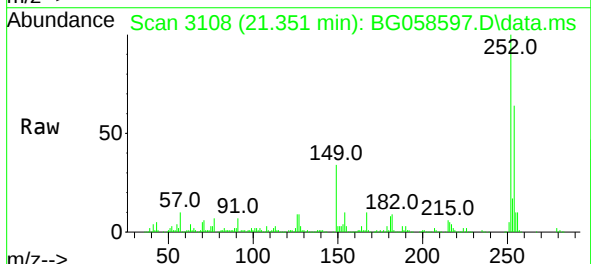
Tgt Ion:228 Resp: 929674
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.5 16.3 24.5

Manual Integrations
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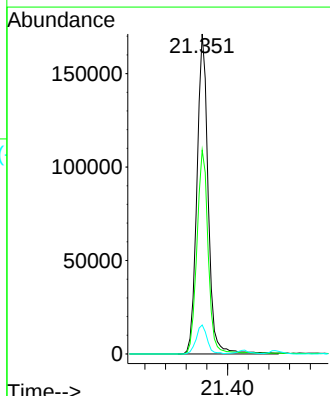
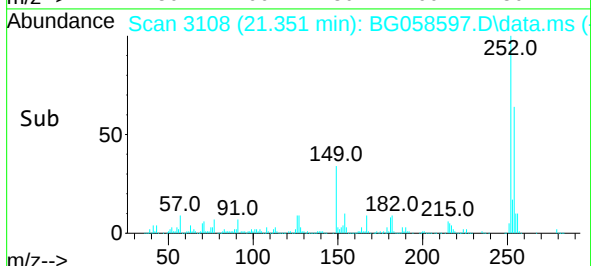
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

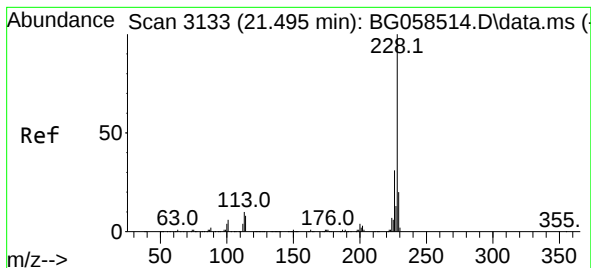


#82
3,3'-Dichlorobenzidine
Concen: 44.056 ng
RT: 21.351 min Scan# 3108
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43



Tgt Ion:252 Resp: 257474
Ion Ratio Lower Upper
252 100
254 63.7 52.2 78.4
126 9.1 7.2 10.8





#83

Chrysene

Concen: 51.734 ng

RT: 21.492 min Scan# 3133

Delta R.T. -0.003 min

Lab File: BG058597.D

Acq: 3 Aug 2023 17:43

Instrument :

BNA_G

ClientSampleId :

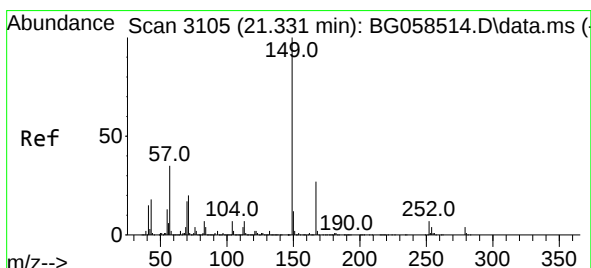
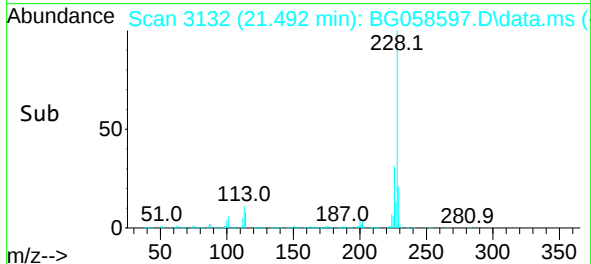
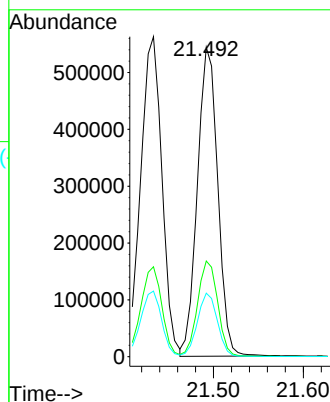
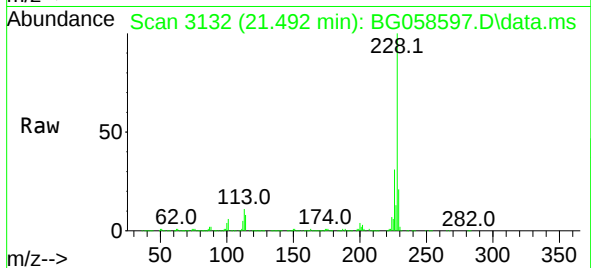
B-P32BMS

Tgt Ion:228 Resp: 857378
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 20.5 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.737 ng

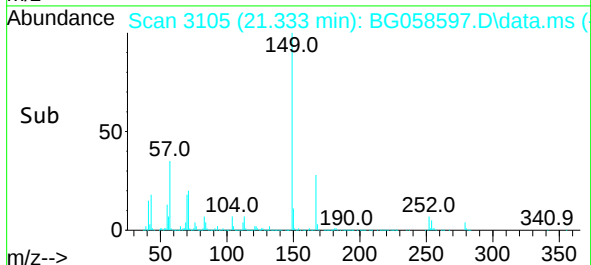
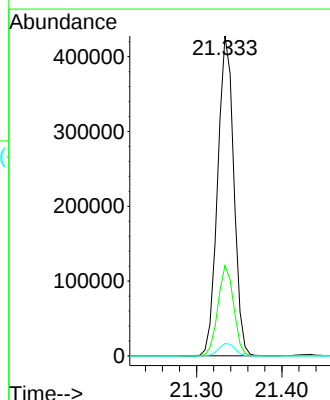
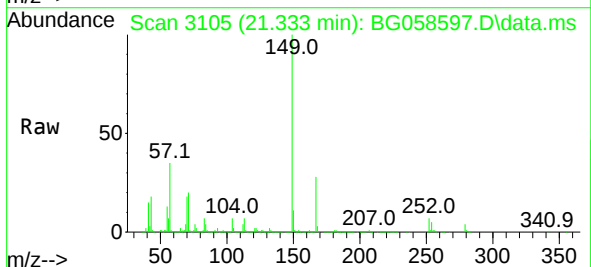
RT: 21.333 min Scan# 3105

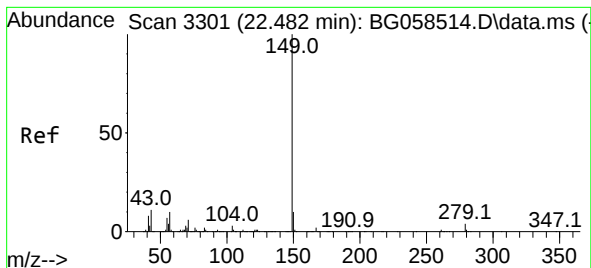
Delta R.T. 0.003 min

Lab File: BG058597.D

Acq: 3 Aug 2023 17:43

Tgt Ion:149 Resp: 561624
 Ion Ratio Lower Upper
 149 100
 167 28.3 21.8 32.8
 279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 55.168 ng

RT: 22.485 min Scan# 3301

Delta R.T. 0.003 min

Lab File: BG058597.D

Acq: 3 Aug 2023 17:43

Instrument :

BNA_G

ClientSampleId :

B-P32BMS

Tgt Ion:149 Resp: 995172

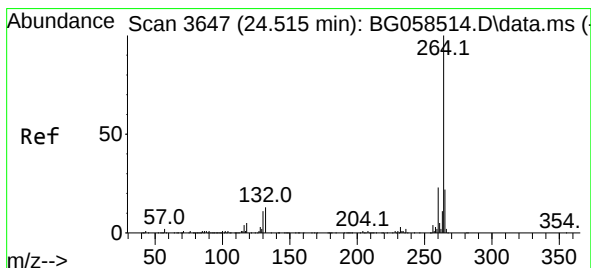
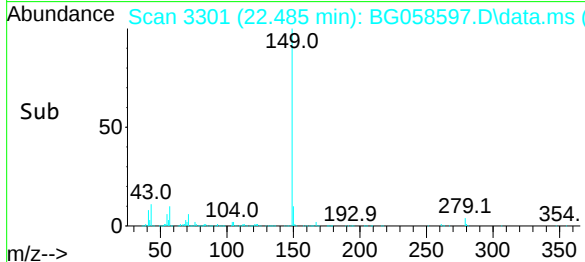
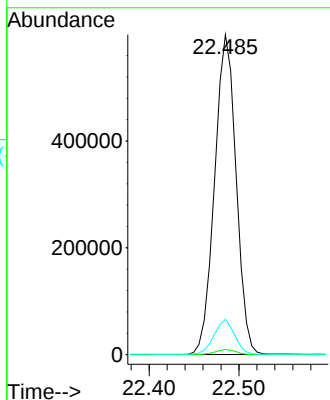
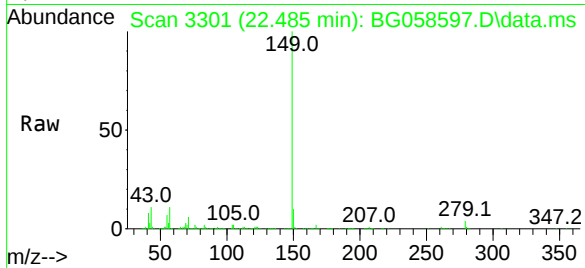
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.3	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.518 min Scan# 3647

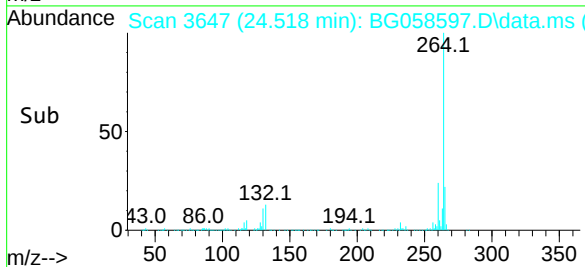
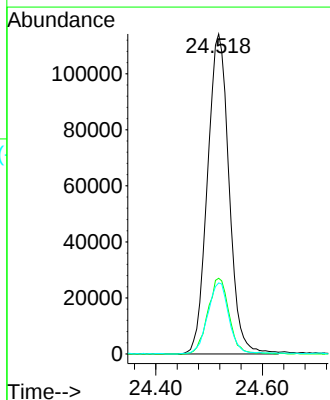
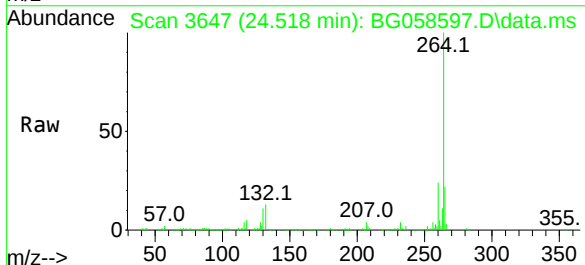
Delta R.T. 0.003 min

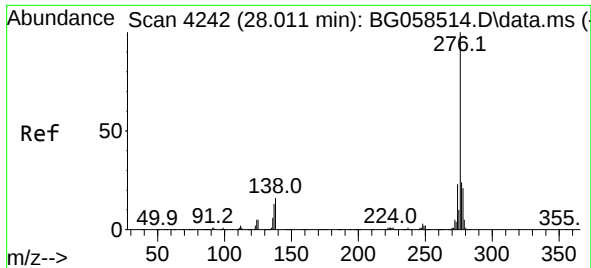
Lab File: BG058597.D

Acq: 3 Aug 2023 17:43

Tgt Ion:264 Resp: 321015

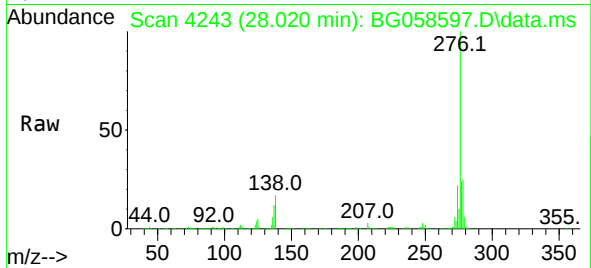
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	22.2	17.9	26.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.853 ng
RT: 28.020 min Scan# 41
Delta R.T. 0.009 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

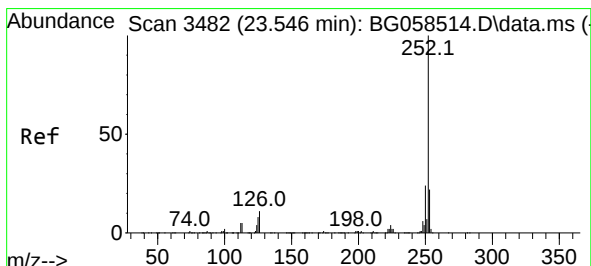
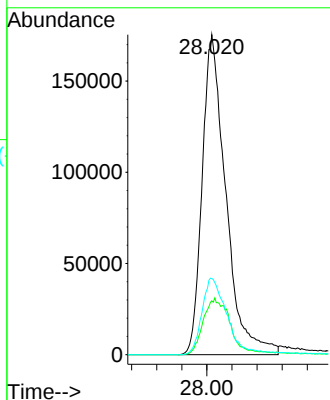
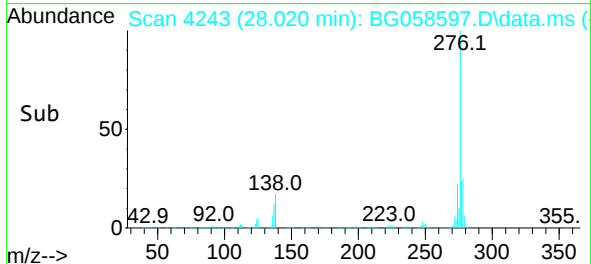
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



Tgt Ion:276 Resp: 115008
Ion Ratio Lower Upper
276 100
138 20.2 16.0 24.0
277 25.4 20.4 30.6

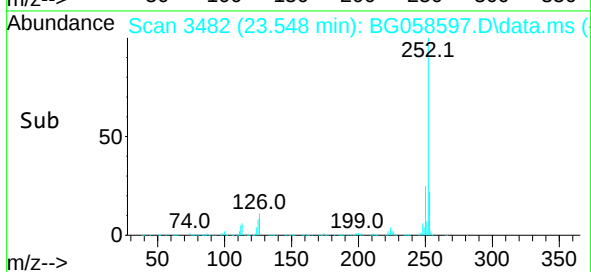
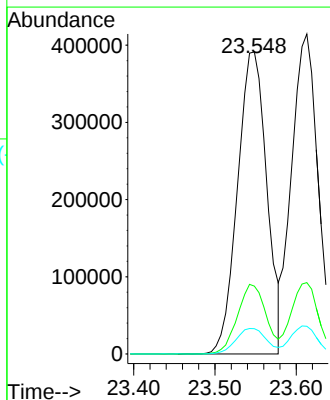
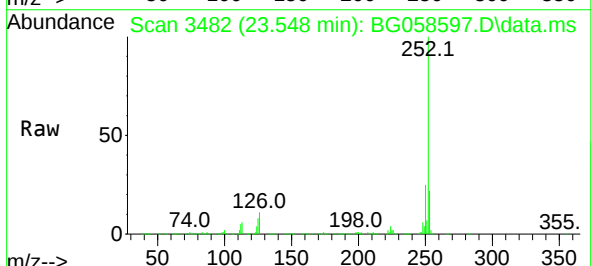
Manual Integrations
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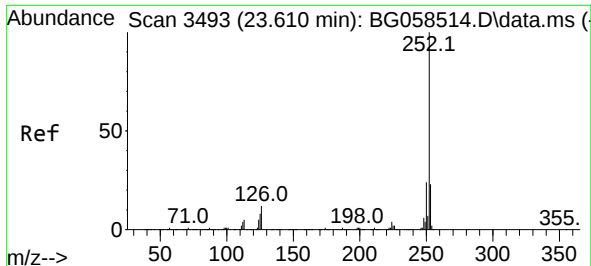
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#88
Benzo(b)fluoranthene
Concen: 56.344 ng
RT: 23.548 min Scan# 3482
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

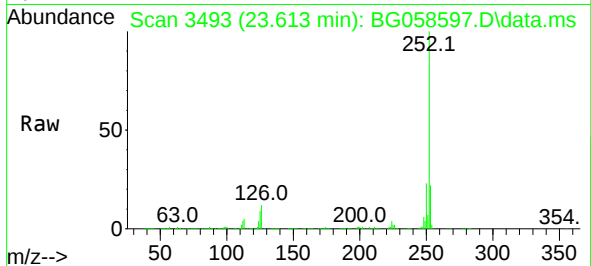
Tgt Ion:252 Resp: 981015
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 8.4 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 53.870 ng
RT: 23.613 min Scan# 3493
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

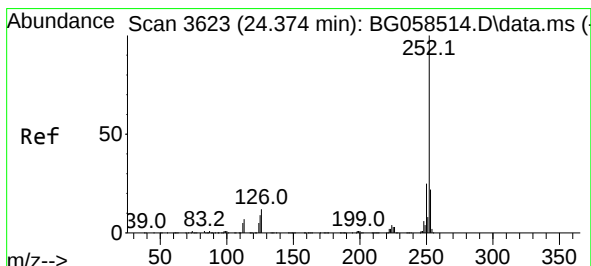
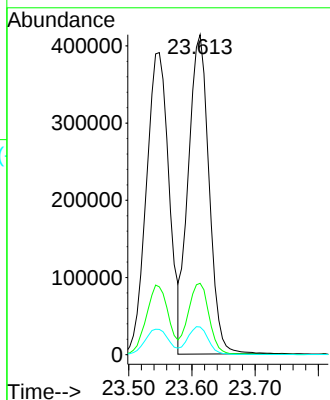
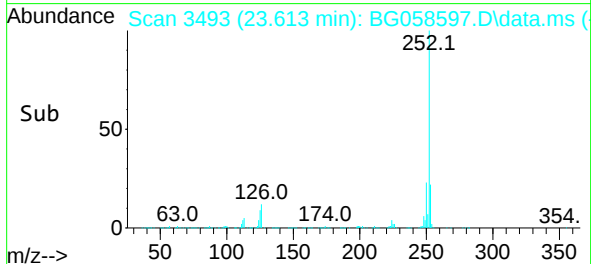
Instrument :
BNA_G
ClientSampleId :
B-P32BMS



Tgt Ion:252 Resp: 942244
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 8.7 6.6 10.0

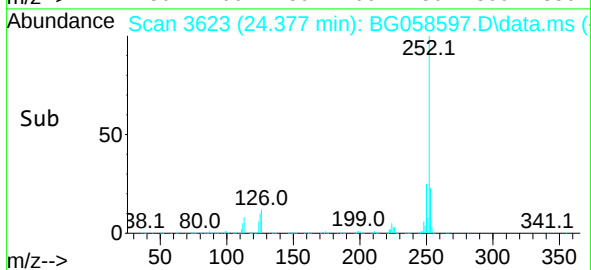
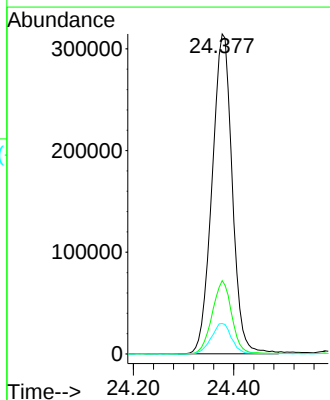
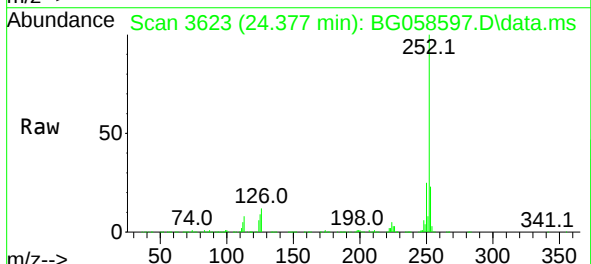
Manual Integrations
APPROVED

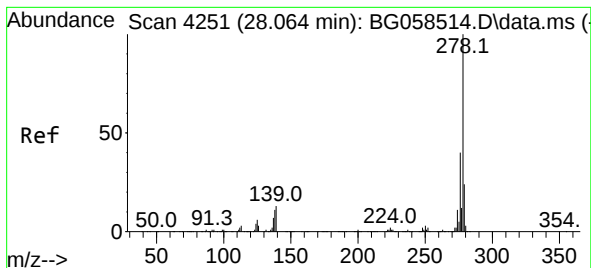
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023



#90
Benzo(a)pyrene
Concen: 51.234 ng
RT: 24.377 min Scan# 3623
Delta R.T. 0.003 min
Lab File: BG058597.D
Acq: 3 Aug 2023 17:43

Tgt Ion:252 Resp: 876042
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 9.5 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 54.277 ng

RT: 28.072 min Scan# 41

Delta R.T. 0.009 min

Lab File: BG058597.D

Acq: 3 Aug 2023 17:43

Instrument :

BNA_G

ClientSampleId :

B-P32BMS

Tgt Ion:278 Resp: 95845

Ion Ratio Lower Upper

278 100

139 13.4 10.4 15.6

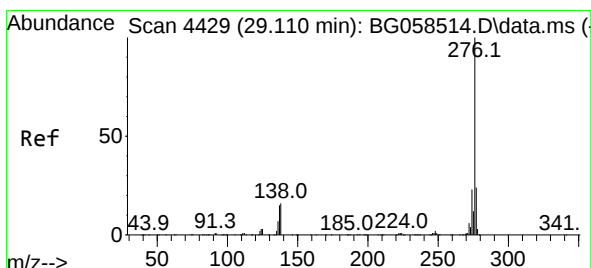
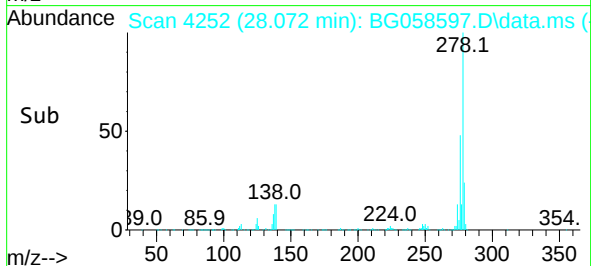
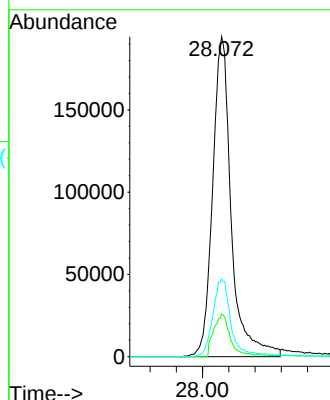
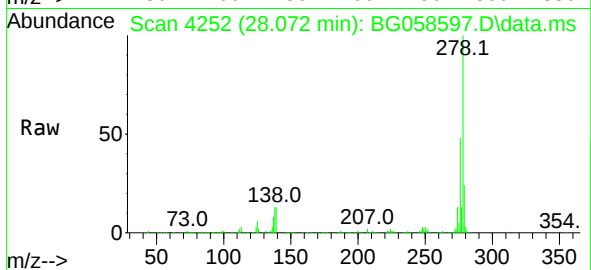
279 24.3 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#92

Benzo(g,h,i)perylene

Concen: 50.788 ng

RT: 29.112 min Scan# 4429

Delta R.T. 0.003 min

Lab File: BG058597.D

Acq: 3 Aug 2023 17:43

Tgt Ion:276 Resp: 899316

Ion Ratio Lower Upper

276 100

277 24.5 18.9 28.3

138 16.7 13.0 19.4

