

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053123\
 Data File : BG057623.D
 Acq On : 31 May 2023 15:54
 Operator : CG/JU
 Sample : 02971-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB16MSD

Quant Time: Jun 01 03:54:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/01/2023
 Supervised By :mohammad ahmed 06/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	21679	20.000	ng	0.00
21) Naphthalene-d8	11.181	136	89467	20.000	ng	# 0.00
39) Acenaphthene-d10	14.958	164	63950	20.000	ng	0.00
64) Phenanthrene-d10	17.701	188	157784	20.000	ng	0.00
76) Chrysene-d12	22.001	240	136362	20.000	ng	0.00
86) Perylene-d12	25.491	264	148510	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.864	112	144526	115.820	ng	0.00
7) Phenol-d6	7.492	99	212267	108.695	ng	0.00
23) Nitrobenzene-d5	9.524	82	129401	67.611	ng	0.00
42) 2,4,6-Tribromophenol	16.444	330	97531	95.258	ng	0.00
45) 2-Fluorobiphenyl	13.583	172	303076	68.109	ng	0.00
79) Terphenyl-d14	20.263	244	543201	69.003	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.650	88	24012	46.444	ng	95
3) Pyridine	4.073	79	64609	40.876	ng	96
4) n-Nitrosodimethylamine	3.985	42	31535	49.310	ng	88
6) Aniline	7.650	93	83531	35.357	ng	96
8) 2-Chlorophenol	7.903	128	73322	54.732	ng	95
9) Benzaldehyde	7.468	77	49222m	38.043	ng	
10) Phenol	7.515	94	98732	53.416	ng	99
11) bis(2-Chloroethyl)ether	7.738	93	68252	49.452	ng	98
12) 1,3-Dichlorobenzene	8.226	146	79671	55.822	ng	99
13) 1,4-Dichlorobenzene	8.373	146	80160	55.206	ng	97
14) 1,2-Dichlorobenzene	8.702	146	76631	54.107	ng	100
15) Benzyl Alcohol	8.578	79	76927	51.208	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.854	45	87758m	51.208	ng	
17) 2-Methylphenol	8.784	107	67265	49.556	ng	99
18) Hexachloroethane	9.436	117	28295	56.910	ng	94
19) n-Nitroso-di-n-propyla...	9.142	70	61476	45.312	ng	99
20) 3+4-Methylphenols	9.113	107	92581	48.588	ng	97
22) Acetophenone	9.172	105	116682	48.773	ng	96
24) Nitrobenzene	9.565	77	91304	46.997	ng	93
25) Isophorone	10.082	82	168562	44.808	ng	97
26) 2-Nitrophenol	10.282	139	41386	49.684	ng	93
27) 2,4-Dimethylphenol	10.329	122	74000	51.384	ng	99
28) bis(2-Chloroethoxy)met...	10.552	93	94221	48.302	ng	100
29) 2,4-Dichlorophenol	10.828	162	77953	51.537	ng	98
30) 1,2,4-Trichlorobenzene	11.034	180	82362	49.962	ng	100
31) Naphthalene	11.228	128	224568	47.450	ng	100
32) Benzoic acid	10.493	122	39353m	47.027	ng	
33) 4-Chloroaniline	11.339	127	64097	29.451	ng	97
34) Hexachlorobutadiene	11.498	225	57709	50.613	ng	99
35) Caprolactam	12.109	113	26487m	42.241	ng	
36) 4-Chloro-3-methylphenol	12.438	107	84765	47.344	ng	97
37) 2-Methylnaphthalene	12.808	142	165068	44.439	ng	95
38) 1-Methylnaphthalene	13.025	142	153941	43.429	ng	99
40) 1,2,4,5-Tetrachloroben...	13.172	216	110281	52.539	ng	99
41) Hexachlorocyclopentadiene	13.143	237	63998	102.262	ng	95
43) 2,4,6-Trichlorophenol	13.407	196	71093	53.799	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.495	196	75773	48.144	ng	98
46) 1,1'-Biphenyl	13.795	154	232937	50.964	ng	98
47) 2-Chloronaphthalene	13.848	162	176735	51.337	ng	98
48) 2-Nitroaniline	14.047	65	57470	47.657	ng	98
49) Acenaphthylene	14.688	152	281063	48.212	ng	99
50) Dimethylphthalate	14.394	163	236212	44.816	ng	99
51) 2,6-Dinitrotoluene	14.529	165	53863	47.740	ng	93
52) Acenaphthene	15.023	154	172984	48.493	ng	97
53) 3-Nitroaniline	14.864	138	36774	31.249	ng	100
54) 2,4-Dinitrophenol	15.087	184	61321	89.199	ng	95
55) Dibenzofuran	15.352	168	284390	46.658	ng	99
56) 4-Nitrophenol	15.181	139	72891	92.964	ng	95
57) 2,4-Dinitrotoluene	15.322	165	76985	45.572	ng	99
58) Fluorene	15.998	166	235499	45.760	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.587	232	71709	48.634	ng	98
60) Diethylphthalate	15.739	149	242650	44.108	ng	99
61) 4-Chlorophenyl-phenyle...	15.974	204	132842	46.317	ng	98
62) 4-Nitroaniline	16.027	138	53745	42.338	ng	93
63) Azobenzene	16.268	77	243948	49.862	ng	99
65) 4,6-Dinitro-2-methylph...	16.092	198	50798	52.875	ng	96
66) n-Nitrosodiphenylamine	16.192	169	207503	50.598	ng	99
67) 4-Bromophenyl-phenylether	16.873	248	88966	50.266	ng	97
68) Hexachlorobenzene	17.008	284	94824	51.975	ng	98
69) Atrazine	17.126	200	95862	54.445	ng	98
70) Pentachlorophenol	17.355	266	85460	91.931	ng	95
71) Phenanthrene	17.742	178	391445	48.480	ng	99
72) Anthracene	17.831	178	402479	48.590	ng	99
73) Carbazole	18.101	167	357651	48.266	ng	98
74) Di-n-butylphthalate	18.612	149	415912	47.281	ng	99
75) Fluoranthene	19.734	202	468008	44.648	ng	100
77) Benzidine	19.898	184	171006	41.443	ng	97
78) Pyrene	20.092	202	477534	49.183	ng	98
80) Butylbenzylphthalate	20.938	149	175716	49.693	ng	98
81) Benzo(a)anthracene	21.984	228	464018	49.049	ng	98
82) 3,3'-Dichlorobenzidine	21.878	252	116354	33.352	ng	98
83) Chrysene	22.054	228	426876	47.749	ng	100
84) Bis(2-ethylhexyl)phtha...	21.819	149	250578	49.679	ng	99
85) Di-n-octyl phthalate	23.106	149	423405	50.643	ng	100
87) Indeno(1,2,3-cd)pyrene	29.550	276	517308	49.961	ng	99
88) Benzo(b)fluoranthene	24.375	252	461520	50.488	ng	98
89) Benzo(k)fluoranthene	24.445	252	455254	49.347	ng	98
90) Benzo(a)pyrene	25.332	252	407378	45.697	ng	99
91) Dibenzo(a,h)anthracene	29.591	278	432558	50.197	ng	100
92) Benzo(g,h,i)perylene	30.813	276	420067	49.984	ng	99

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

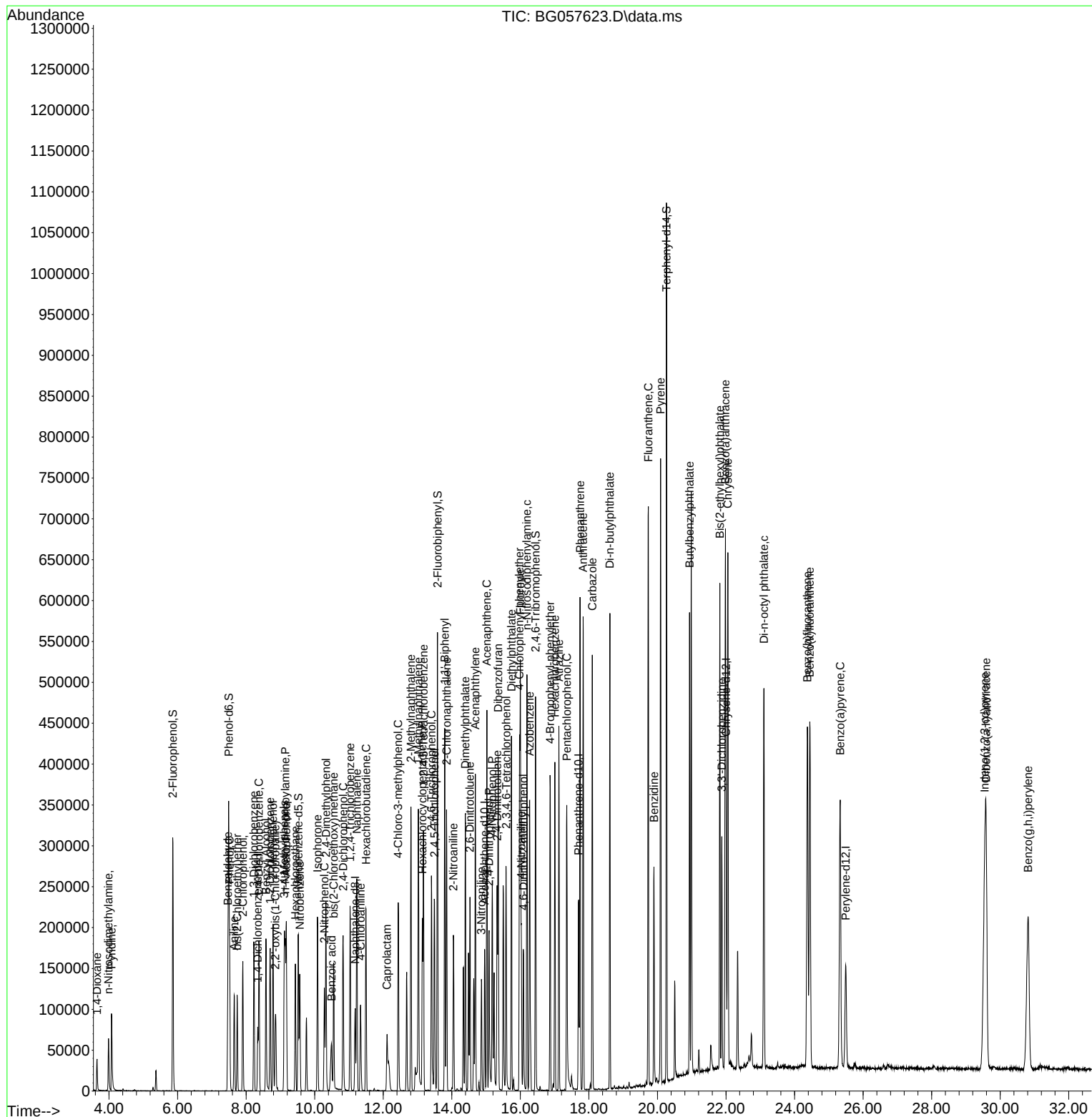
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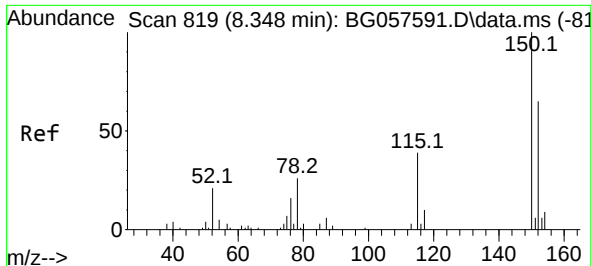
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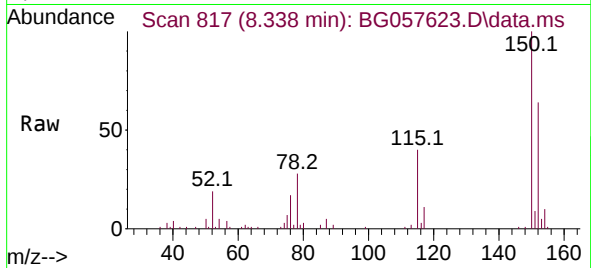
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.338 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

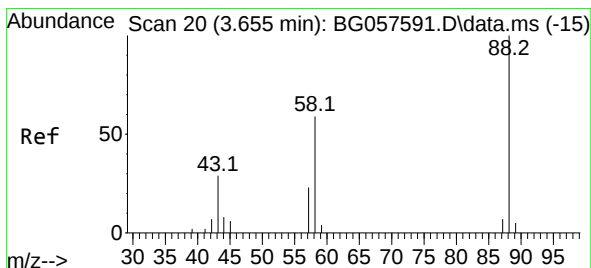
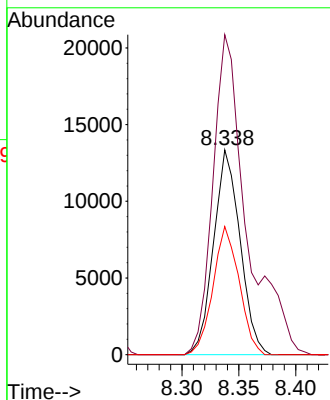
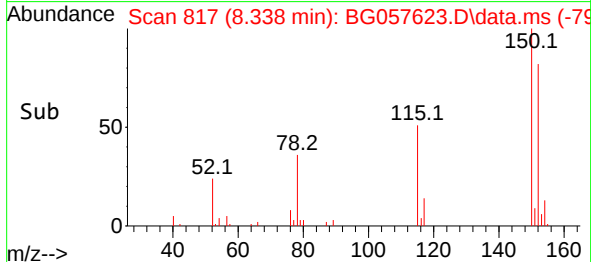
Instrument :
BNA_G
ClientSampleId :
SB16MSD



Tgt Ion:152 Resp: 21679
Ion Ratio Lower Upper
152 100
150 156.2 123.0 184.4
115 62.6 47.4 71.2

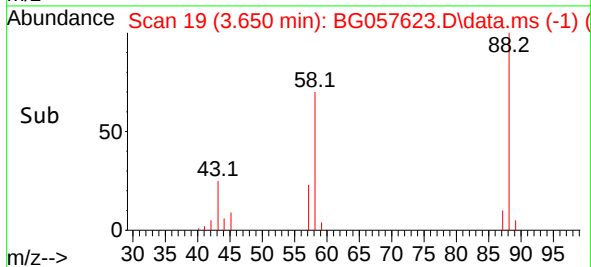
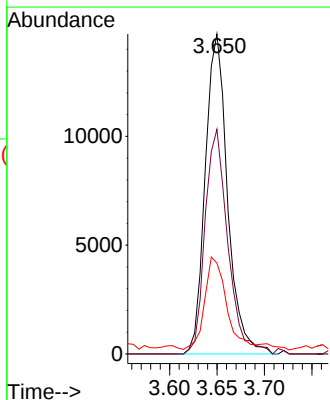
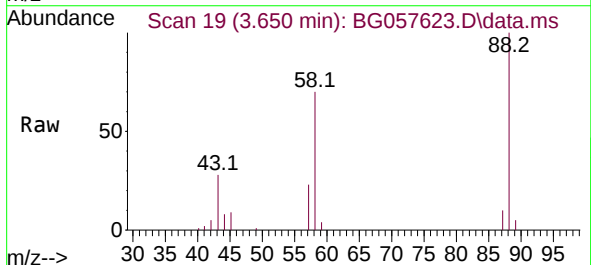
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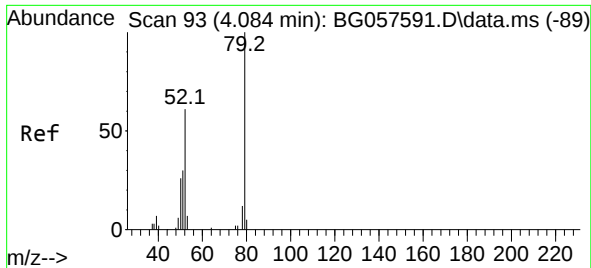
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#2
1,4-Dioxane
Concen: 46.444 ng
RT: 3.650 min Scan# 19
Delta R.T. 0.010 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion: 88 Resp: 24012
Ion Ratio Lower Upper
88 100
58 71.5 52.6 79.0
43 28.0 22.1 33.1





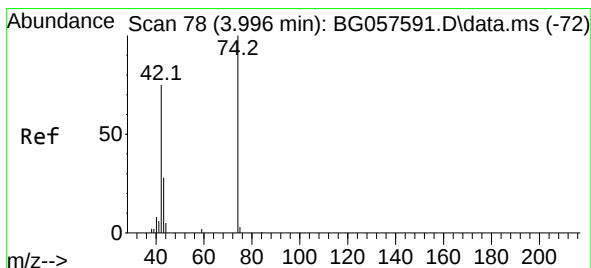
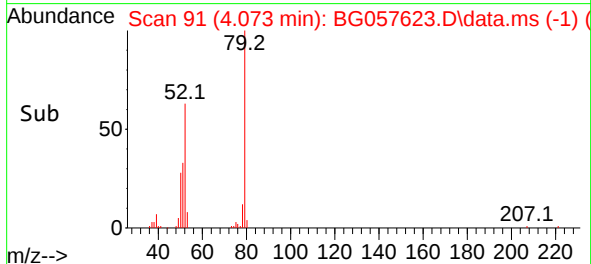
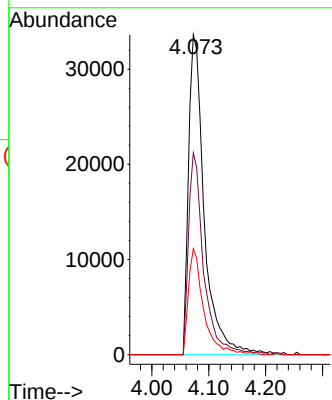
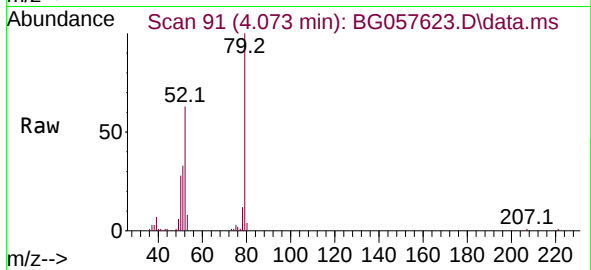
#3
Pyridine
Concen: 40.876 ng
RT: 4.073 min Scan# 91
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Instrument :
BNA_G
ClientSampleId :
SB16MSD

Tgt Ion: 79 Resp: 64609
Ion Ratio Lower Upper
79 100
52 63.1 48.4 72.6
51 33.1 24.4 36.6

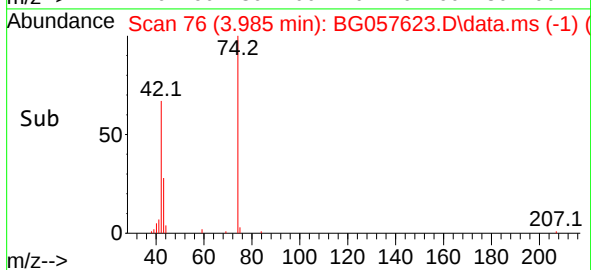
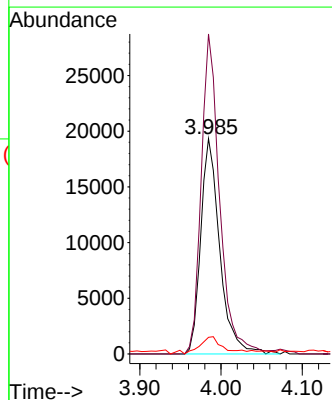
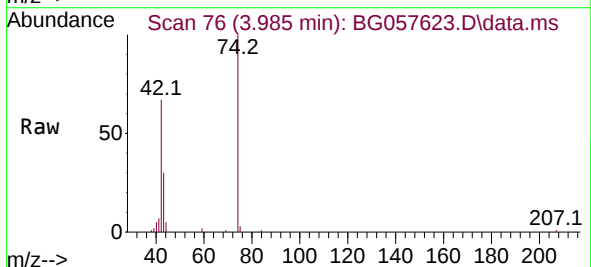
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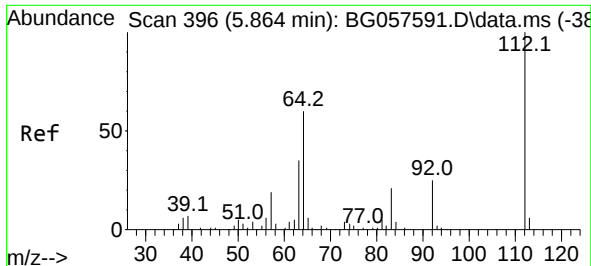
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#4
n-Nitrosodimethylamine
Concen: 49.310 ng
RT: 3.985 min Scan# 76
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion: 42 Resp: 31535
Ion Ratio Lower Upper
42 100
74 148.6 107.3 160.9
44 7.7 6.1 9.1





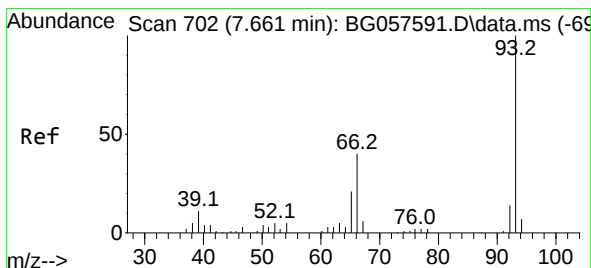
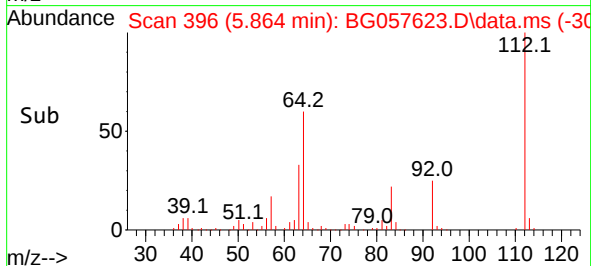
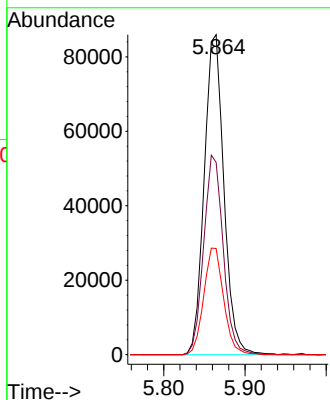
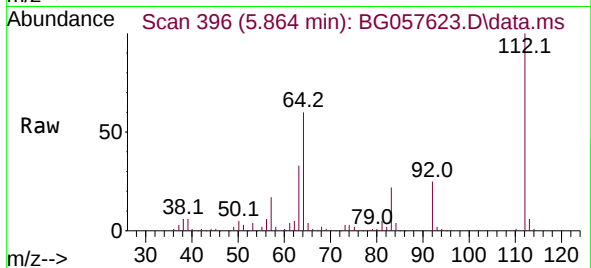
#5
2-Fluorophenol
Concen: 115.820 ng
RT: 5.864 min Scan# 396
Delta R.T. 0.010 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Instrument :
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ClientSampleId :
SB16MSD

Tgt Ion:112 Resp: 144520
Ion Ratio Lower Upper
112 100
64 60.1 47.8 71.6
63 33.2 27.8 41.8

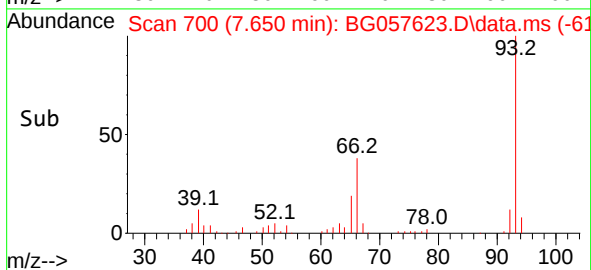
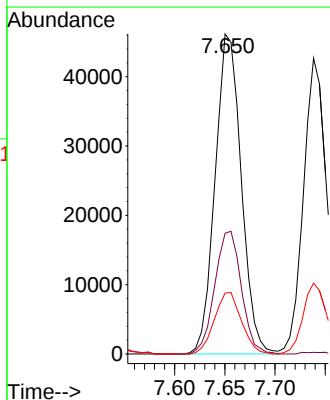
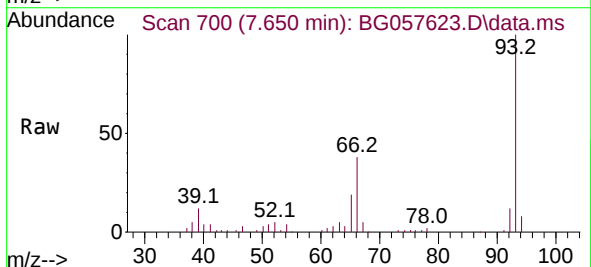
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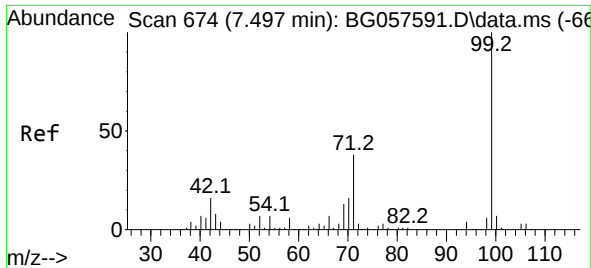
Reviewed By :Yogesh Patel 06/01/2023
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#6
Aniline
Concen: 35.357 ng
RT: 7.650 min Scan# 700
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion: 93 Resp: 83531
Ion Ratio Lower Upper
93 100
66 37.7 32.2 48.4
65 19.0 16.7 25.1





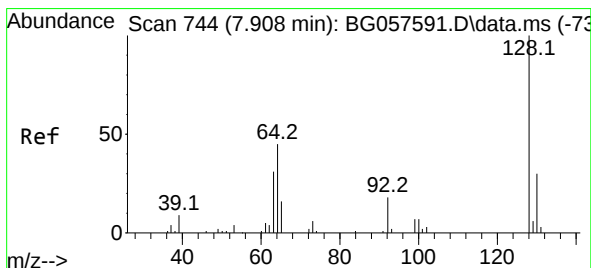
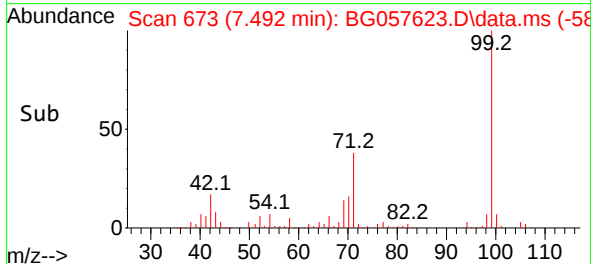
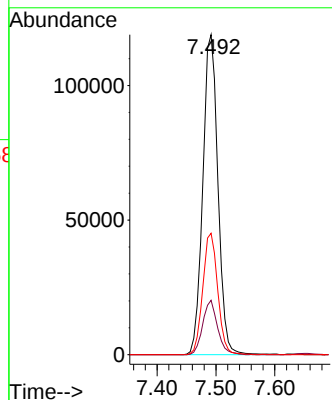
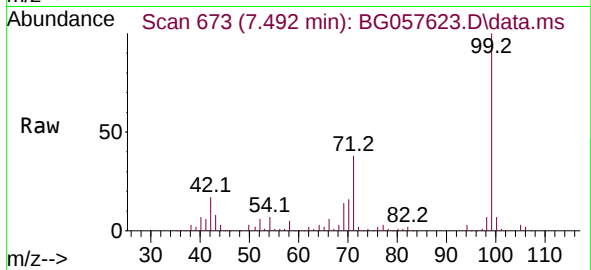
#7
Phenol-d6
Concen: 108.695 ng
RT: 7.492 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Instrument :
BNA_G
ClientSampleId :
SB16MSD

Tgt Ion: 99 Resp: 21226
Ion Ratio Lower Upper
99 100
42 17.0 12.8 19.2
71 37.9 30.3 45.5

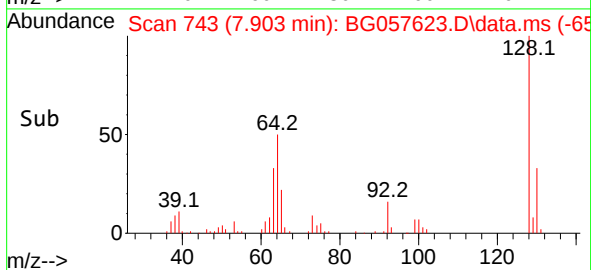
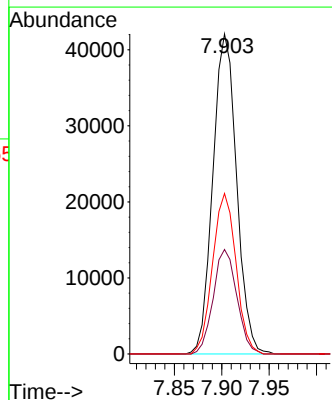
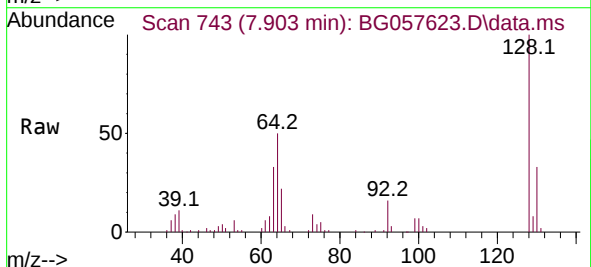
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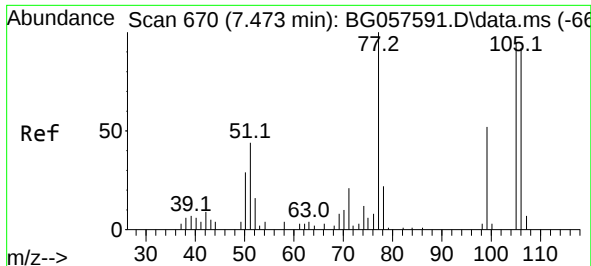
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#8
2-Chlorophenol
Concen: 54.732 ng
RT: 7.903 min Scan# 743
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:128 Resp: 73322
Ion Ratio Lower Upper
128 100
130 32.6 10.5 50.5
64 50.1 33.8 73.8





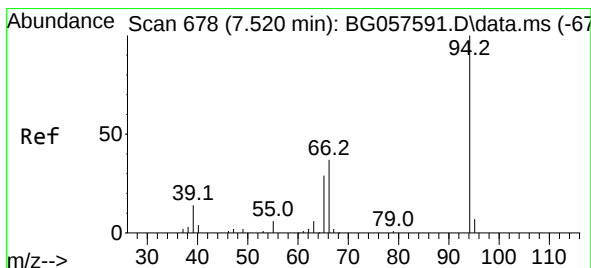
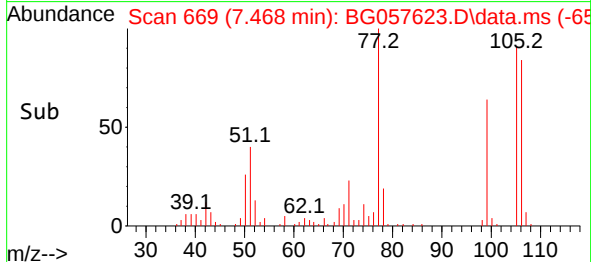
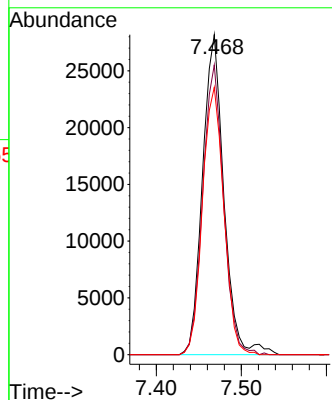
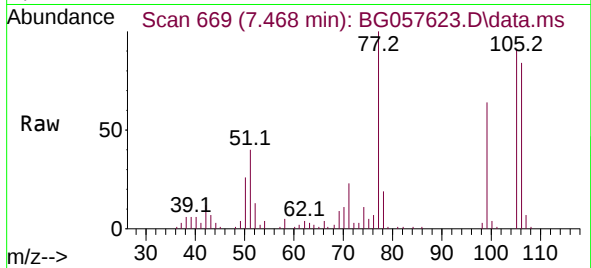
#9
Benzaldehyde
Concen: 38.043 ng m
RT: 7.468 min Scan# 60
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

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Tgt Ion: 77 Resp: 4922
Ion Ratio Lower Upper
77 100
105 90.5 75.0 115.0
106 83.6 72.5 112.5

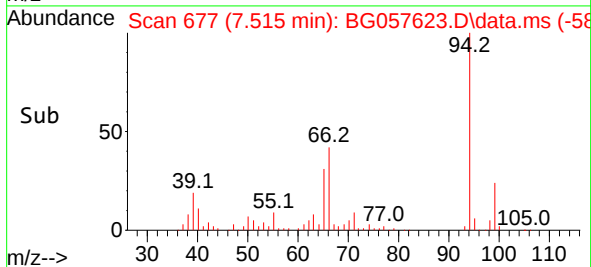
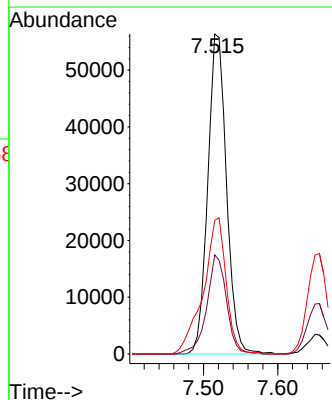
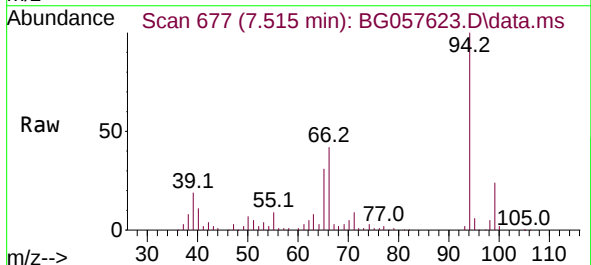
Manual Integrations
APPROVED

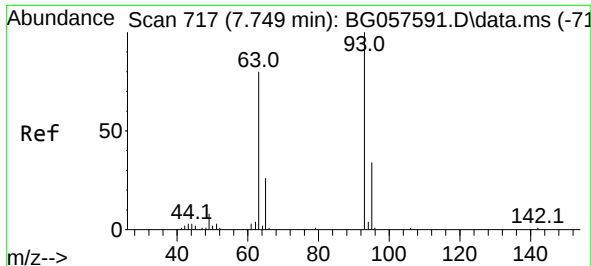
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#10
Phenol
Concen: 53.416 ng
RT: 7.515 min Scan# 677
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion: 94 Resp: 98732
Ion Ratio Lower Upper
94 100
65 30.9 9.6 49.6
66 41.7 22.0 62.0





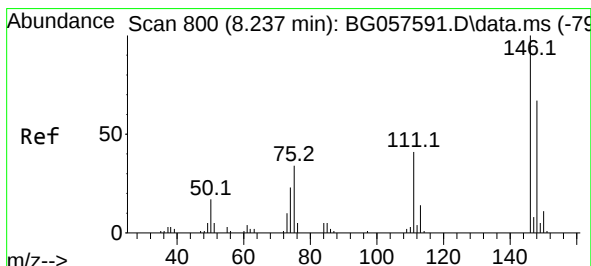
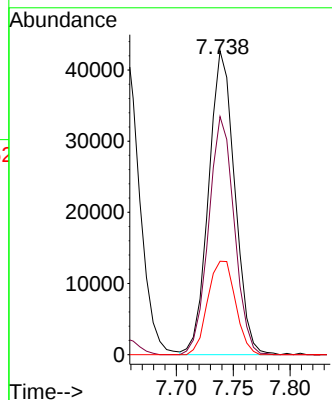
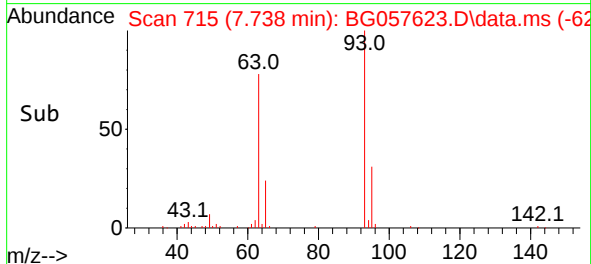
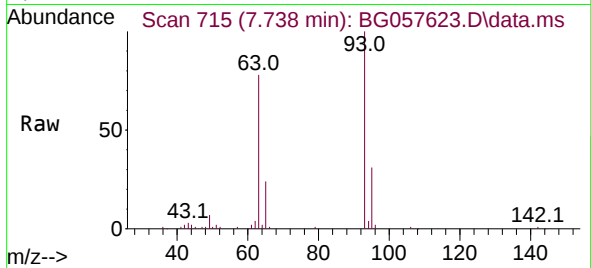
#11
bis(2-Chloroethyl)ether
Concen: 49.452 ng
RT: 7.738 min Scan# 715
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Instrument :
BNA_G
ClientSampleId :
SB16MSD

Tgt Ion: 93 Resp: 6825
Ion Ratio Lower Upper
93 100
63 78.4 59.3 99.3
95 30.8 14.1 54.1

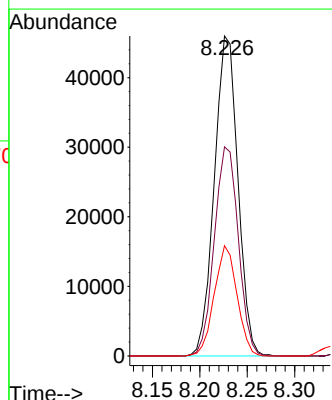
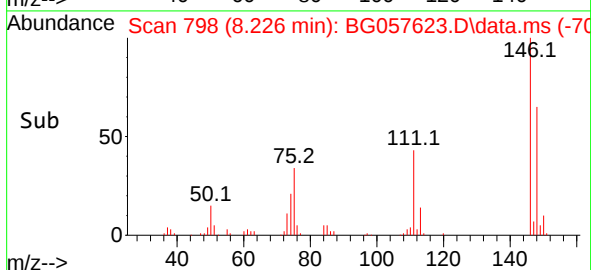
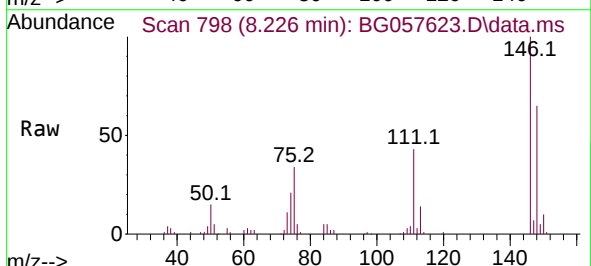
Manual Integrations
APPROVED

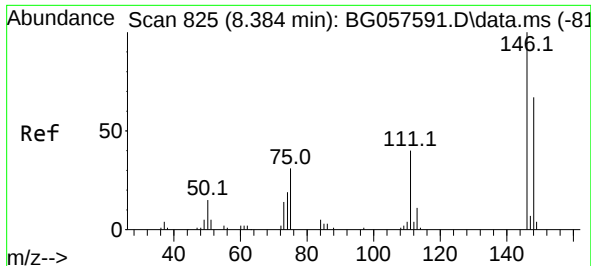
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#12
1,3-Dichlorobenzene
Concen: 55.822 ng
RT: 8.226 min Scan# 798
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:146 Resp: 79671
Ion Ratio Lower Upper
146 100
148 65.4 53.4 80.0
75 34.4 27.4 41.2





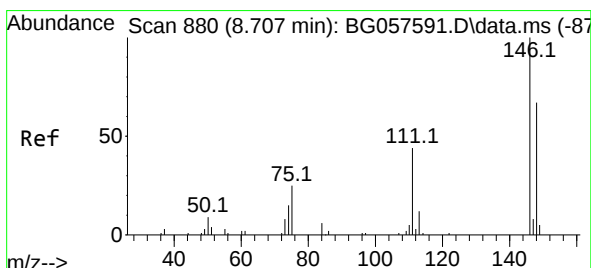
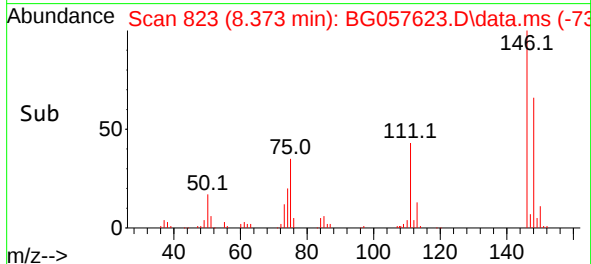
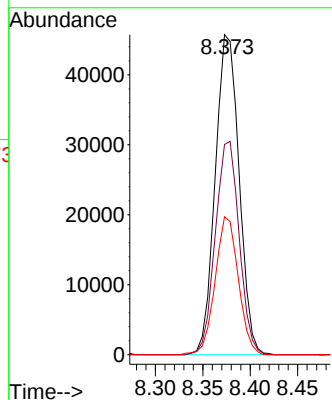
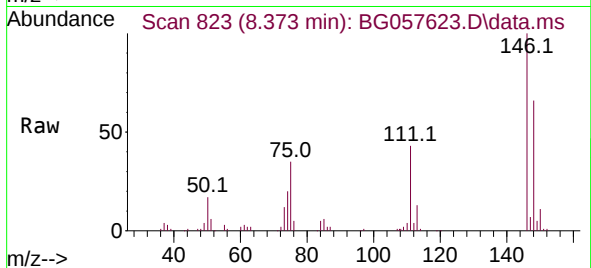
#13
1,4-Dichlorobenzene
Concen: 55.206 ng
RT: 8.373 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Instrument :
BNA_G
ClientSampleId :
SB16MSD

Tgt Ion:146 Resp: 80160
Ion Ratio Lower Upper
146 100
148 65.7 53.8 80.6
111 43.1 31.9 47.9

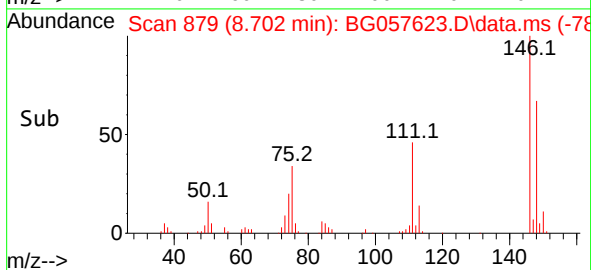
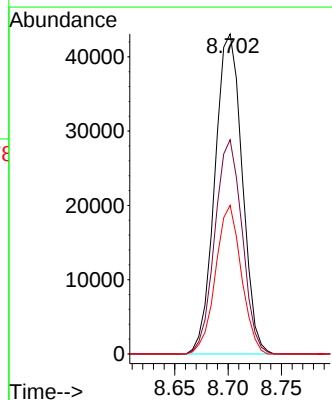
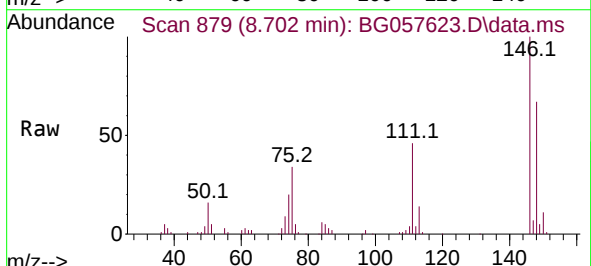
Manual Integrations
APPROVED

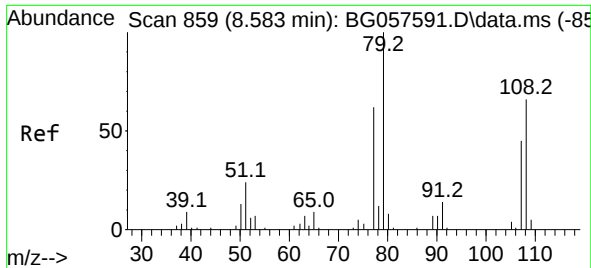
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#14
1,2-Dichlorobenzene
Concen: 54.107 ng
RT: 8.702 min Scan# 879
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:146 Resp: 76631
Ion Ratio Lower Upper
146 100
148 66.9 53.5 80.3
111 46.4 36.6 54.8





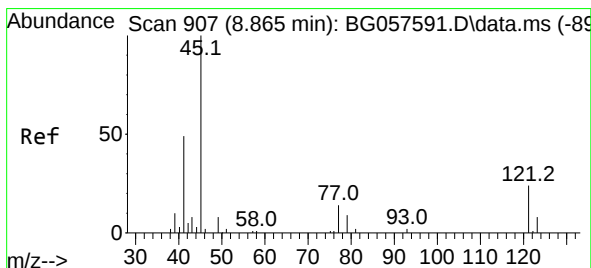
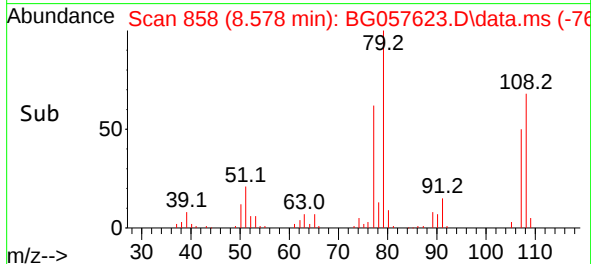
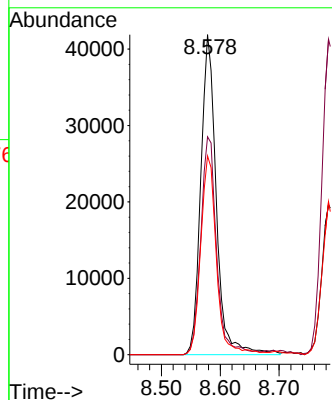
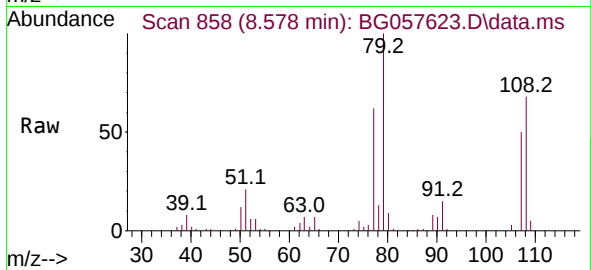
#15
Benzyl Alcohol
Concen: 51.208 ng
RT: 8.578 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Instrument :
BNA_G
ClientSampleId :
SB16MSD

Tgt Ion: 79 Resp: 7692
Ion Ratio Lower Upper
79 100
108 68.1 52.6 78.8
77 62.1 49.7 74.5

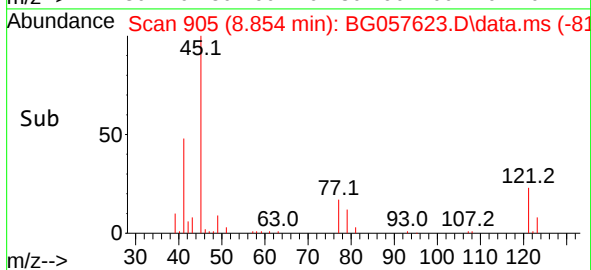
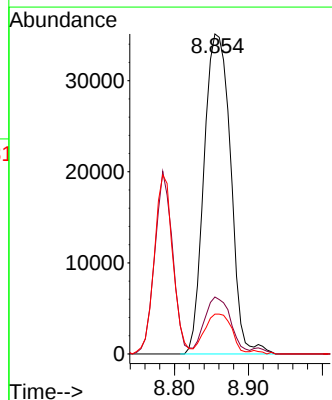
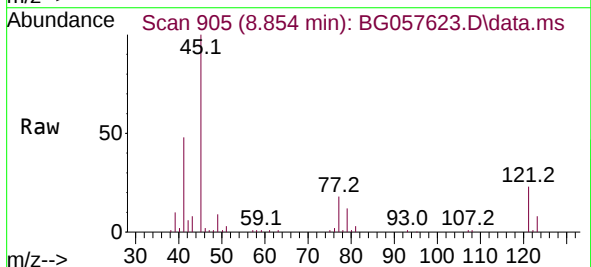
Manual Integrations
APPROVED

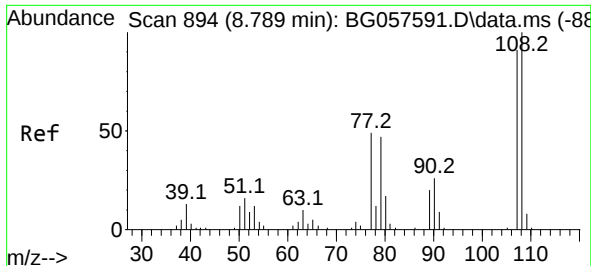
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.208 ng m
RT: 8.854 min Scan# 905
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

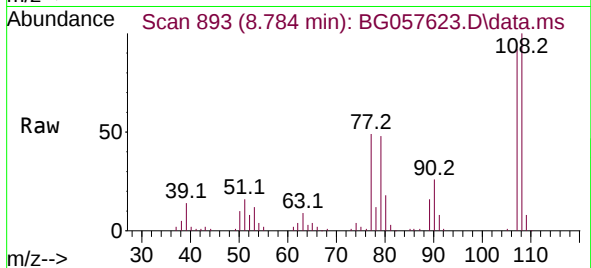
Tgt Ion: 45 Resp: 87758
Ion Ratio Lower Upper
45 100
77 17.8 0.0 39.2
79 12.4 0.0 34.2





#17
2-Methylphenol
Concen: 49.556 ng
RT: 8.784 min Scan# 894
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

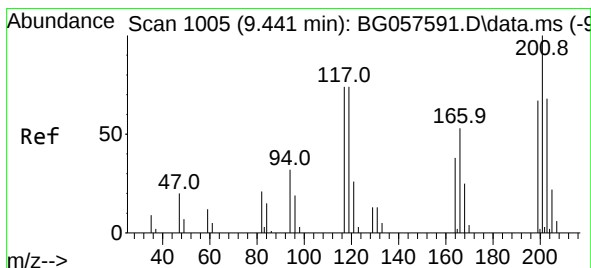
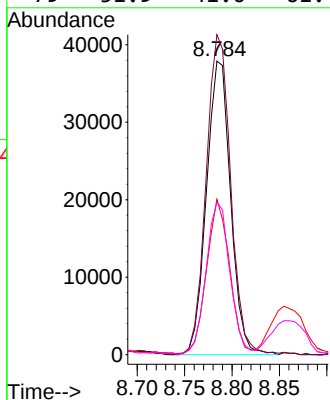
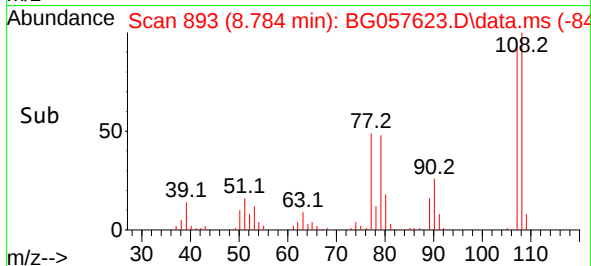
Instrument :
BNA_G
ClientSampleId :
SB16MSD



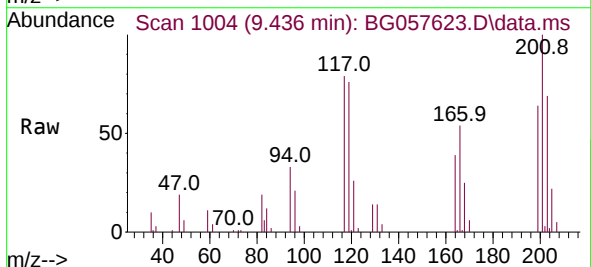
Tgt Ion:107 Resp: 6726
Ion Ratio Lower Upper
107 100
108 109.0 87.7 131.5
77 52.9 43.0 64.6
79 51.9 41.0 61.4

Manual Integrations
APPROVED

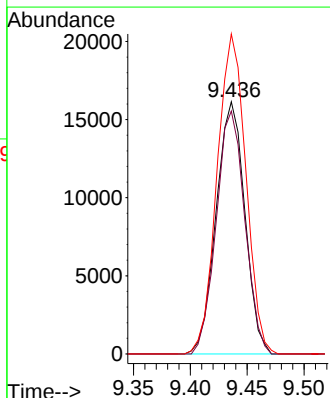
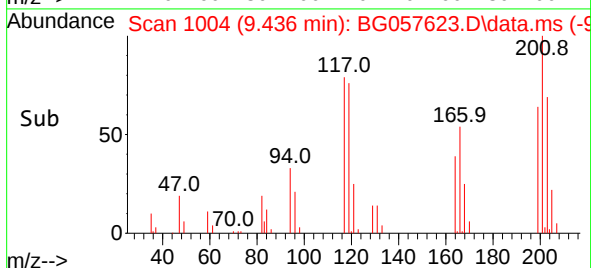
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

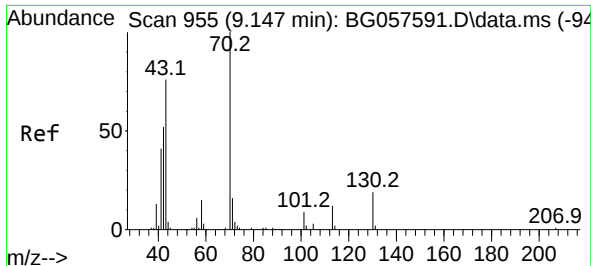


#18
Hexachloroethane
Concen: 56.910 ng
RT: 9.436 min Scan# 1004
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54



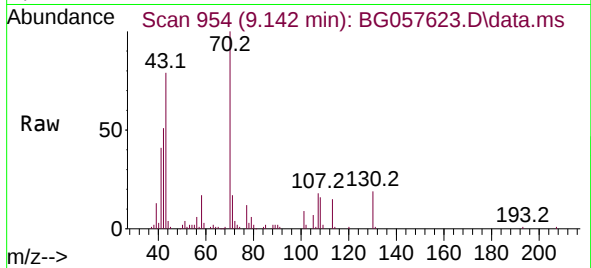
Tgt Ion:117 Resp: 28295
Ion Ratio Lower Upper
117 100
119 96.4 80.6 121.0
201 126.9 108.8 163.2





#19
n-Nitroso-di-n-propylamine
Concen: 45.312 ng
RT: 9.142 min Scan# 914
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

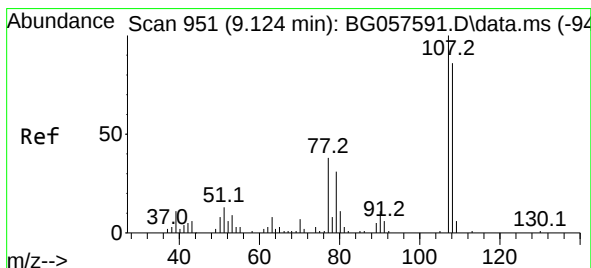
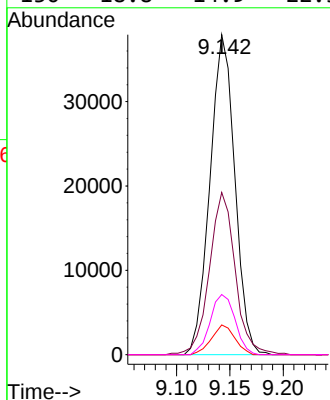
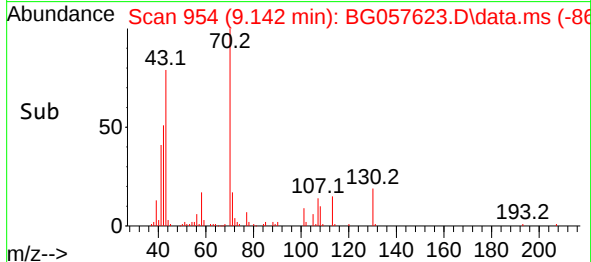
Instrument :
BNA_G
ClientSampleId :
SB16MSD



Tgt Ion: 70 Resp: 61470
Ion Ratio Lower Upper
70 100
42 50.7 41.4 62.0
101 9.3 6.9 10.3
130 18.8 14.9 22.3

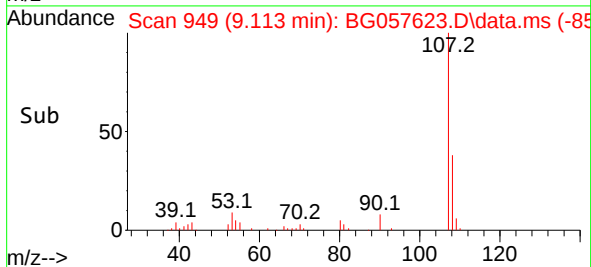
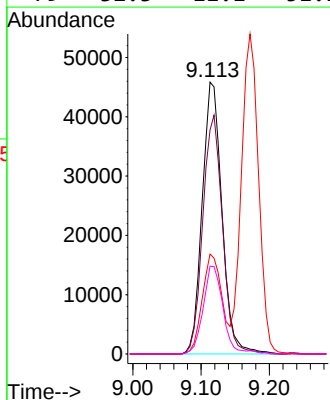
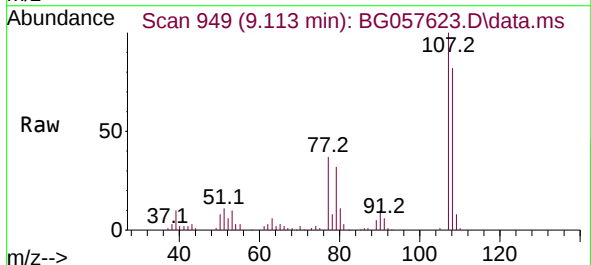
Manual Integrations
APPROVED

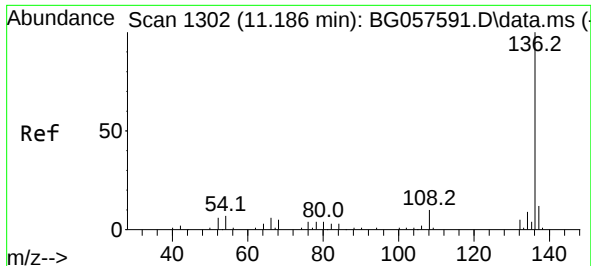
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#20
3+4-Methylphenols
Concen: 48.588 ng
RT: 9.113 min Scan# 949
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:107 Resp: 92581
Ion Ratio Lower Upper
107 100
108 82.4 65.6 105.6
77 36.7 18.0 58.0
79 32.3 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.181 min Scan# 111
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

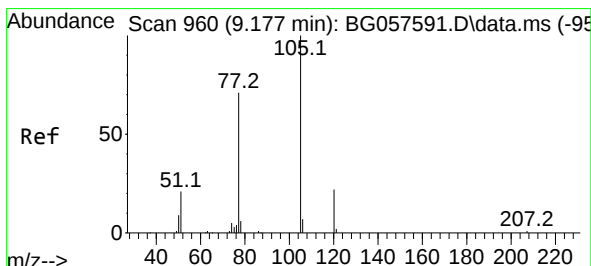
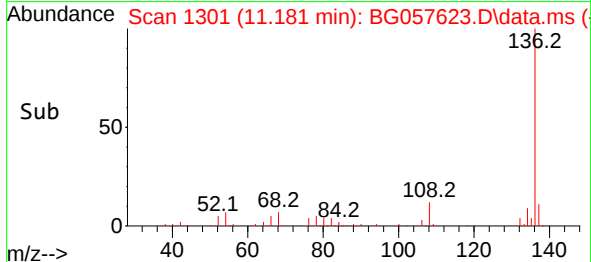
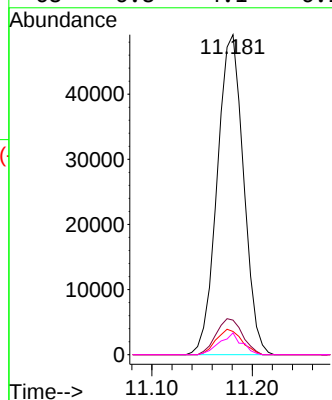
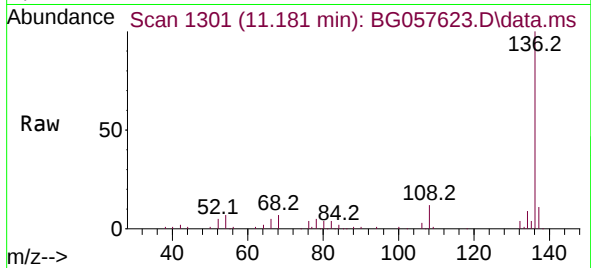
SB16MSD

Tgt Ion:136 Resp: 8946
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.8
54 7.2 5.8 8.6
68 6.8 4.1 6.1#

Manual Integrations

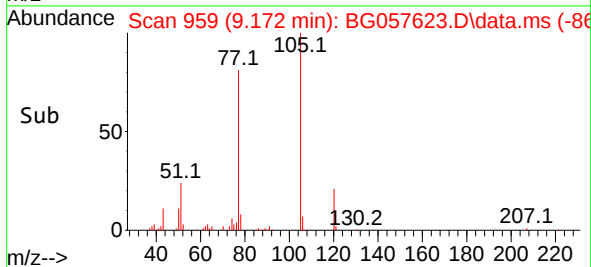
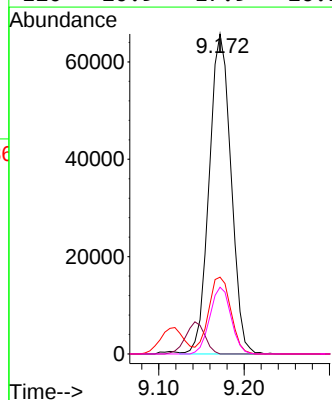
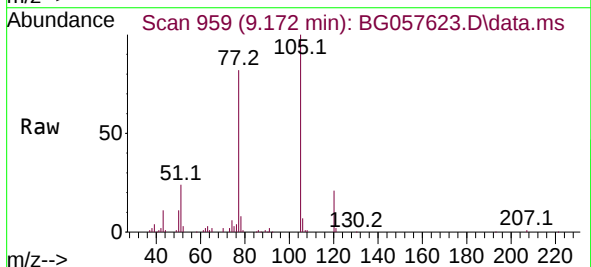
APPROVED

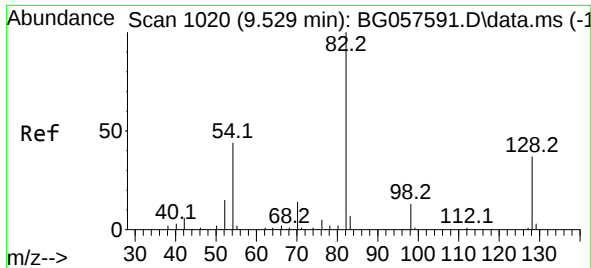
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#22
Acetophenone
Concen: 48.773 ng
RT: 9.172 min Scan# 959
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:105 Resp: 116682
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 24.0 20.7 31.1
120 20.9 17.9 26.9





#23
Nitrobenzene-d5
Concen: 67.611 ng
RT: 9.524 min Scan# 1019
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Instrument :

BNA_G

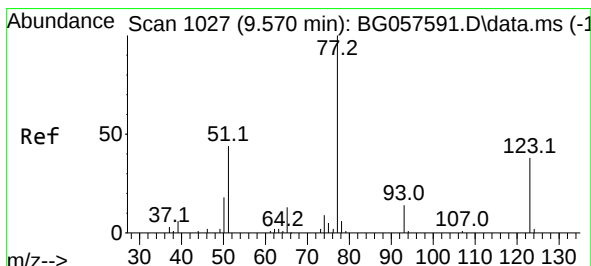
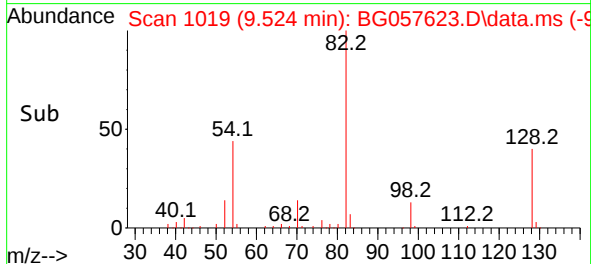
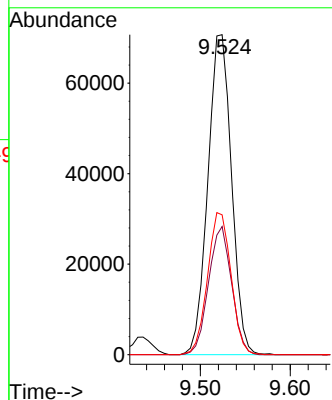
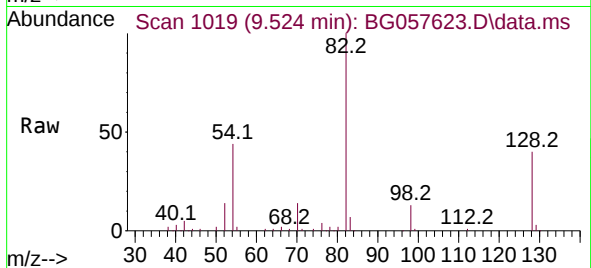
ClientSampleId :

SB16MSD

Tgt Ion: 82 Resp: 12940
Ion Ratio Lower Upper
82 100
128 40.0 30.0 45.0
54 43.7 35.2 52.8

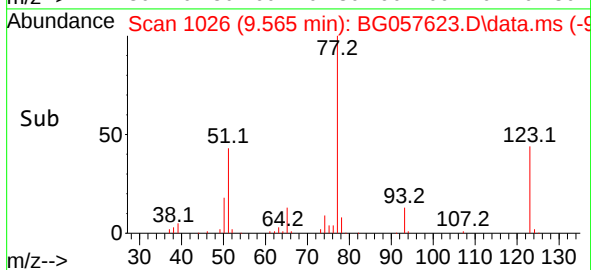
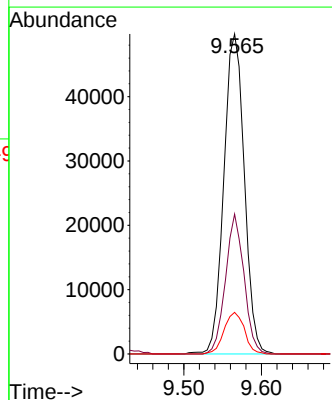
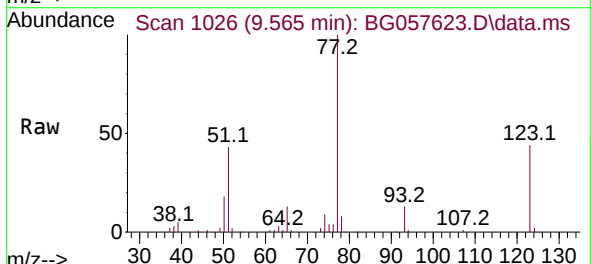
Manual Integrations
APPROVED

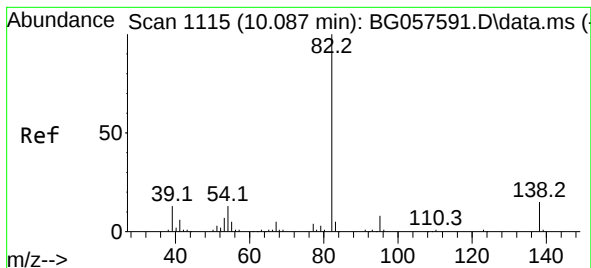
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#24
Nitrobenzene
Concen: 46.997 ng
RT: 9.565 min Scan# 1026
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion: 77 Resp: 91304
Ion Ratio Lower Upper
77 100
123 43.7 30.6 46.0
65 13.0 10.2 15.4





#25

Isophorone

Concen: 44.808 ng

RT: 10.082 min Scan# 1115

Delta R.T. 0.004 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

SB16MSD

Tgt Ion: 82 Resp: 16856

Ion Ratio Lower Upper

82 100

95 7.8 6.3 9.5

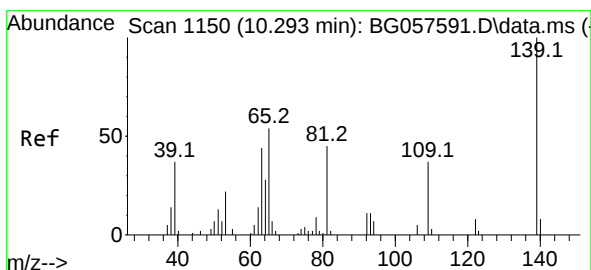
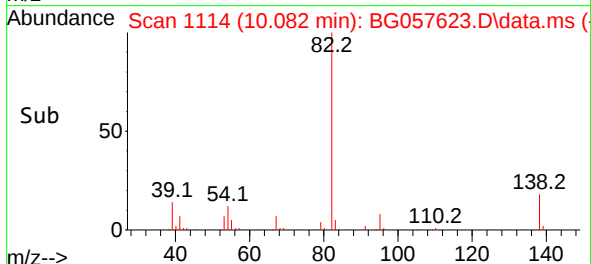
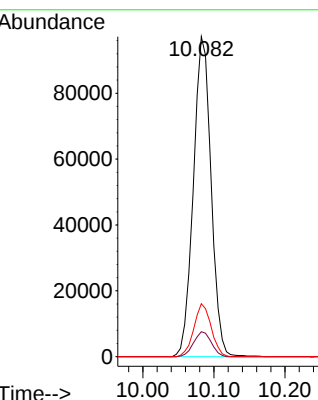
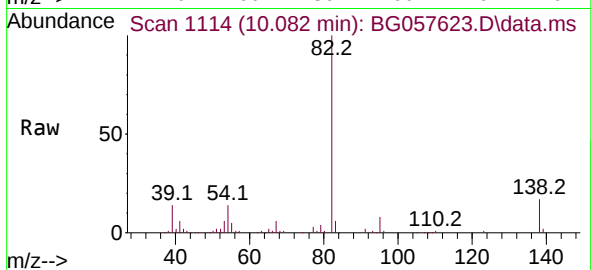
138 16.6 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#26

2-Nitrophenol

Concen: 49.684 ng

RT: 10.282 min Scan# 1148

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

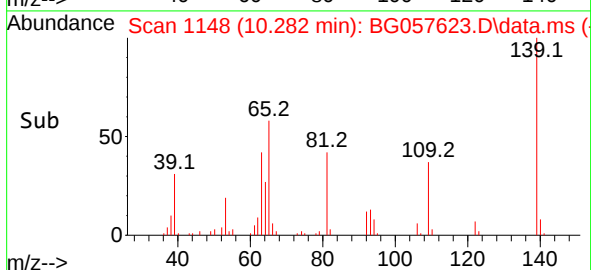
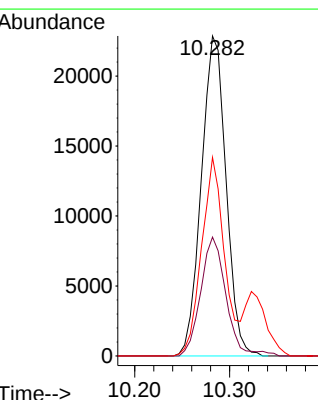
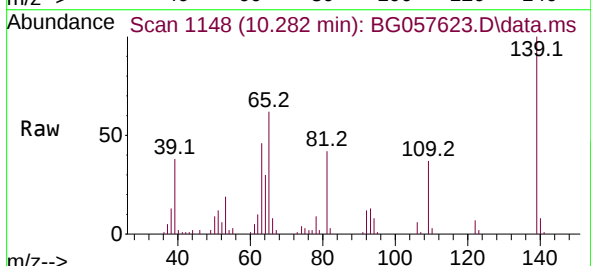
Tgt Ion:139 Resp: 41386

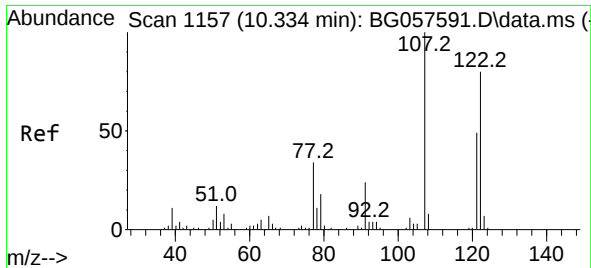
Ion Ratio Lower Upper

139 100

109 37.1 29.5 44.3

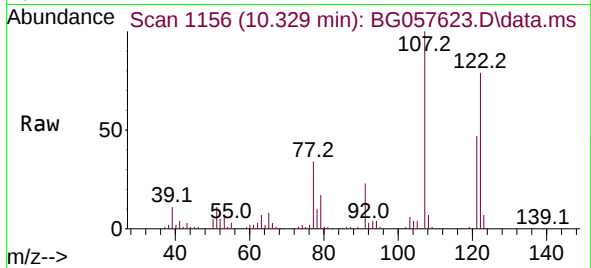
65 62.0 43.0 64.6





#27
2,4-Dimethylphenol
Concen: 51.384 ng
RT: 10.329 min Scan# 1156
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

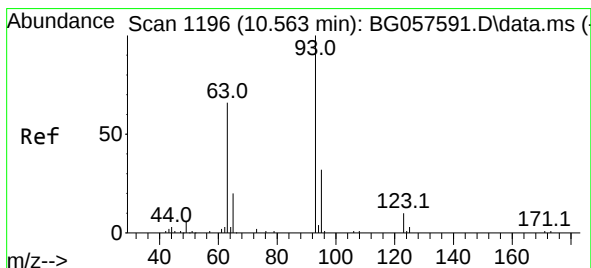
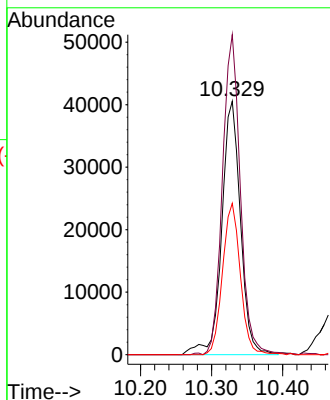
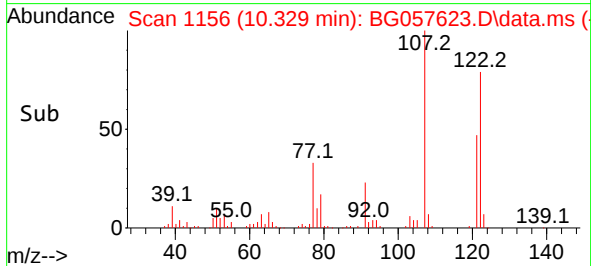
Instrument :
BNA_G
ClientSampleId :
SB16MSD



Tgt Ion:122 Resp: 74000
Ion Ratio Lower Upper
122 100
107 126.2 99.4 149.2
121 59.7 48.4 72.6

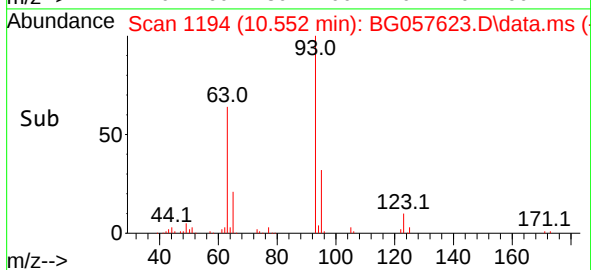
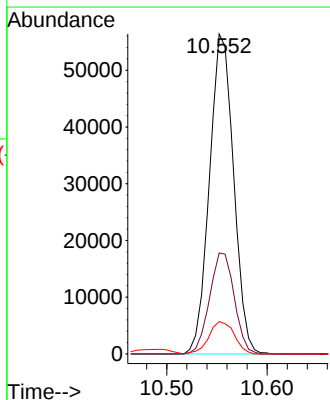
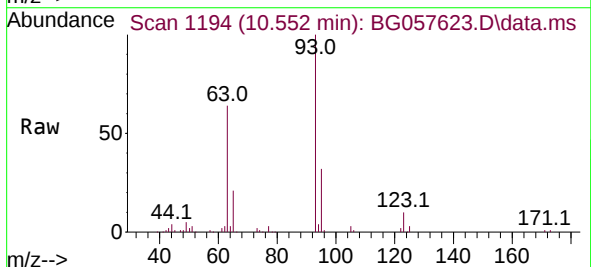
Manual Integrations
APPROVED

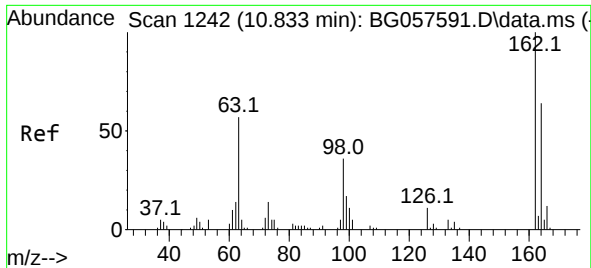
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#28
bis(2-Chloroethoxy)methane
Concen: 48.302 ng
RT: 10.552 min Scan# 1194
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

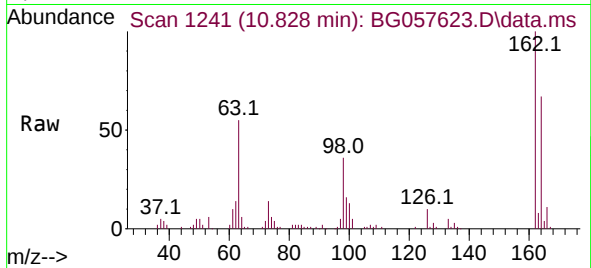
Tgt Ion: 93 Resp: 94221
Ion Ratio Lower Upper
93 100
95 31.5 25.3 37.9
123 10.1 8.2 12.4





#29
2,4-Dichlorophenol
Concen: 51.537 ng
RT: 10.828 min Scan# 1241
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

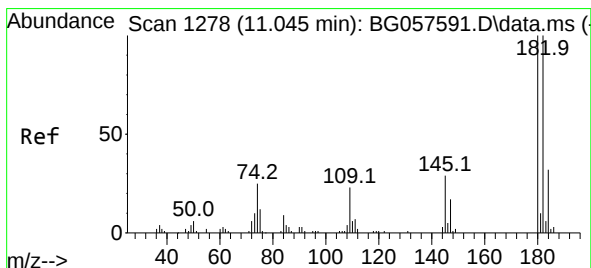
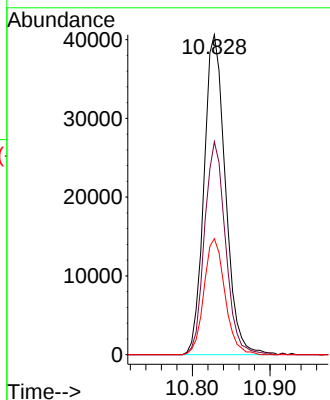
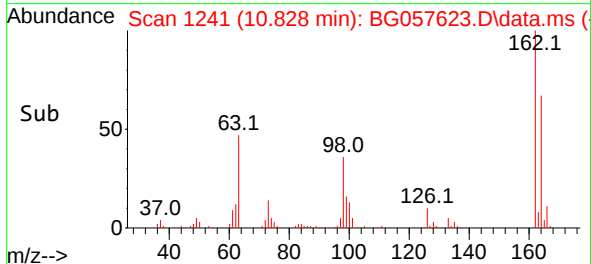
Instrument :
BNA_G
ClientSampleId :
SB16MSD



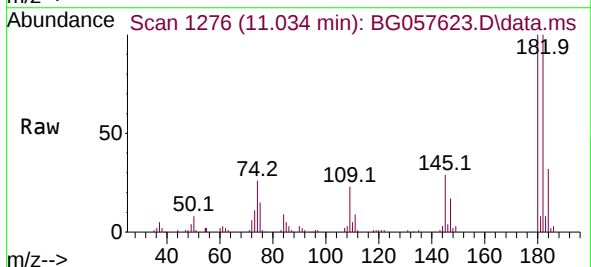
Tgt Ion:162 Resp: 7795
Ion Ratio Lower Upper
162 100
164 66.5 44.1 84.1
98 36.3 16.3 56.3

Manual Integrations
APPROVED

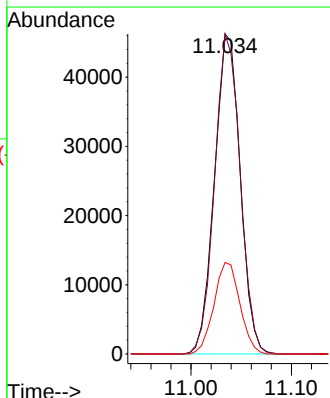
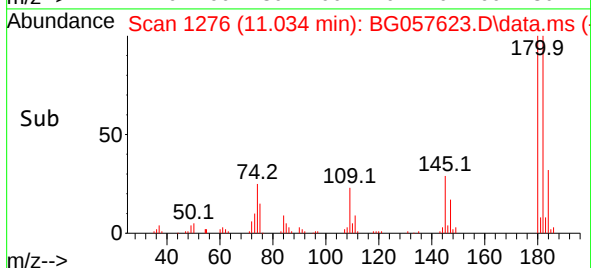
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

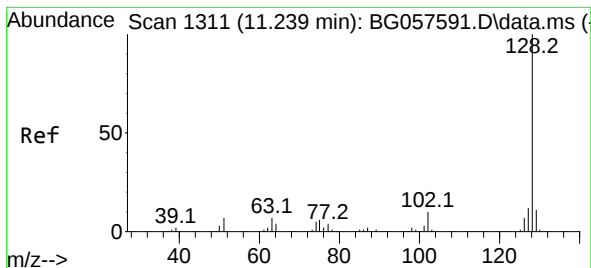


#30
1,2,4-Trichlorobenzene
Concen: 49.962 ng
RT: 11.034 min Scan# 1276
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54



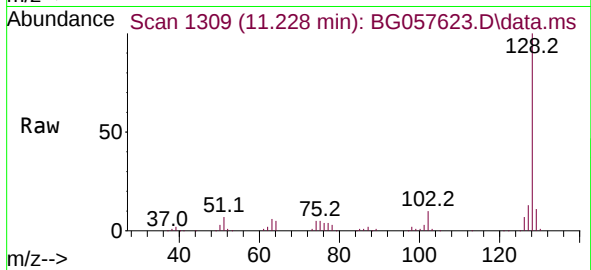
Tgt Ion:180 Resp: 82362
Ion Ratio Lower Upper
180 100
182 100.0 80.2 120.2
145 28.6 23.1 34.7





#31
Naphthalene
Concen: 47.450 ng
RT: 11.228 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

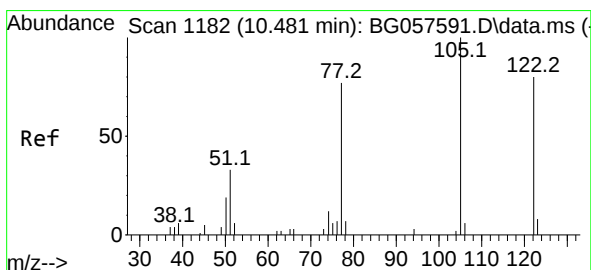
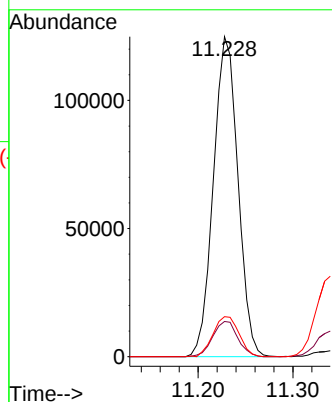
Instrument :
BNA_G
ClientSampleId :
SB16MSD



Tgt Ion:128 Resp: 22456
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.5 9.8 14.8

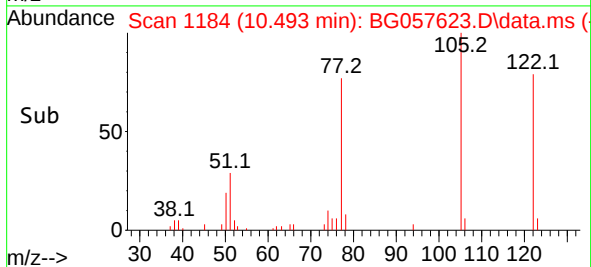
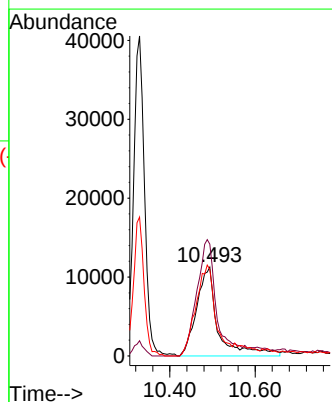
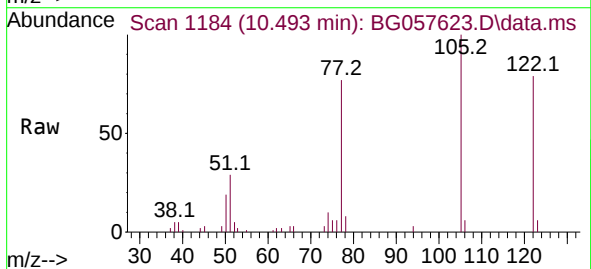
Manual Integrations
APPROVED

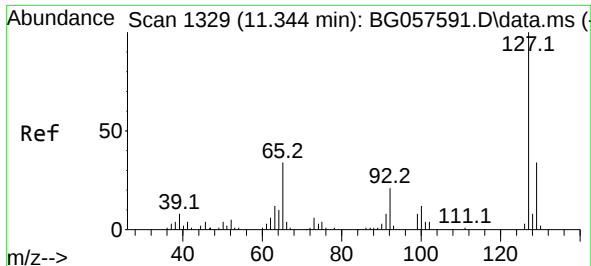
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#32
Benzoic acid
Concen: 47.027 ng m
RT: 10.493 min Scan# 1184
Delta R.T. 0.016 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:122 Resp: 39353
Ion Ratio Lower Upper
122 100
105 125.9 104.8 144.8
77 97.5 75.8 115.8





#33
4-Chloroaniline
Concen: 29.451 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

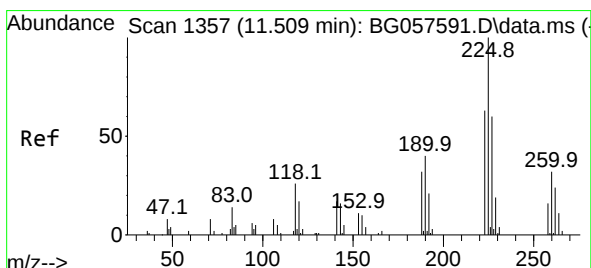
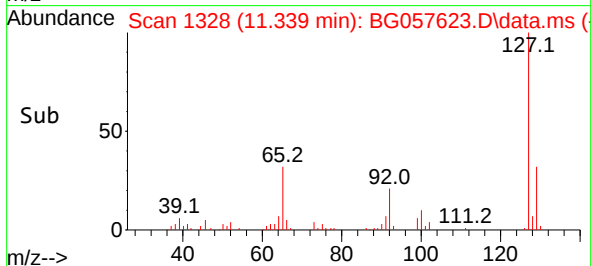
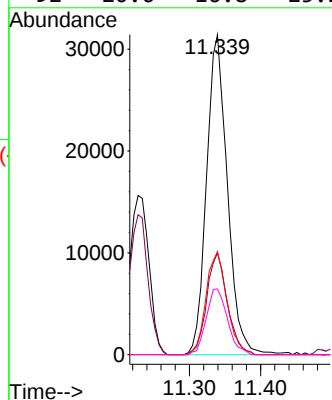
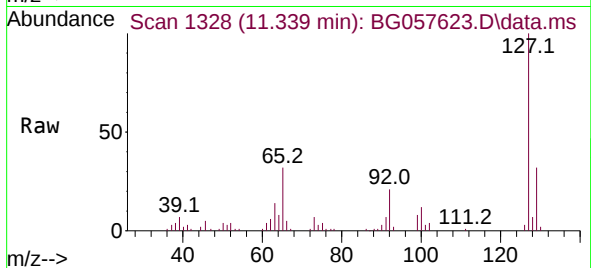
SB16MSD

Tgt Ion:127	Resp: 6409
Ion Ratio	Lower Upper
127 100	
129 31.8	26.9 40.3
65 32.2	27.3 40.9
92 20.6	16.8 25.2

Manual Integrations

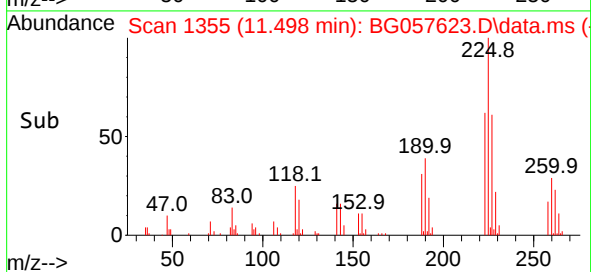
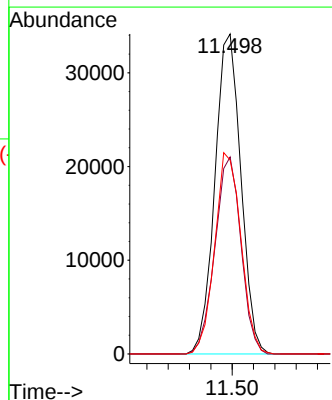
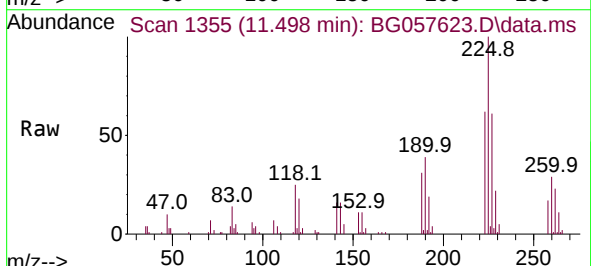
APPROVED

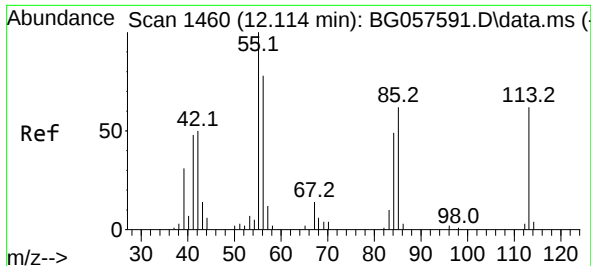
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#34
Hexachlorobutadiene
Concen: 50.613 ng
RT: 11.498 min Scan# 1355
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:225	Resp: 57709
Ion Ratio	Lower Upper
225 100	
223 61.6	50.1 75.1
227 60.6	47.9 71.9





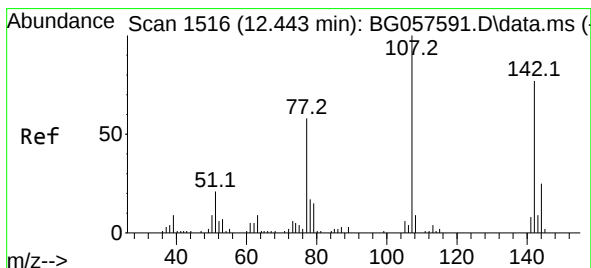
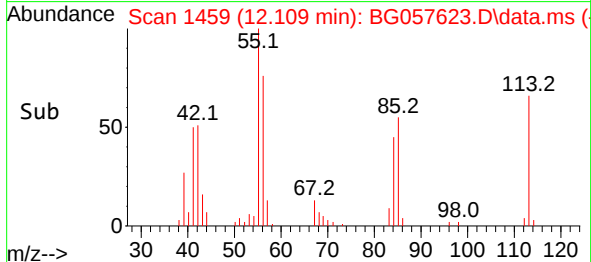
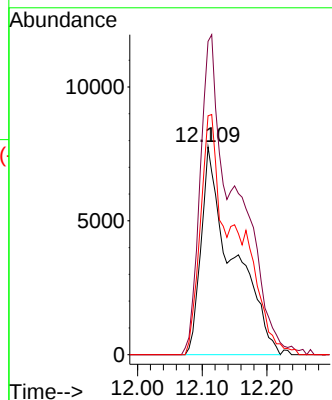
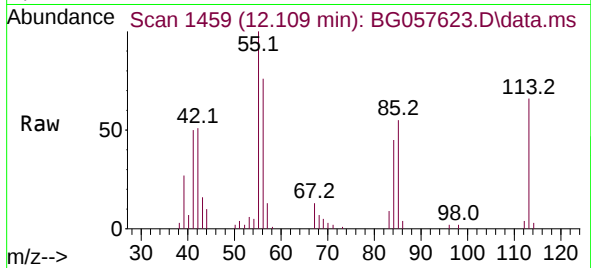
#35
Caprolactam
Concen: 42.241 ng m
RT: 12.109 min Scan# 1460
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Instrument :
BNA_G
ClientSampleId :
SB16MSD

Tgt Ion:113 Resp: 2648
Ion Ratio Lower Upper
113 100
55 150.7 140.9 180.9
56 114.9 105.9 145.9

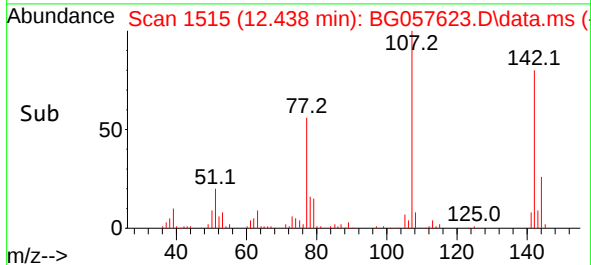
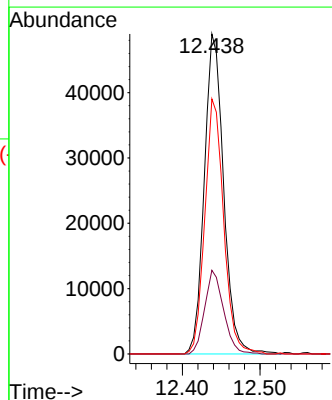
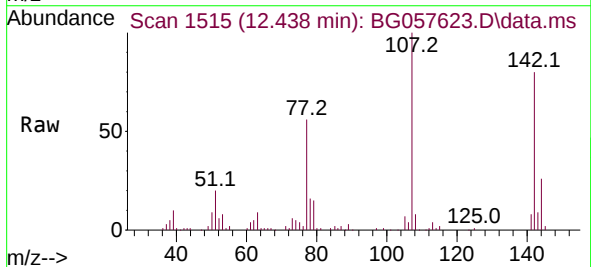
Manual Integrations
APPROVED

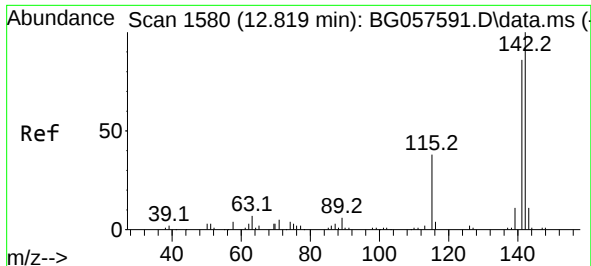
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#36
4-Chloro-3-methylphenol
Concen: 47.344 ng
RT: 12.438 min Scan# 1515
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:107 Resp: 84765
Ion Ratio Lower Upper
107 100
144 26.2 19.7 29.5
142 79.7 61.6 92.4





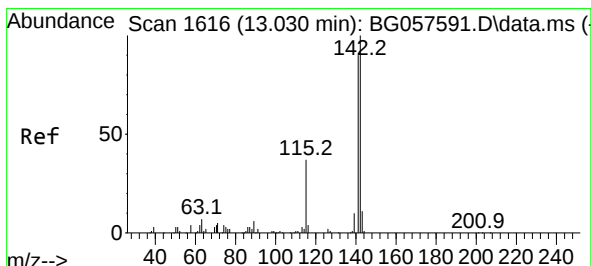
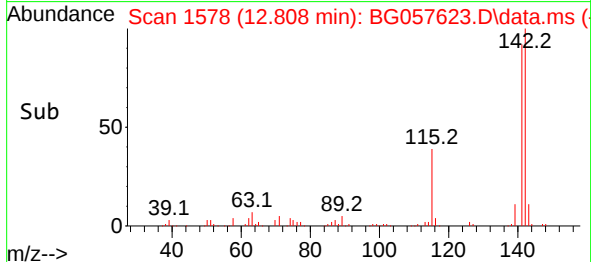
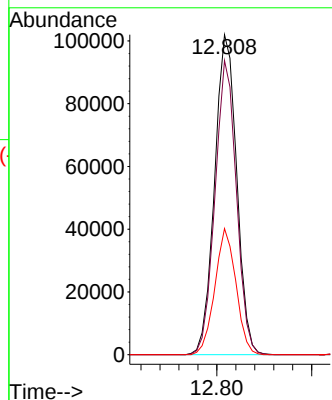
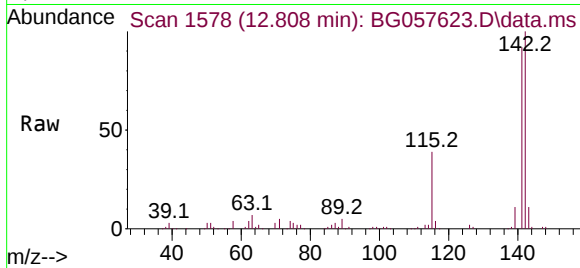
#37
2-Methylnaphthalene
Concen: 44.439 ng
RT: 12.808 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Instrument :
BNA_G
ClientSampleId :
SB16MSD

Tgt Ion:142 Resp: 16506
Ion Ratio Lower Upper
142 100
141 91.9 68.6 103.0
115 39.4 30.4 45.6

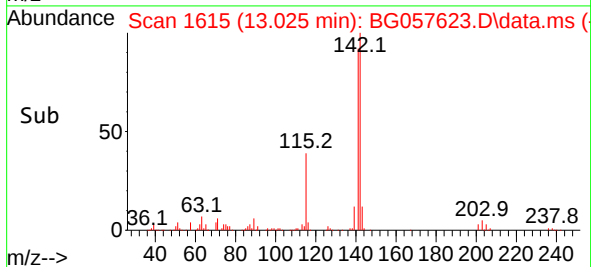
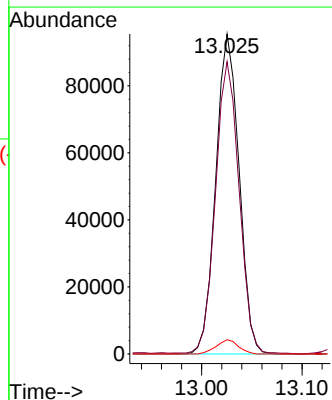
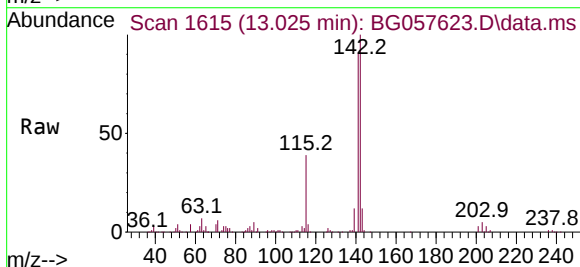
Manual Integrations
APPROVED

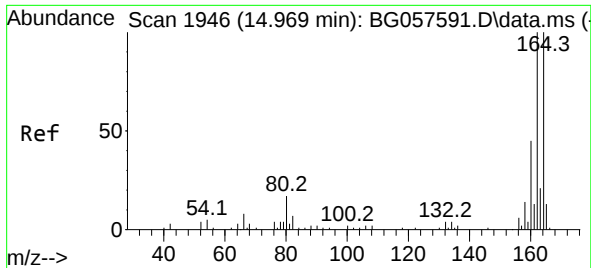
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#38
1-Methylnaphthalene
Concen: 43.429 ng
RT: 13.025 min Scan# 1615
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

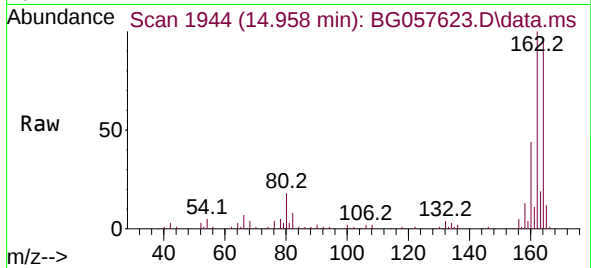
Tgt Ion:142 Resp: 153941
Ion Ratio Lower Upper
142 100
141 91.4 72.1 108.1
116 4.5 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.958 min Scan# 1946
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

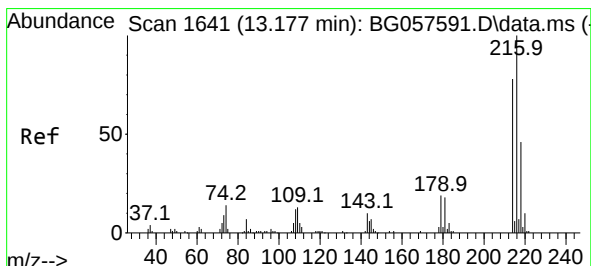
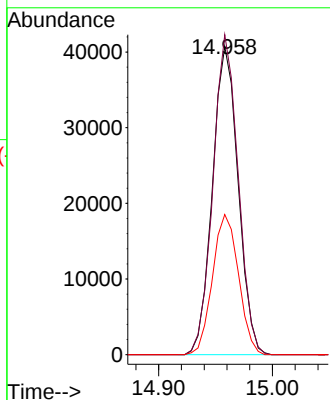
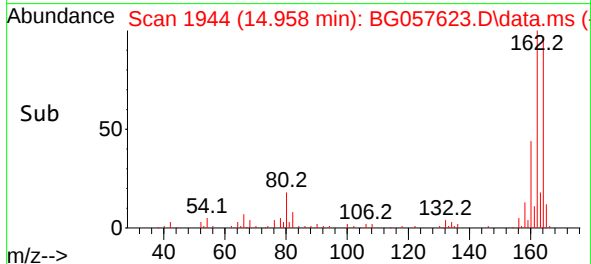
Instrument :
BNA_G
ClientSampleId :
SB16MSD



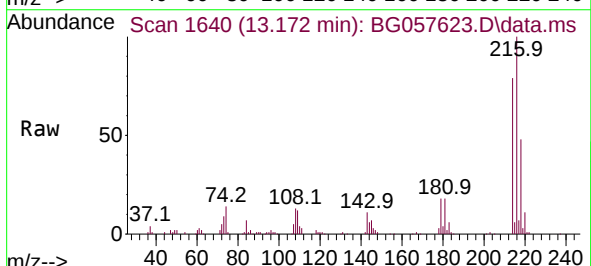
Tgt Ion:164 Resp: 63950
Ion Ratio Lower Upper
164 100
162 103.8 80.1 120.1
160 45.5 35.9 53.9

Manual Integrations
APPROVED

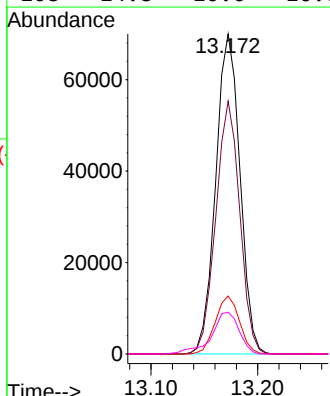
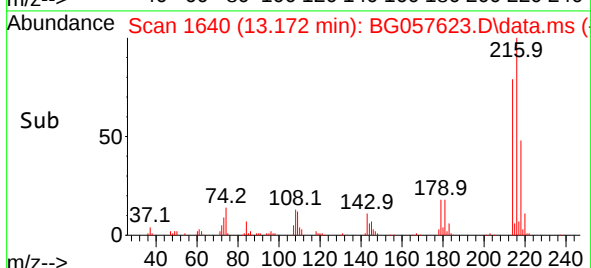
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

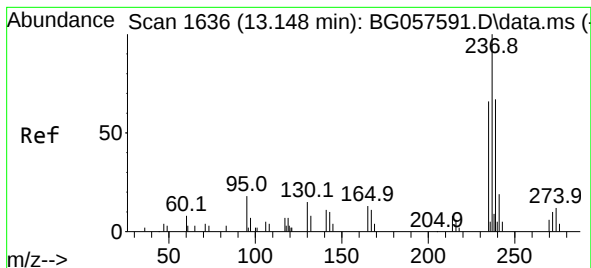


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.539 ng
RT: 13.172 min Scan# 1640
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54



Tgt Ion:216 Resp: 110281
Ion Ratio Lower Upper
216 100
214 78.1 63.0 94.6
179 18.0 15.0 22.6
108 14.8 10.6 16.0





#41

Hexachlorocyclopentadiene

Concen: 102.262 ng

RT: 13.143 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

SB16MSD

Tgt Ion:237 Resp: 63998

Ion Ratio Lower Upper

237 100

235 61.6 45.7 85.7

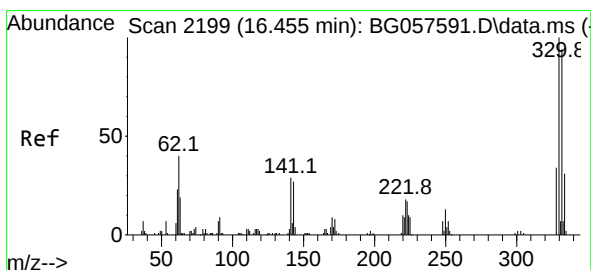
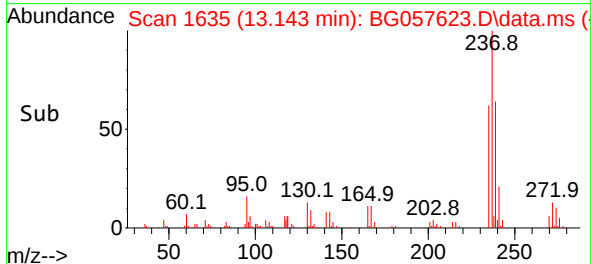
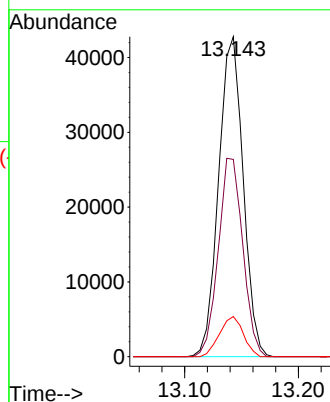
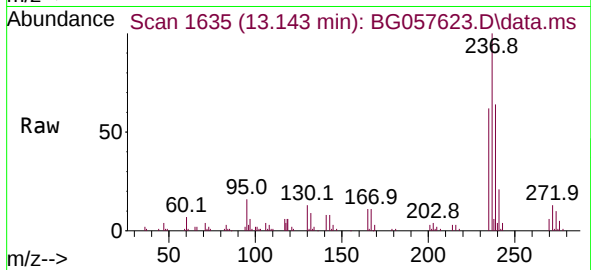
272 12.5 0.0 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#42

2,4,6-Tribromophenol

Concen: 95.258 ng

RT: 16.444 min Scan# 2197

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

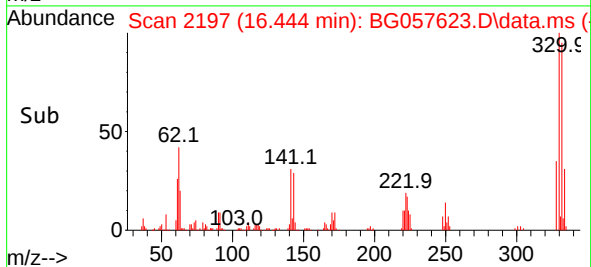
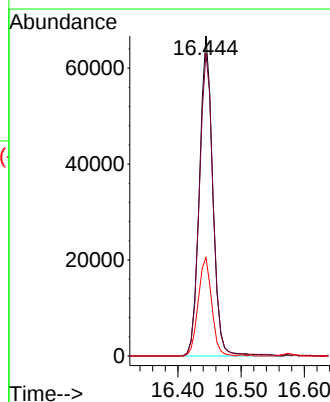
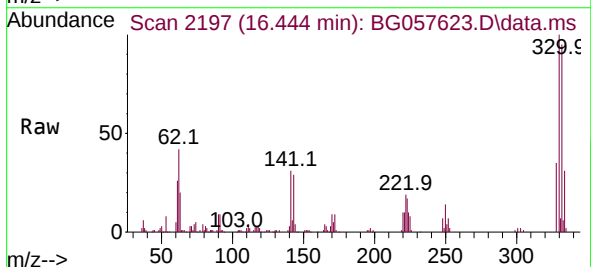
Tgt Ion:330 Resp: 97531

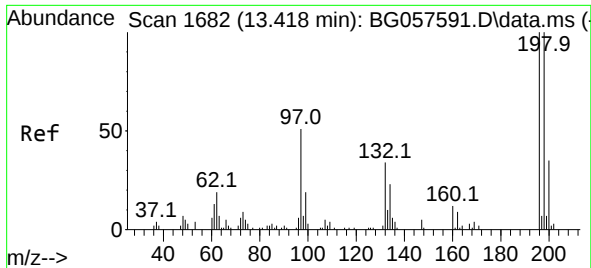
Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

141 31.1 24.6 37.0





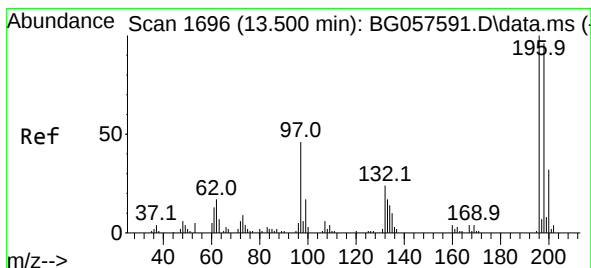
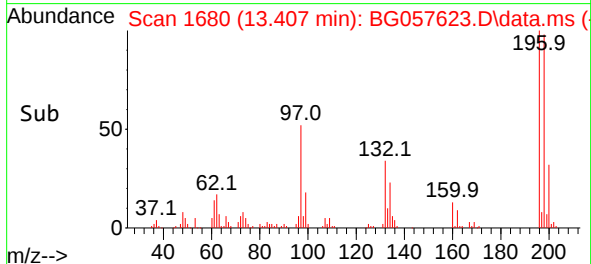
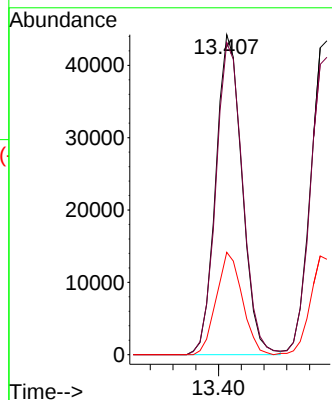
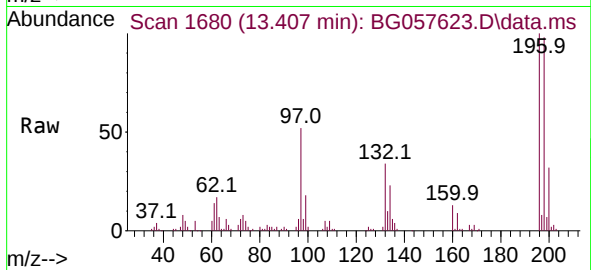
#43
2,4,6-Trichlorophenol
Concen: 53.799 ng
RT: 13.407 min Scan# 1680
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Instrument :
BNA_G
ClientSampleId :
SB16MSD

Tgt Ion:196 Resp: 7109
Ion Ratio Lower Upper
196 100
198 97.6 79.6 119.4
200 32.0 28.2 42.2

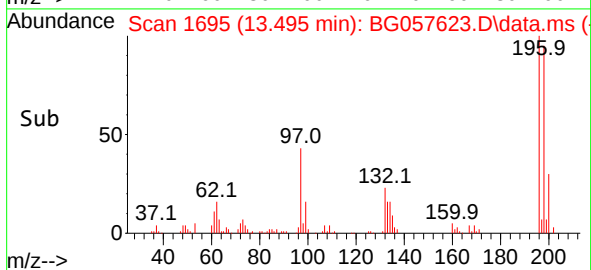
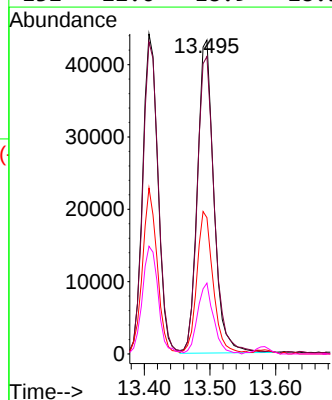
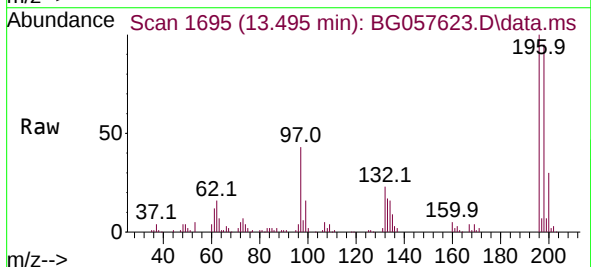
Manual Integrations
APPROVED

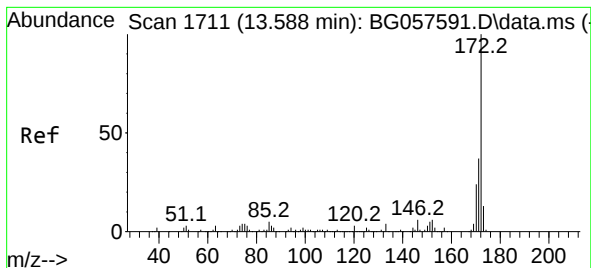
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#44
2,4,5-Trichlorophenol
Concen: 48.144 ng
RT: 13.495 min Scan# 1695
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:196 Resp: 75773
Ion Ratio Lower Upper
196 100
198 94.7 76.9 115.3
97 43.4 36.6 55.0
132 22.6 18.9 28.3





#45

2-Fluorobiphenyl

Concen: 68.109 ng

RT: 13.583 min Scan# 1710

Delta R.T. 0.004 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

SB16MSD

Tgt Ion:172 Resp: 303070

Ion Ratio Lower Upper

172 100

171 36.8 29.2 43.8

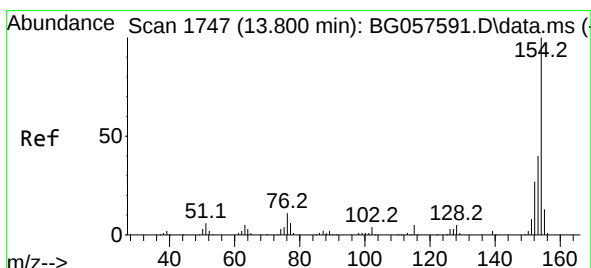
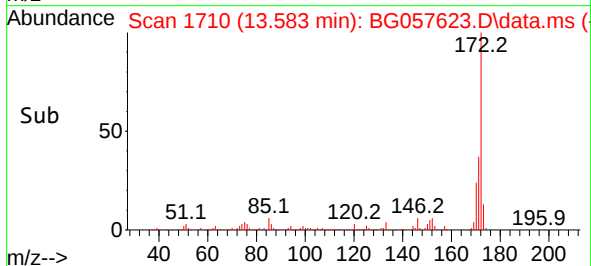
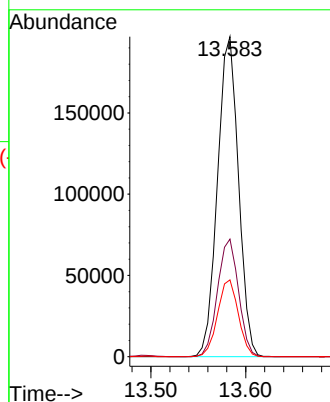
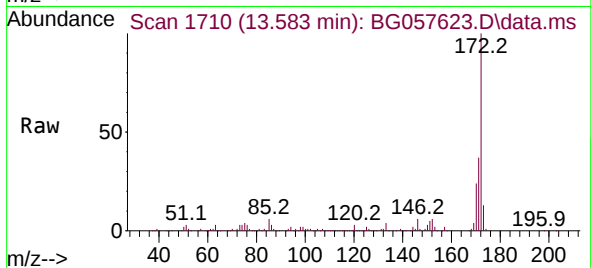
170 24.0 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#46

1,1'-Biphenyl

Concen: 50.964 ng

RT: 13.795 min Scan# 1746

Delta R.T. 0.004 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

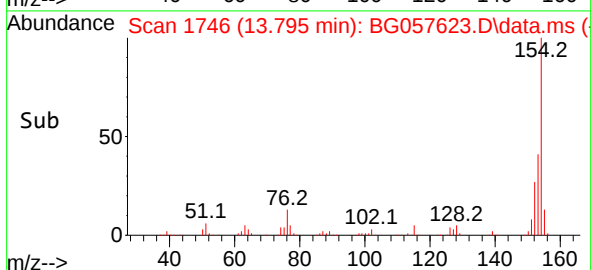
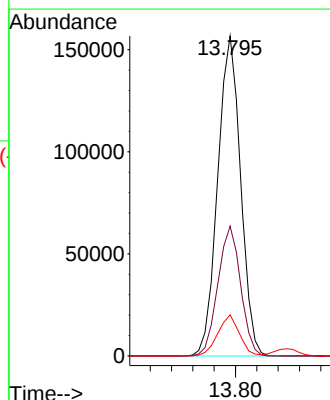
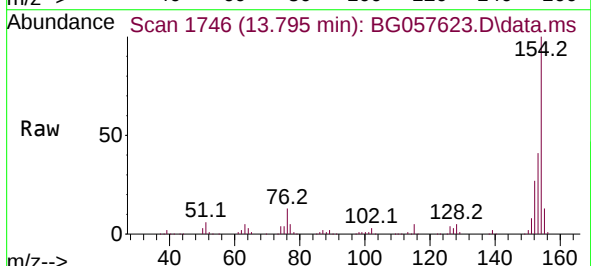
Tgt Ion:154 Resp: 232937

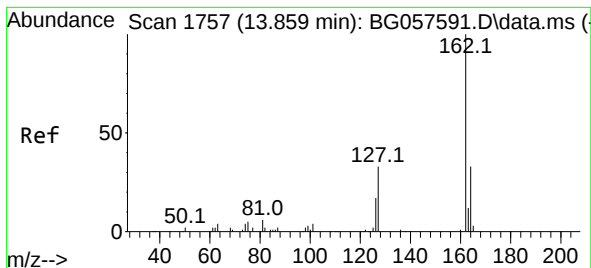
Ion Ratio Lower Upper

154 100

153 40.6 19.6 59.6

76 12.9 0.0 30.9





#47

2-Chloronaphthalene

Concen: 51.337 ng

RT: 13.848 min Scan# 1755

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

SB16MSD

Tgt Ion:162 Resp: 17673

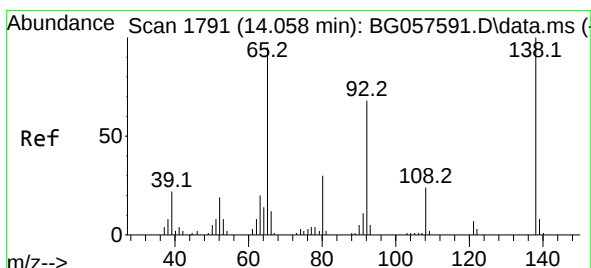
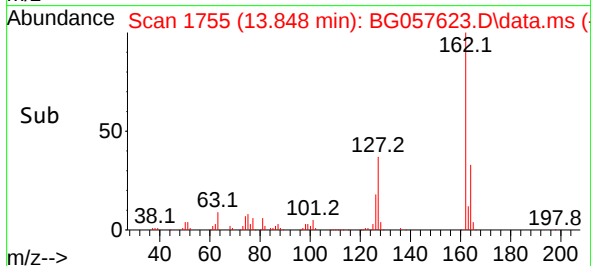
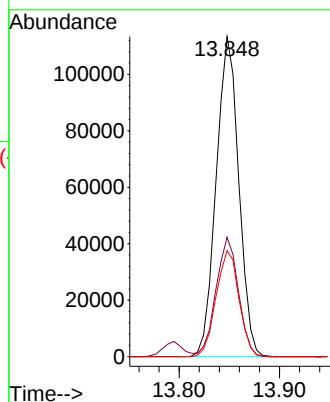
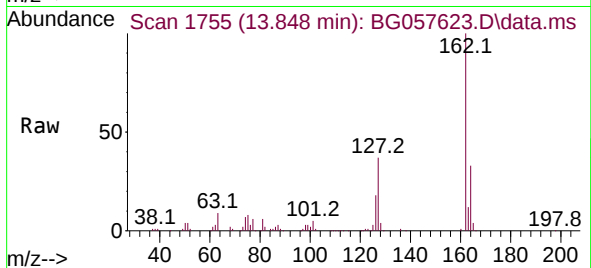
Ion	Ratio	Lower	Upper
162	100		
127	37.3	28.2	42.2
164	33.2	26.1	39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#48

2-Nitroaniline

Concen: 47.657 ng

RT: 14.047 min Scan# 1789

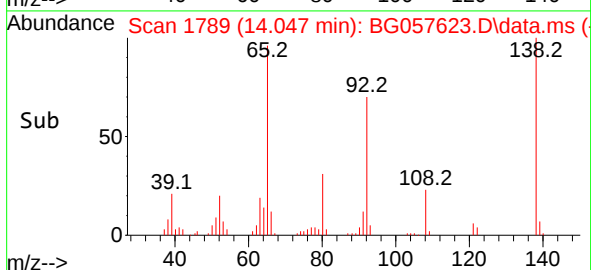
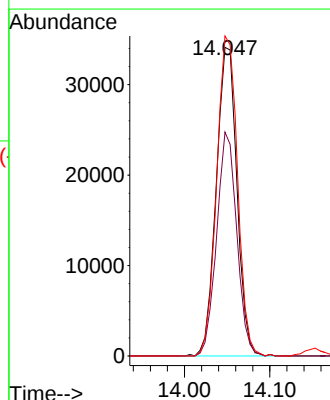
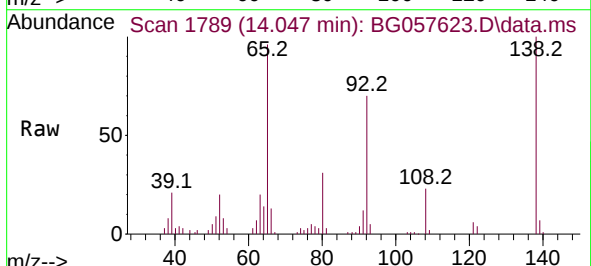
Delta R.T. -0.002 min

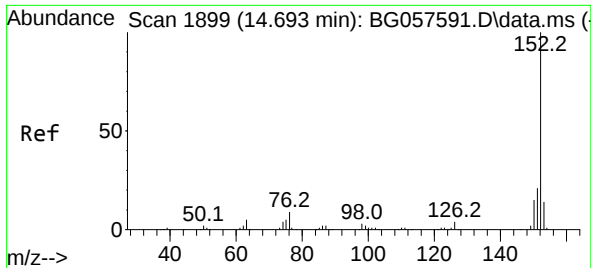
Lab File: BG057623.D

Acq: 31 May 2023 15:54

Tgt Ion: 65 Resp: 57470

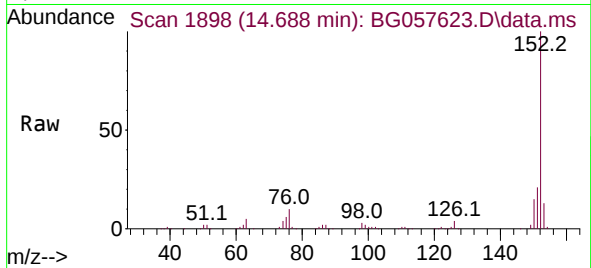
Ion	Ratio	Lower	Upper
65	100		
92	72.6	57.3	85.9
138	103.7	84.6	127.0





#49
Acenaphthylene
Concen: 48.212 ng
RT: 14.688 min Scan# 1898
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

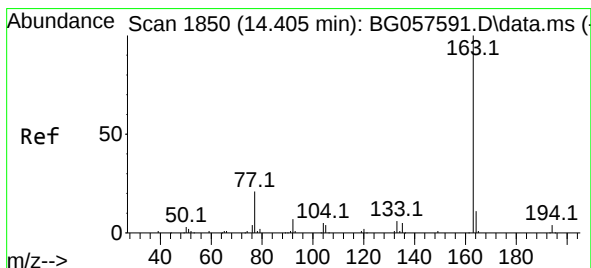
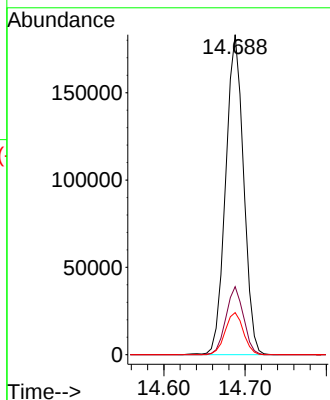
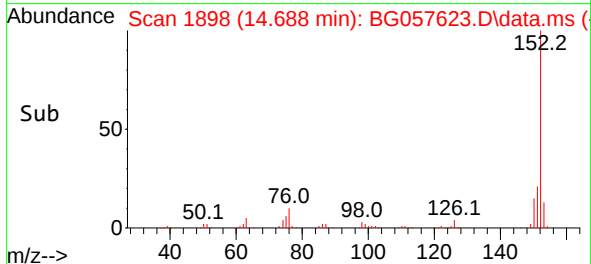
Instrument :
BNA_G
ClientSampleId :
SB16MSD



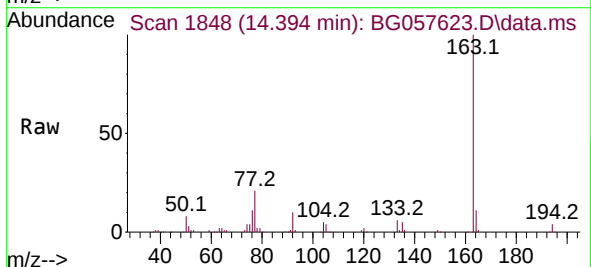
Tgt Ion:152 Resp: 28106
Ion Ratio Lower Upper
152 100
151 21.2 16.5 24.7
153 13.2 11.0 16.4

Manual Integrations
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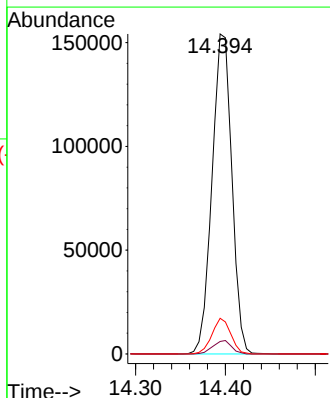
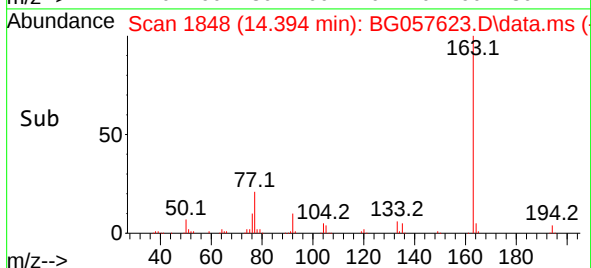
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

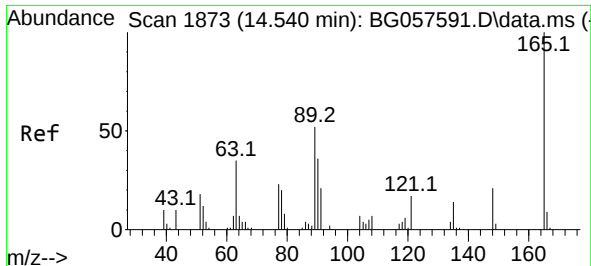


#50
Dimethylphthalate
Concen: 44.816 ng
RT: 14.394 min Scan# 1848
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54



Tgt Ion:163 Resp: 236212
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 11.1 8.5 12.7





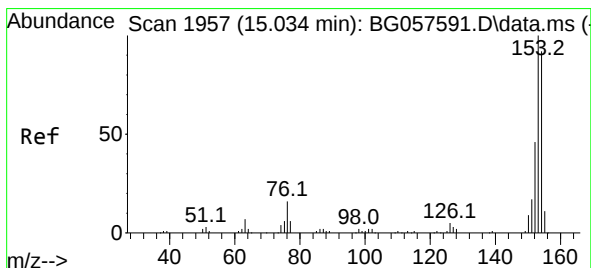
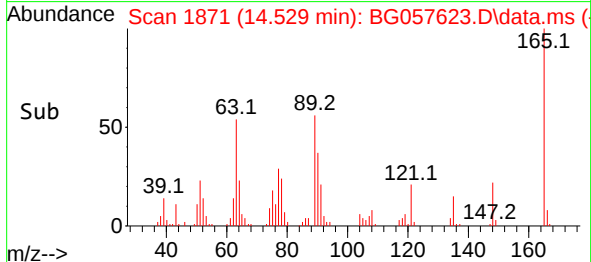
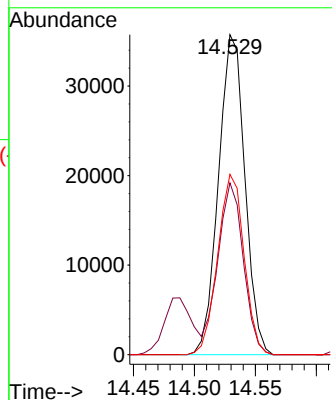
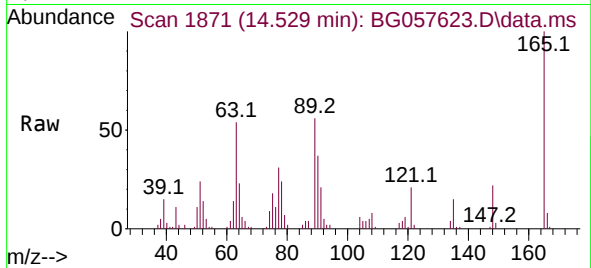
#51
2,6-Dinitrotoluene
Concen: 47.740 ng
RT: 14.529 min Scan# 1873
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Instrument :
BNA_G
ClientSampleId :
SB16MSD

Tgt Ion:165 Resp: 5386
Ion Ratio Lower Upper
165 100
63 53.7 39.3 58.9
89 56.3 41.5 62.3

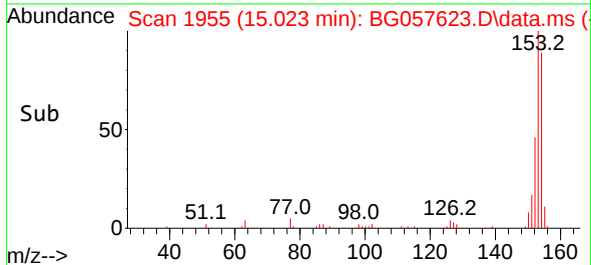
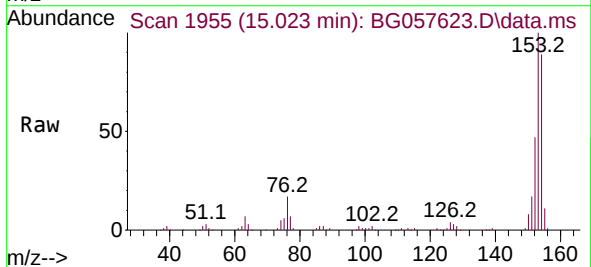
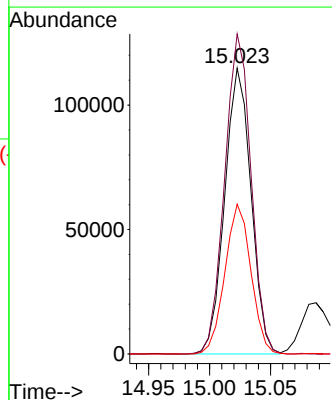
Manual Integrations
APPROVED

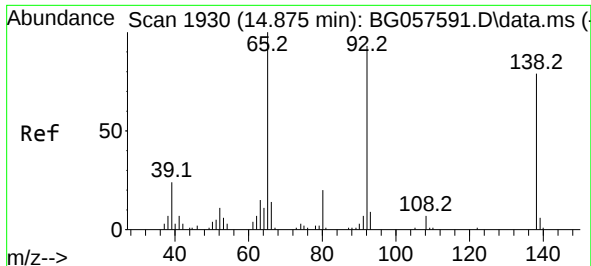
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#52
Acenaphthene
Concen: 48.493 ng
RT: 15.023 min Scan# 1955
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

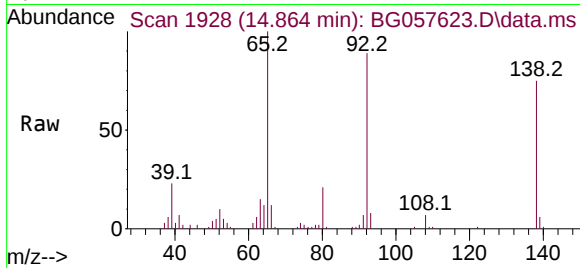
Tgt Ion:154 Resp: 172984
Ion Ratio Lower Upper
154 100
153 112.0 87.4 131.0
152 52.4 40.2 60.4





#53
3-Nitroaniline
Concen: 31.249 ng
RT: 14.864 min Scan# 1930
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

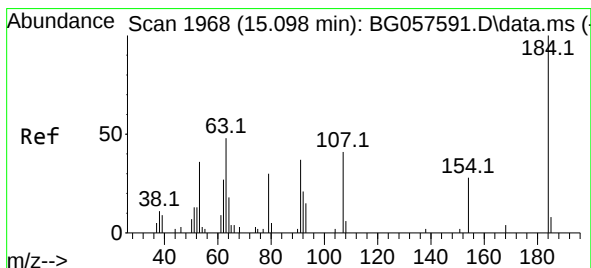
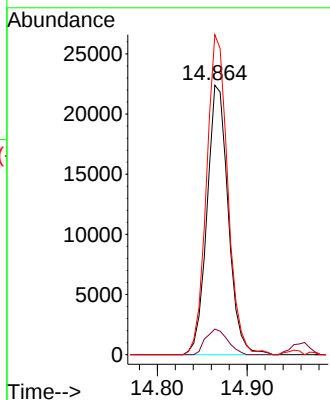
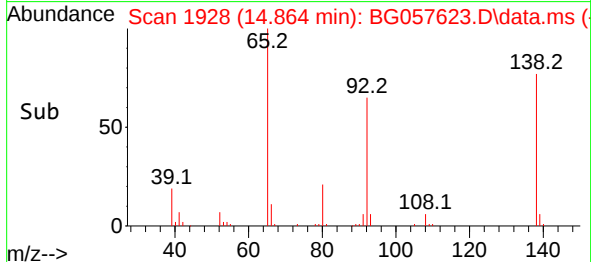
Instrument :
BNA_G
ClientSampleId :
SB16MSD



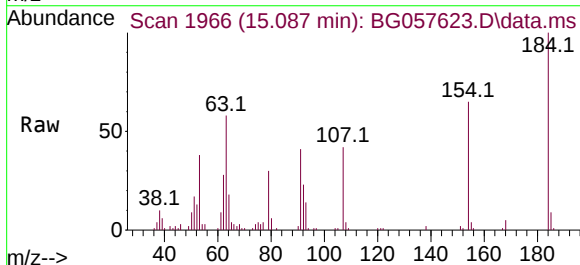
Tgt Ion:138 Resp: 36774
Ion Ratio Lower Upper
138 100
108 9.5 7.1 10.7
92 118.8 94.9 142.3

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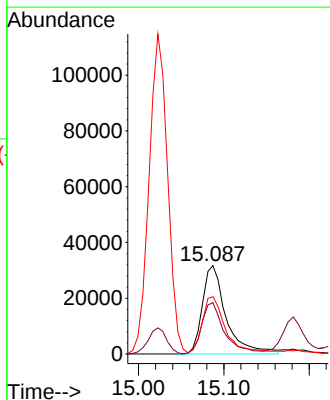
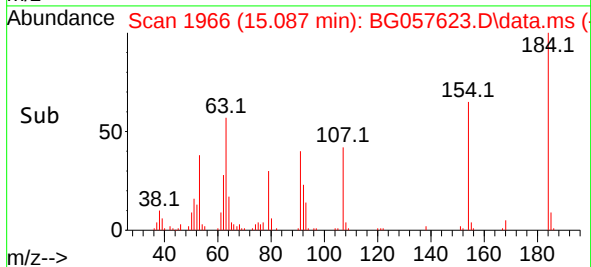
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

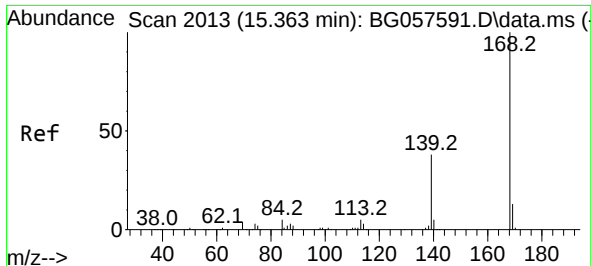


#54
2,4-Dinitrophenol
Concen: 89.199 ng
RT: 15.087 min Scan# 1966
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54



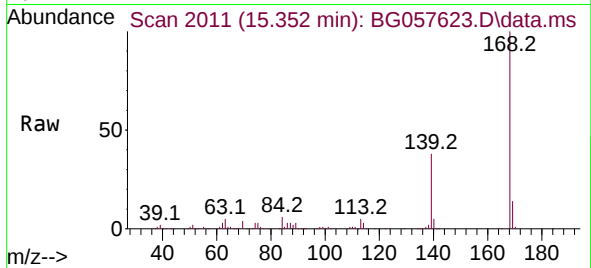
Tgt Ion:184 Resp: 61321
Ion Ratio Lower Upper
184 100
63 58.1 41.4 62.2
154 64.8 52.5 78.7





#55
Dibenzenofuran
Concen: 46.658 ng
RT: 15.352 min Scan# 2013
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

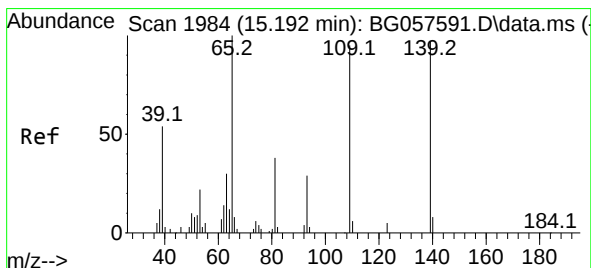
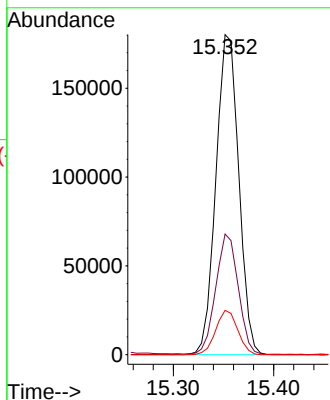
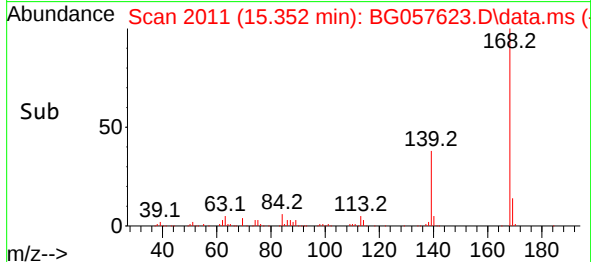
Instrument :
BNA_G
ClientSampleId :
SB16MSD



Tgt Ion:168 Resp: 284390
Ion Ratio Lower Upper
168 100
139 37.7 30.6 46.0
169 13.9 10.6 16.0

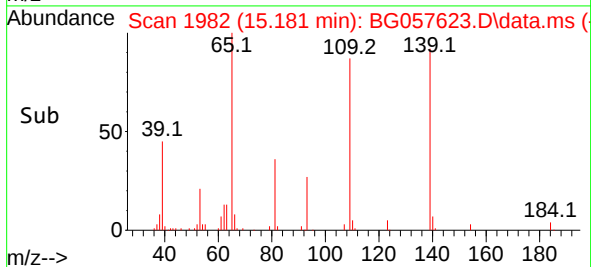
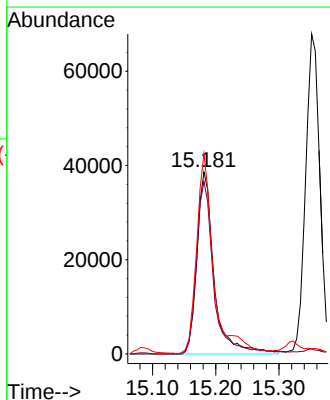
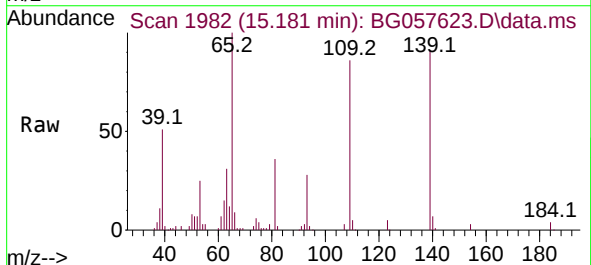
Manual Integrations
APPROVED

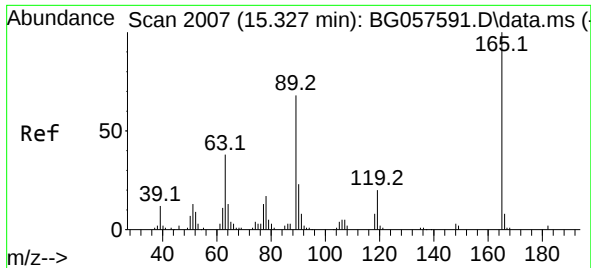
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#56
4-Nitrophenol
Concen: 92.964 ng
RT: 15.181 min Scan# 1982
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

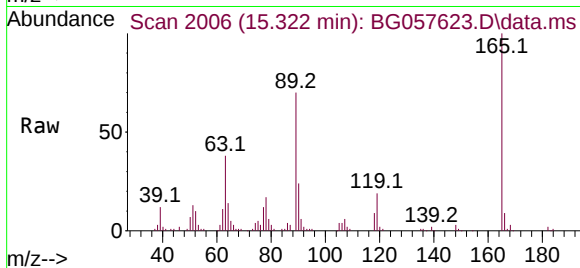
Tgt Ion:139 Resp: 72891
Ion Ratio Lower Upper
139 100
109 94.8 78.2 118.2
65 110.0 83.2 123.2





#57
2,4-Dinitrotoluene
Concen: 45.572 ng
RT: 15.322 min Scan# 2006
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

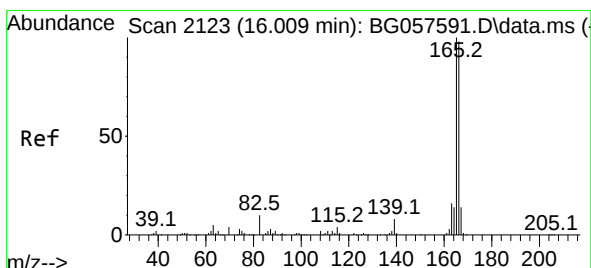
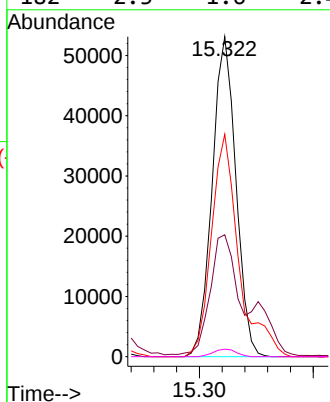
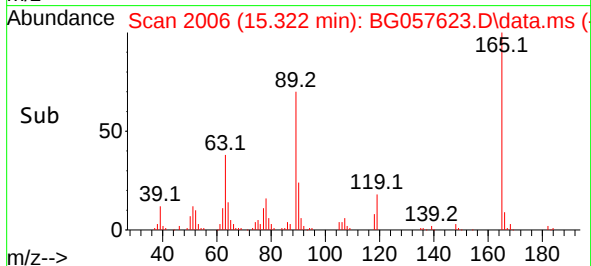
Instrument :
BNA_G
ClientSampleId :
SB16MSD



Tgt Ion:165 Resp: 7698
Ion Ratio Lower Upper
165 100
63 38.1 30.6 45.8
89 69.5 54.2 81.2
182 2.3 1.6 2.4

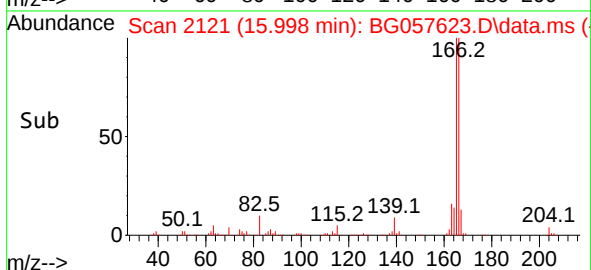
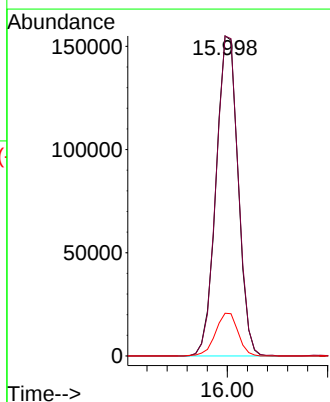
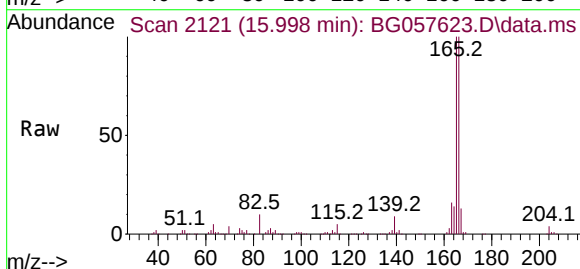
Manual Integrations
APPROVED

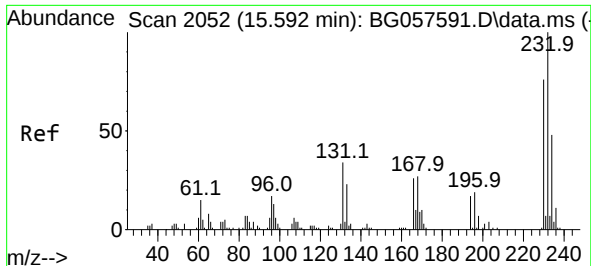
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#58
Fluorene
Concen: 45.760 ng
RT: 15.998 min Scan# 2121
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

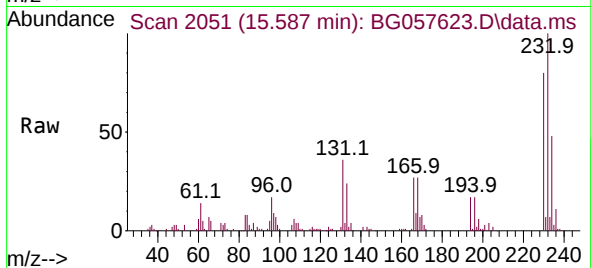
Tgt Ion:166 Resp: 235499
Ion Ratio Lower Upper
166 100
165 100.0 81.2 121.8
167 13.3 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.634 ng
RT: 15.587 min Scan# 2051
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

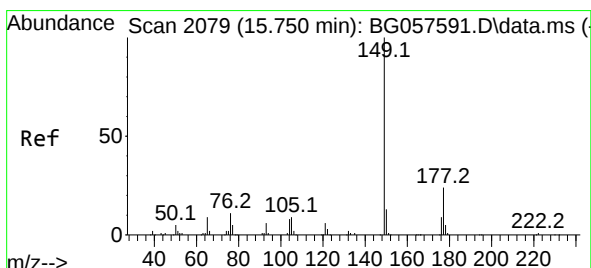
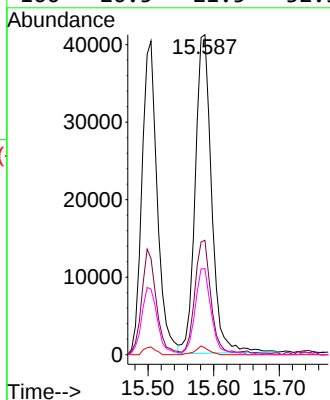
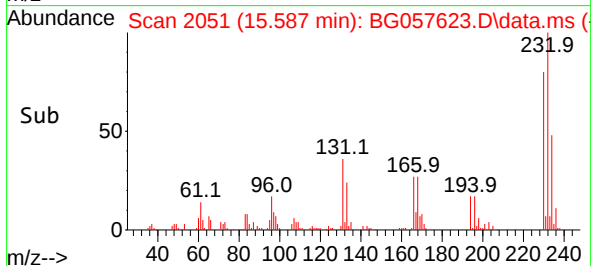
Instrument :
BNA_G
ClientSampleId :
SB16MSD



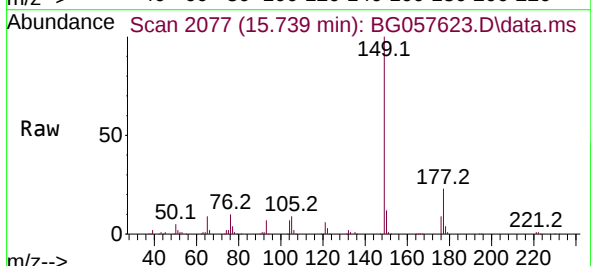
Tgt Ion:232 Resp: 71709
Ion Ratio Lower Upper
232 100
131 33.5 28.6 43.0
130 2.2 1.8 2.6
166 26.5 21.5 32.3

Manual Integrations
APPROVED

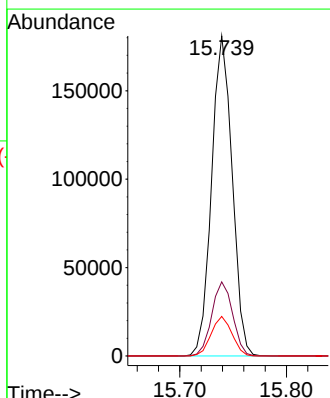
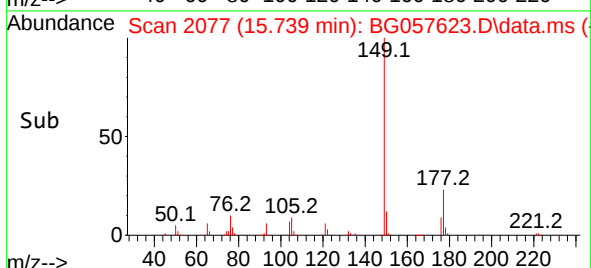
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

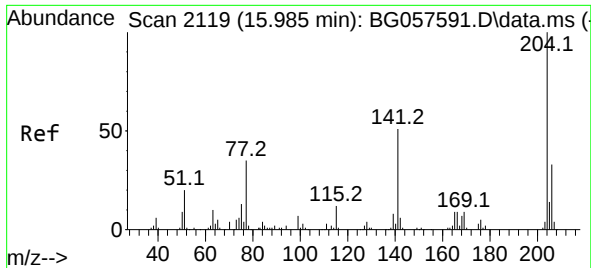


#60
Diethylphthalate
Concen: 44.108 ng
RT: 15.739 min Scan# 2077
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54



Tgt Ion:149 Resp: 242650
Ion Ratio Lower Upper
149 100
177 23.2 19.0 28.6
150 12.4 10.1 15.1





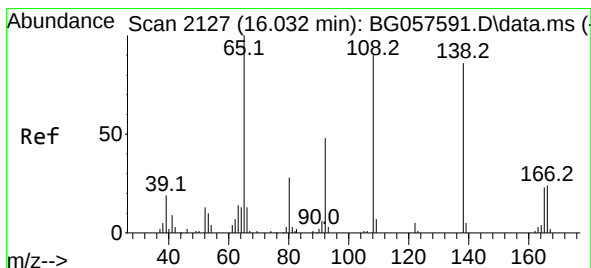
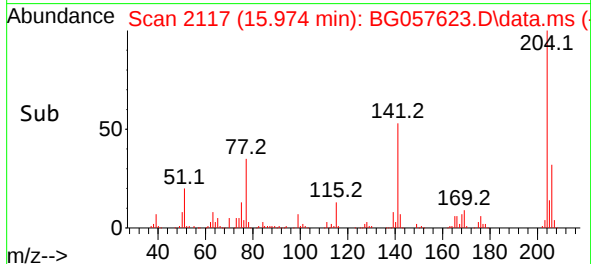
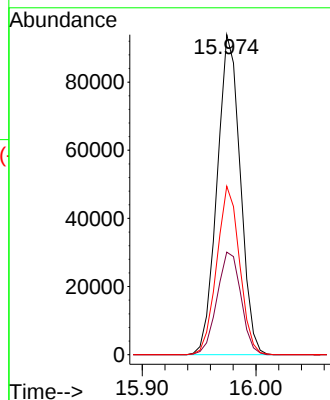
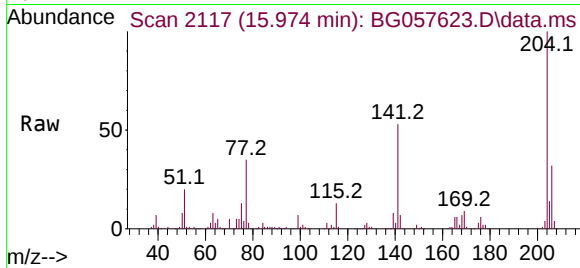
#61
4-Chlorophenyl-phenylether
Concen: 46.317 ng
RT: 15.974 min Scan# 2117
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Instrument :
BNA_G
ClientSampleId :
SB16MSD

Tgt Ion:204 Resp: 13284
Ion Ratio Lower Upper
204 100
206 32.1 26.6 39.8
141 52.7 40.8 61.2

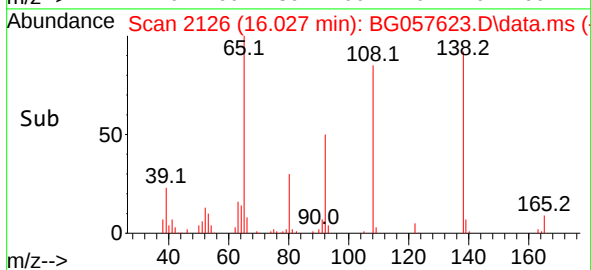
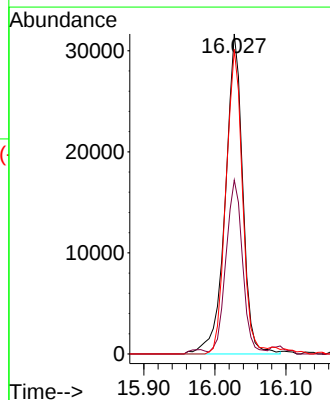
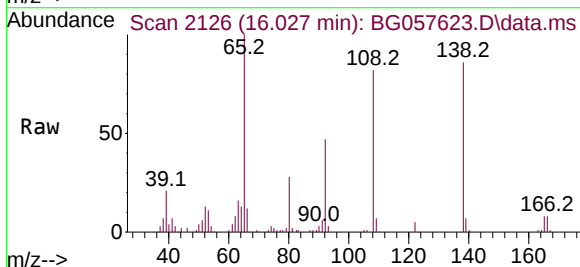
Manual Integrations
APPROVED

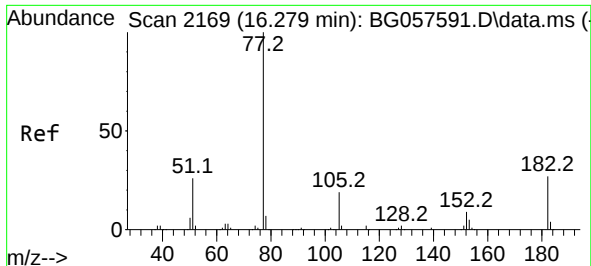
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#62
4-Nitroaniline
Concen: 42.338 ng
RT: 16.027 min Scan# 2126
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:138 Resp: 53745
Ion Ratio Lower Upper
138 100
92 54.3 36.4 76.4
108 95.1 85.4 125.4





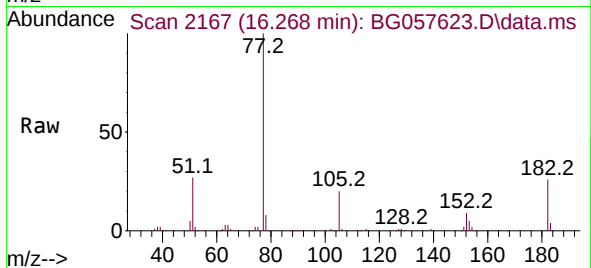
#63
Azobenzene
Concen: 49.862 ng
RT: 16.268 min Scan# 2167
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

SB16MSD

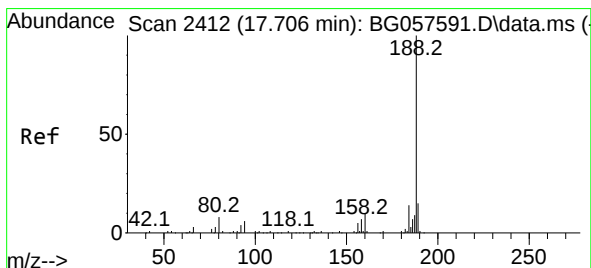
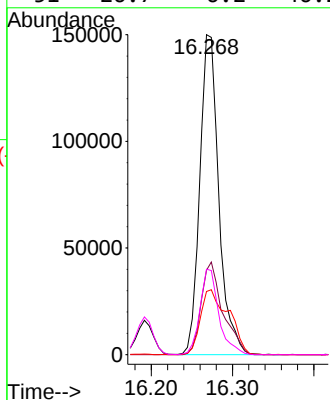
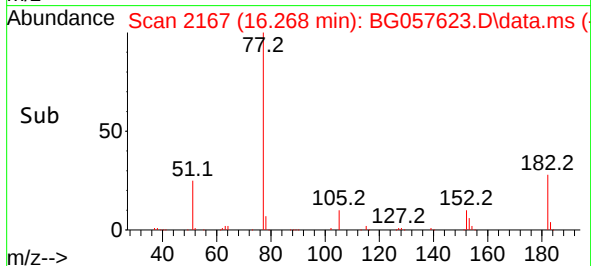


Tgt Ion: 77 Resp: 243948
Ion Ratio Lower Upper
77 100
182 26.4 7.4 47.4
105 19.8 0.0 39.4
51 26.7 6.2 46.2

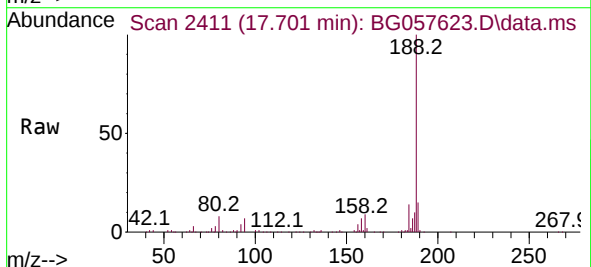
Manual Integrations

APPROVED

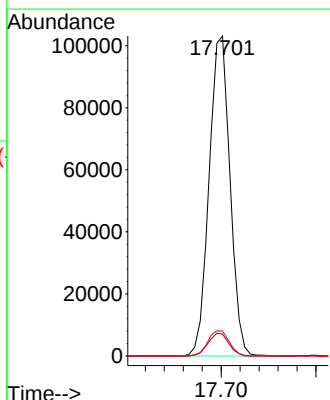
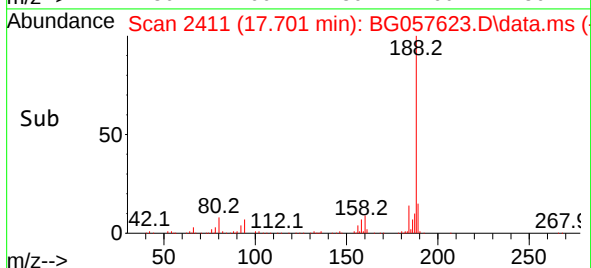
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

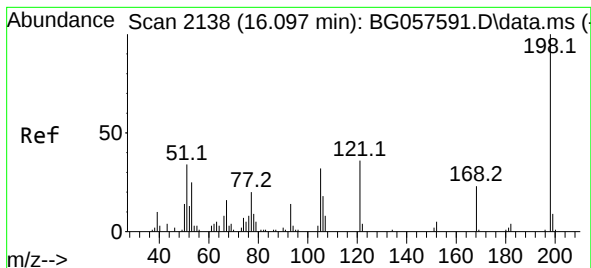


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.701 min Scan# 2411
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54



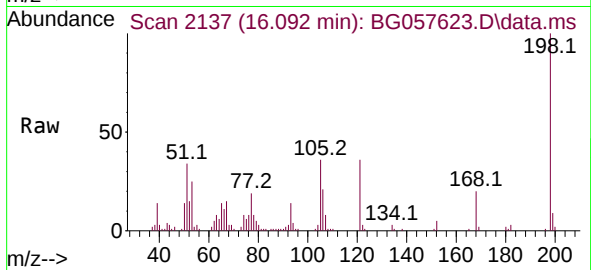
Tgt Ion:188 Resp: 157784
Ion Ratio Lower Upper
188 100
94 6.9 5.2 7.8
80 7.8 6.7 10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 52.875 ng
RT: 16.092 min Scan# 2138
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

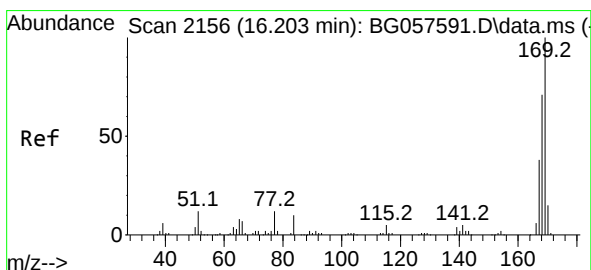
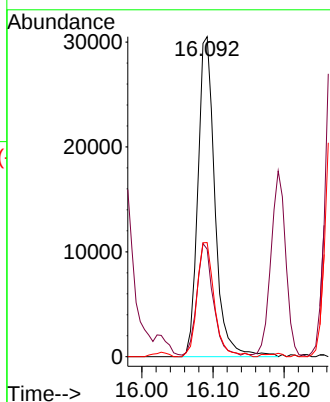
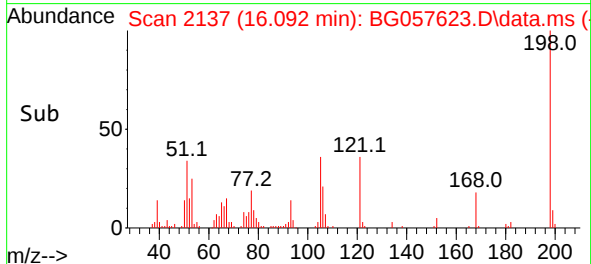
Instrument :
BNA_G
ClientSampleId :
SB16MSD



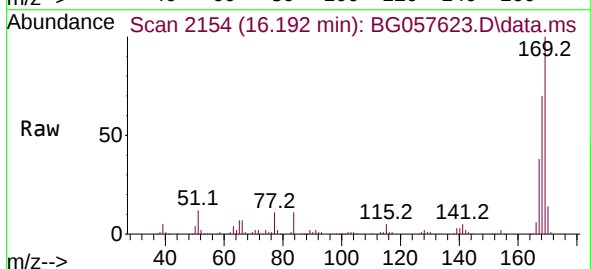
Tgt Ion:198 Resp: 50798
Ion Ratio Lower Upper
198 100
51 33.6 14.9 54.9
105 35.7 11.8 51.8

Manual Integrations
APPROVED

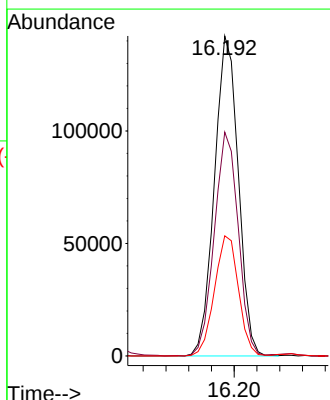
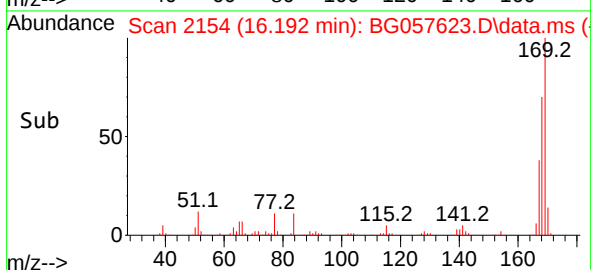
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

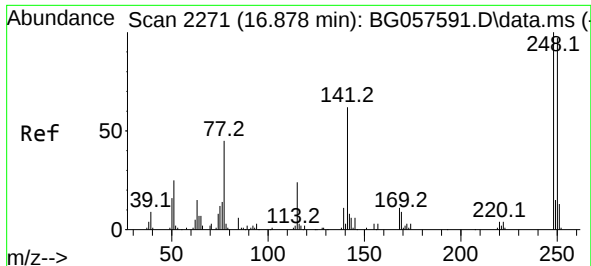


#66
n-Nitrosodiphenylamine
Concen: 50.598 ng
RT: 16.192 min Scan# 2154
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54



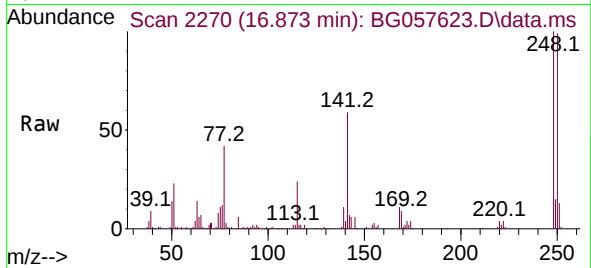
Tgt Ion:169 Resp: 207503
Ion Ratio Lower Upper
169 100
168 70.0 56.7 85.1
167 37.6 30.7 46.1





#67
4-Bromophenyl-phenylether
Concen: 50.266 ng
RT: 16.873 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

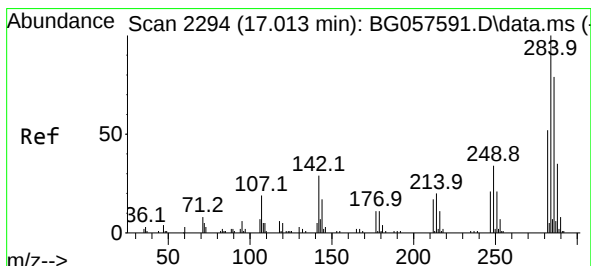
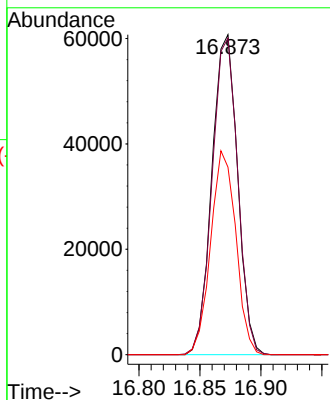
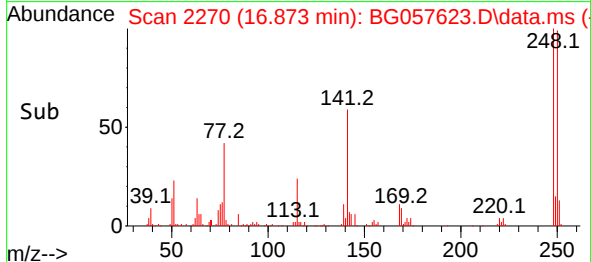
Instrument :
BNA_G
ClientSampleId :
SB16MSD



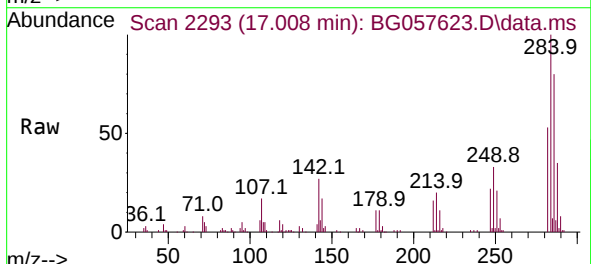
Tgt Ion:248 Resp: 88960
Ion Ratio Lower Upper
248 100
250 99.0 77.4 116.2
141 58.6 49.4 74.0

Manual Integrations
APPROVED

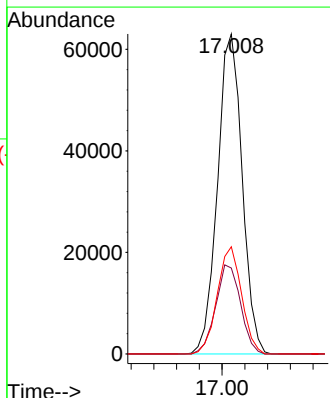
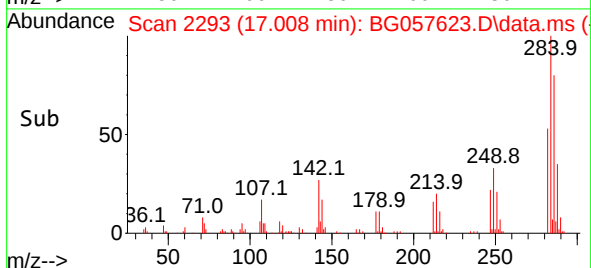
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

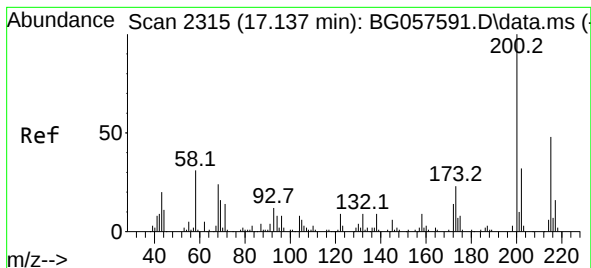


#68
Hexachlorobenzene
Concen: 51.975 ng
RT: 17.008 min Scan# 2293
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54



Tgt Ion:284 Resp: 94824
Ion Ratio Lower Upper
284 100
142 26.8 22.9 34.3
249 33.5 27.0 40.4





#69

Atrazine

Concen: 54.445 ng

RT: 17.126 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

SB16MSD

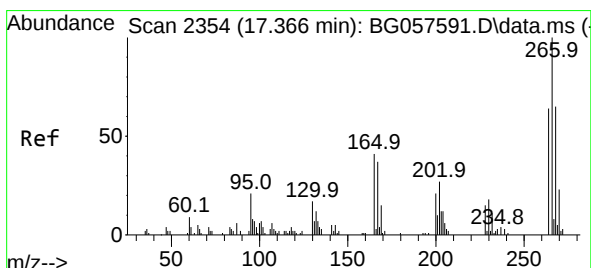
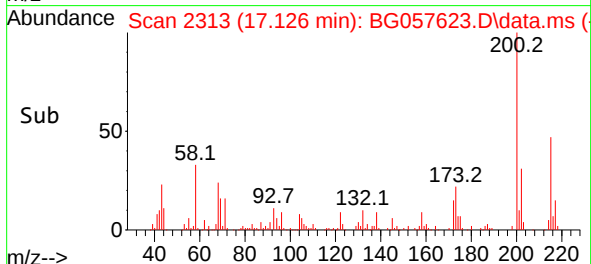
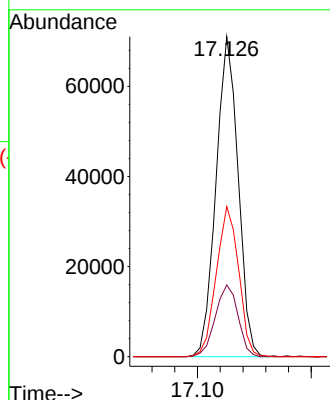
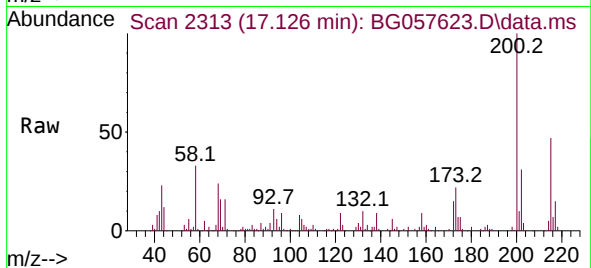
Tgt Ion:200 Resp: 95862
 Ion Ratio Lower Upper
 200 100
 173 22.4 3.2 43.2
 215 46.9 28.4 68.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#70

Pentachlorophenol

Concen: 91.931 ng

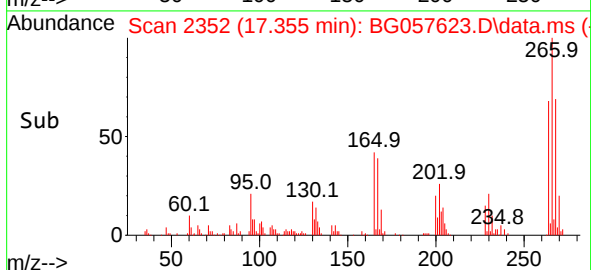
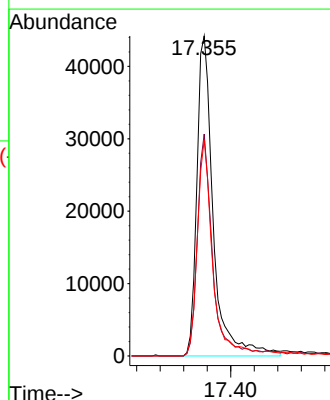
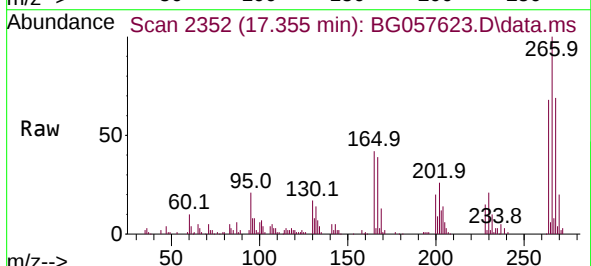
RT: 17.355 min Scan# 2352

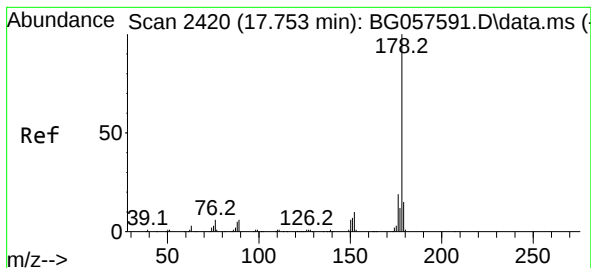
Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

Tgt Ion:266 Resp: 85460
 Ion Ratio Lower Upper
 266 100
 268 69.4 52.2 78.4
 264 67.6 51.2 76.8





#71

Phenanthrene

Concen: 48.480 ng

RT: 17.742 min Scan# 2418

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

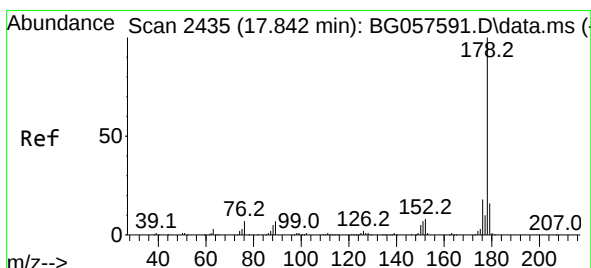
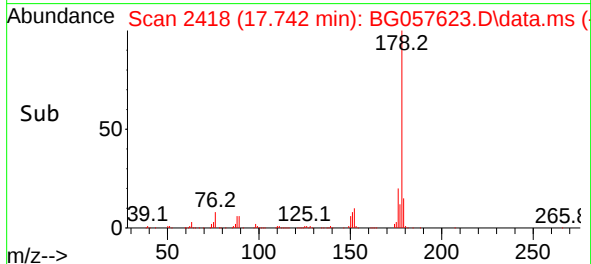
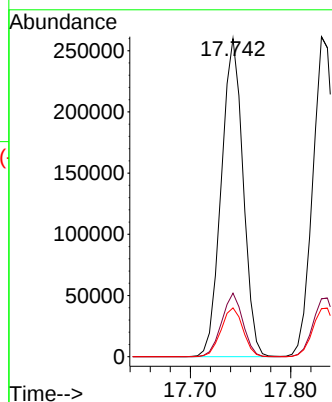
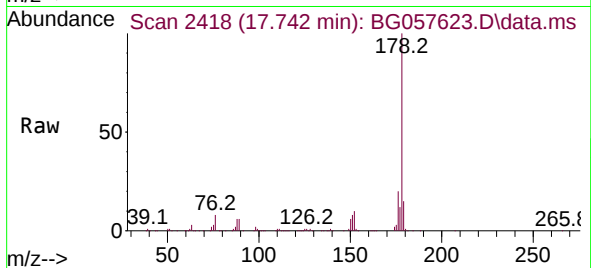
SB16MSD

Tgt Ion:178	Resp:	39144
Ion Ratio	Lower	Upper
178	100	
176	20.0	15.3 22.9
179	15.3	12.0 18.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#72

Anthracene

Concen: 48.590 ng

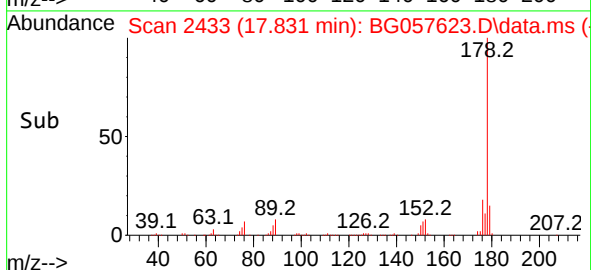
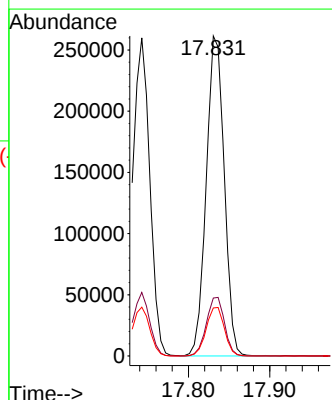
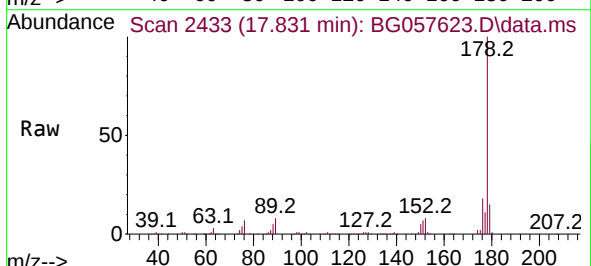
RT: 17.831 min Scan# 2433

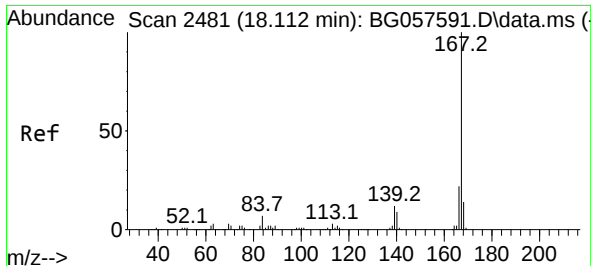
Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

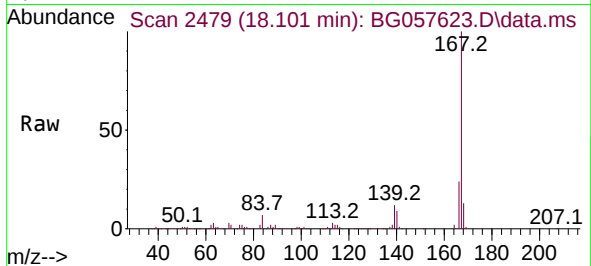
Tgt Ion:178	Resp:	402479
Ion Ratio	Lower	Upper
178	100	
176	18.1	14.6 22.0
179	15.0	12.6 18.8





#73
Carbazole
Concen: 48.266 ng
RT: 18.101 min Scan# 2481
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

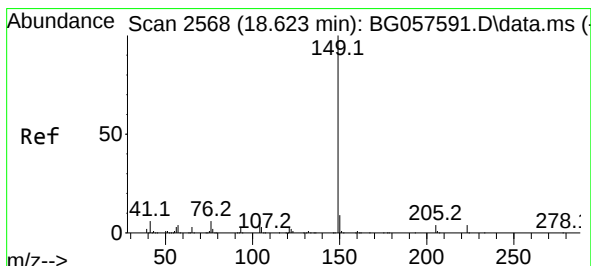
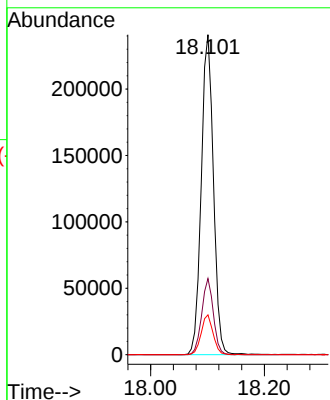
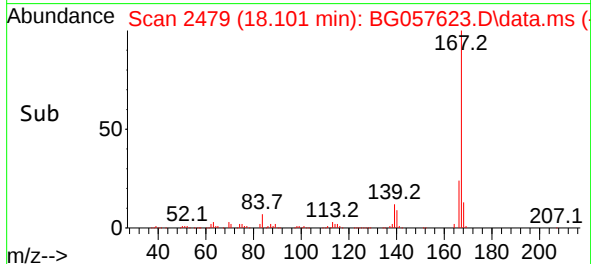
Instrument :
BNA_G
ClientSampleId :
SB16MSD



Tgt Ion:167 Resp: 35765
Ion Ratio Lower Upper
167 100
166 23.8 17.9 26.9
139 12.4 9.6 14.4

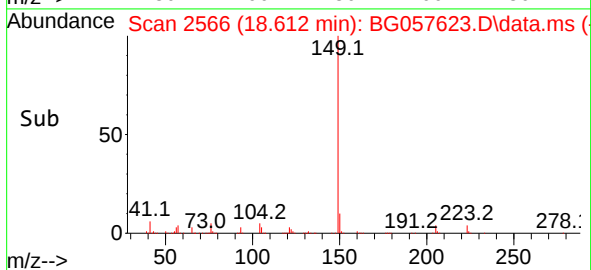
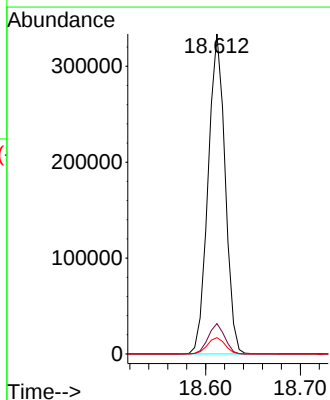
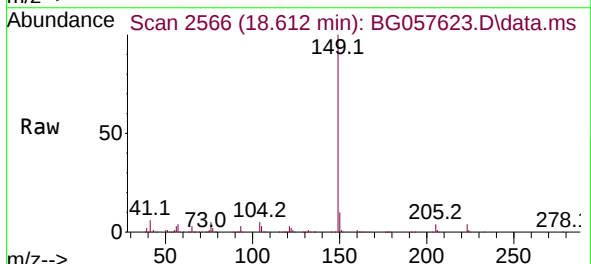
Manual Integrations
APPROVED

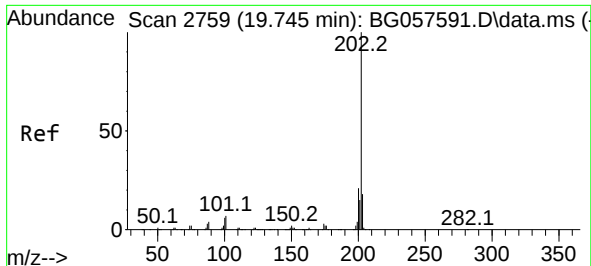
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#74
Di-n-butylphthalate
Concen: 47.281 ng
RT: 18.612 min Scan# 2566
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

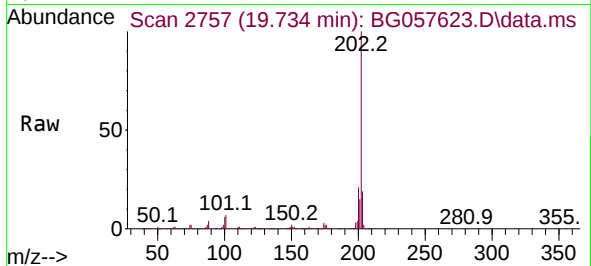
Tgt Ion:149 Resp: 415912
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 5.1 4.6 6.8





#75
Fluoranthene
Concen: 44.648 ng
RT: 19.734 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

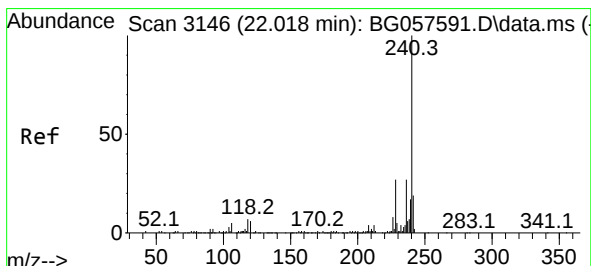
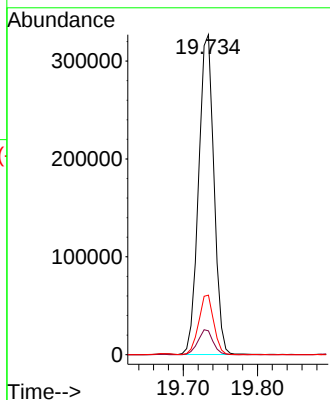
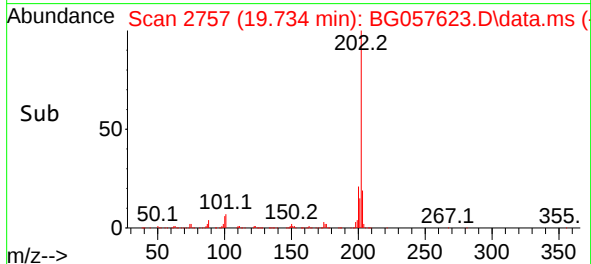
Instrument :
BNA_G
ClientSampleId :
SB16MSD



Tgt Ion:202 Resp: 468000
Ion Ratio Lower Upper
202 100
101 7.4 0.0 27.5
203 18.6 0.0 38.4

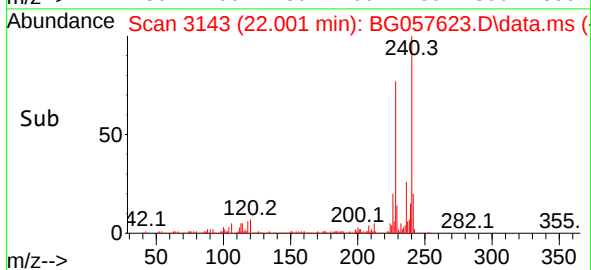
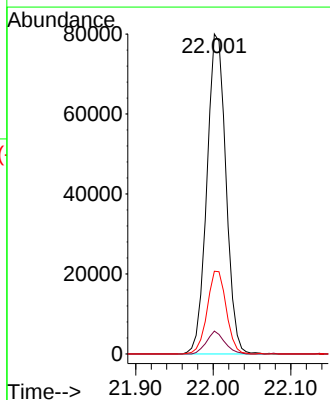
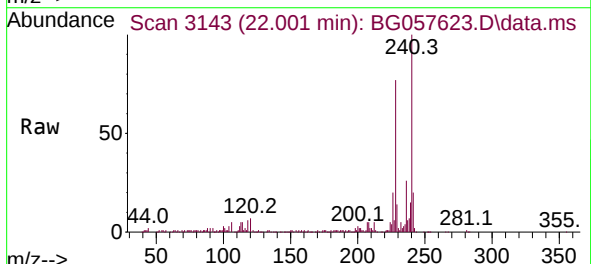
Manual Integrations
APPROVED

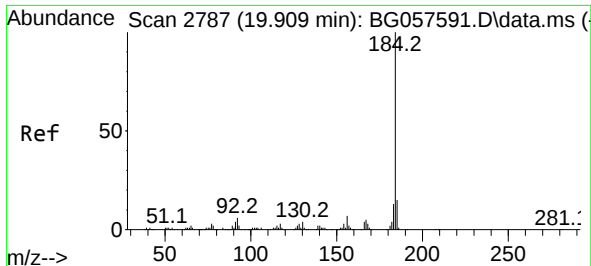
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.001 min Scan# 3143
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:240 Resp: 136362
Ion Ratio Lower Upper
240 100
120 7.2 5.2 7.8
236 25.8 21.4 32.0





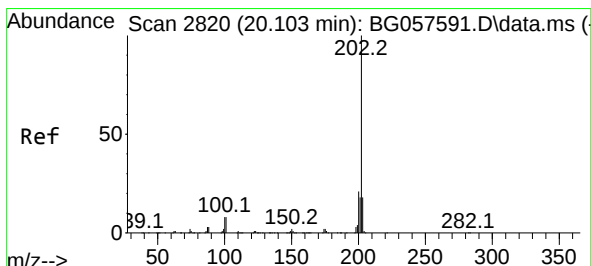
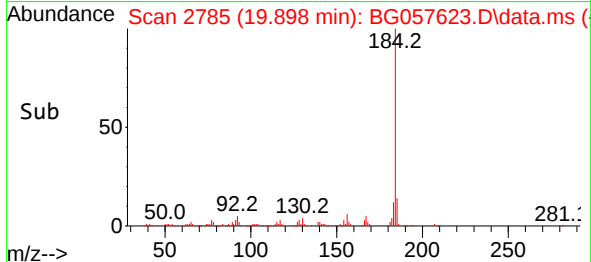
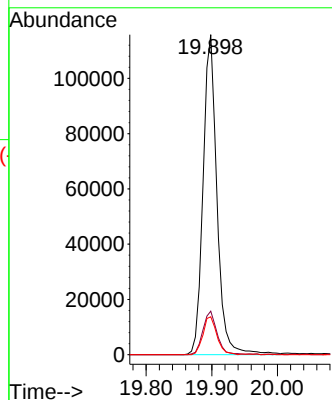
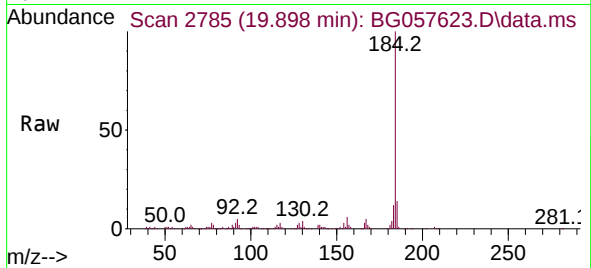
#77
Benzidine
Concen: 41.443 ng
RT: 19.898 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Instrument :
BNA_G
ClientSampleId :
SB16MSD

Tgt Ion:184 Resp: 171000
Ion Ratio Lower Upper
184 100
185 13.6 12.0 18.0
183 11.8 10.0 15.0

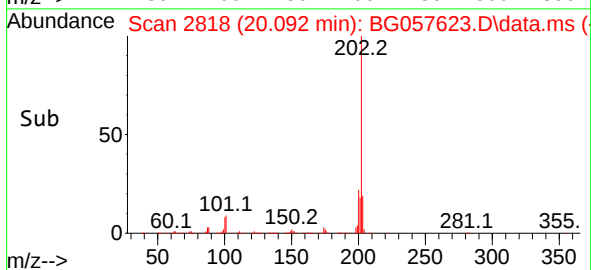
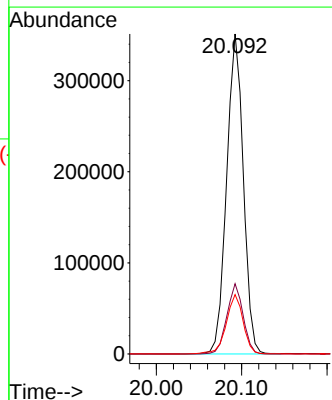
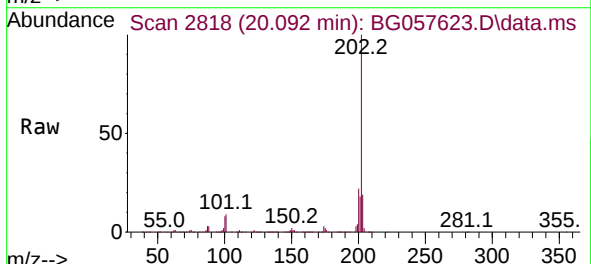
Manual Integrations
APPROVED

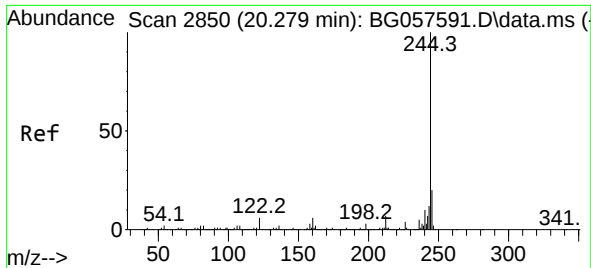
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#78
Pyrene
Concen: 49.183 ng
RT: 20.092 min Scan# 2818
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Tgt Ion:202 Resp: 477534
Ion Ratio Lower Upper
202 100
200 22.0 16.8 25.2
203 18.5 14.5 21.7





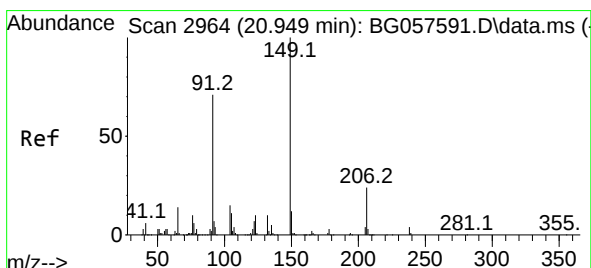
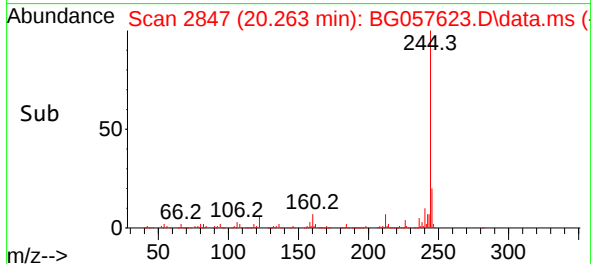
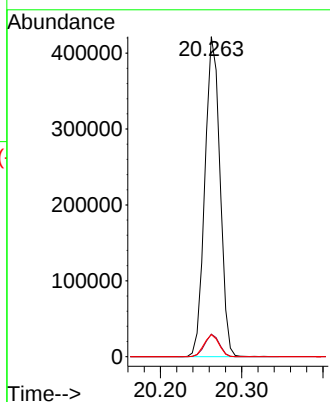
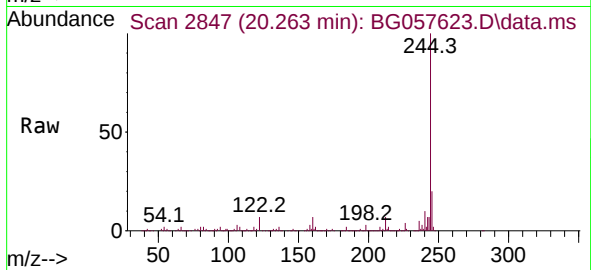
#79
Terphenyl-d14
Concen: 69.003 ng
RT: 20.263 min Scan# 2847
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

Instrument :
BNA_G
ClientSampleId :
SB16MSD

Tgt Ion:244 Resp: 54320
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 6.9 4.8 7.2

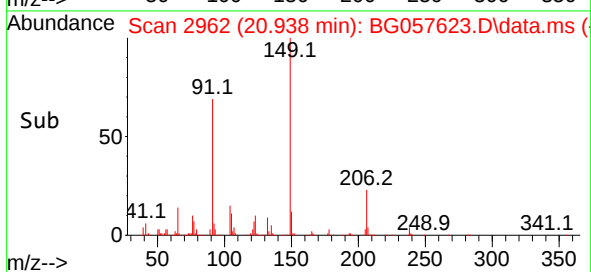
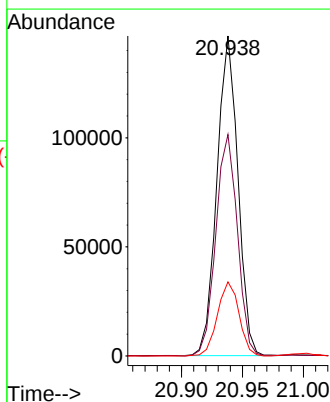
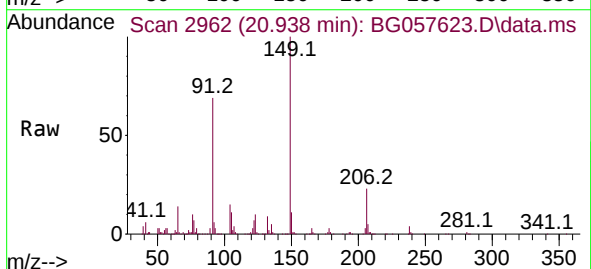
Manual Integrations
APPROVED

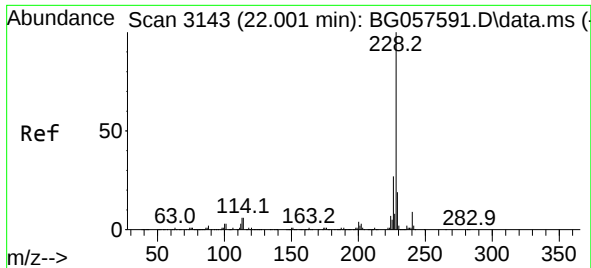
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#80
Butylbenzylphthalate
Concen: 49.693 ng
RT: 20.938 min Scan# 2962
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

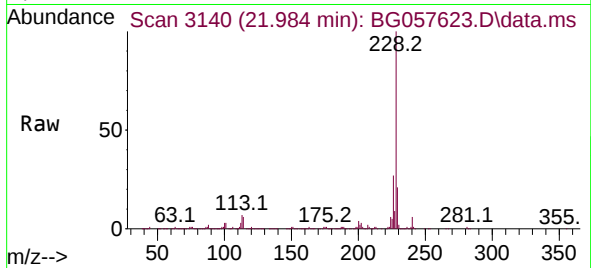
Tgt Ion:149 Resp: 175716
Ion Ratio Lower Upper
149 100
91 69.2 57.0 85.6
206 23.2 19.4 29.2





#81
Benzo(a)anthracene
Concen: 49.049 ng
RT: 21.984 min Scan# 3143
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

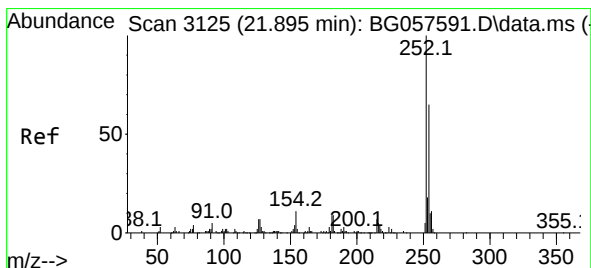
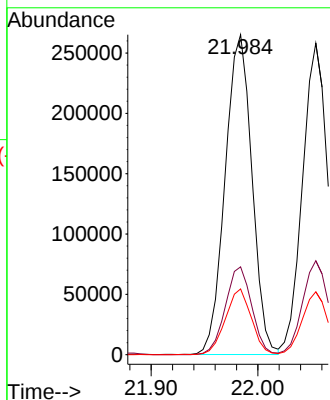
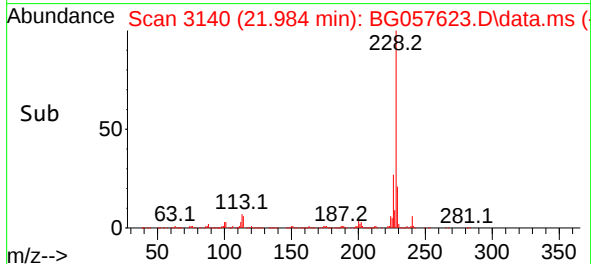
Instrument :
BNA_G
ClientSampleId :
SB16MSD



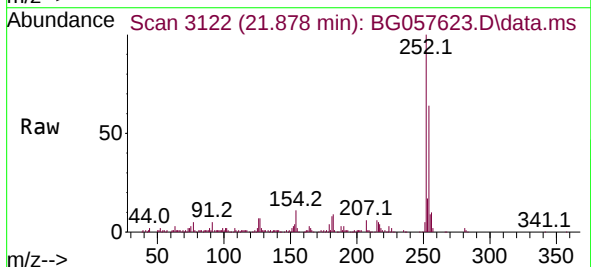
Tgt Ion:228 Resp: 464018
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 20.6 15.4 23.2

Manual Integrations
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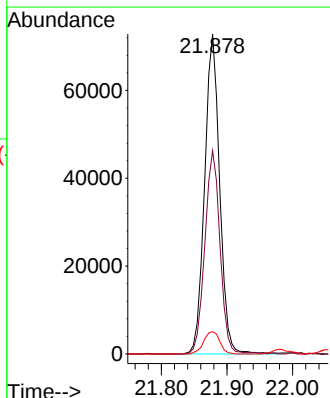
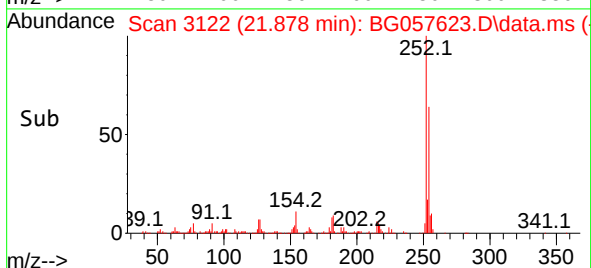
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

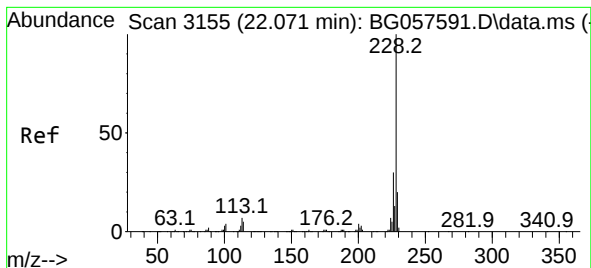


#82
3,3'-Dichlorobenzidine
Concen: 33.352 ng
RT: 21.878 min Scan# 3122
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54



Tgt Ion:252 Resp: 116354
Ion Ratio Lower Upper
252 100
254 63.5 51.8 77.8
126 7.0 5.4 8.2





#83

Chrysene

Concen: 47.749 ng

RT: 22.054 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

SB16MSD

Tgt Ion:228 Resp: 426870

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

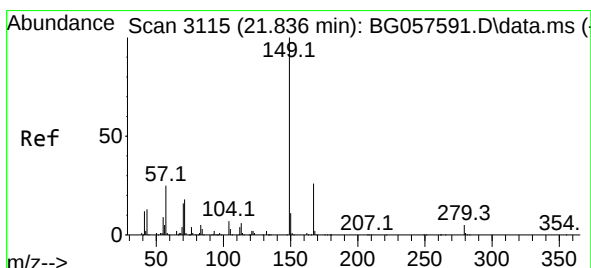
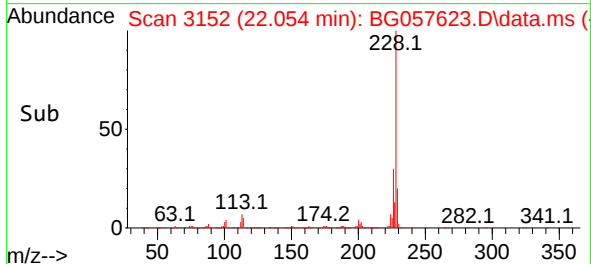
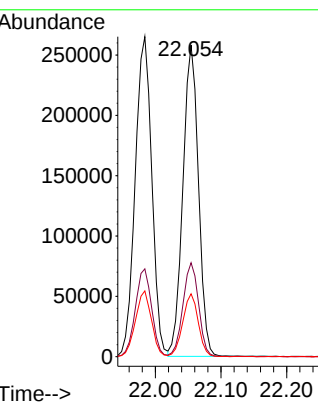
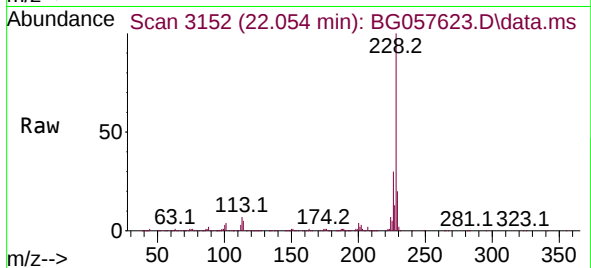
229 20.2 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.679 ng

RT: 21.819 min Scan# 3112

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

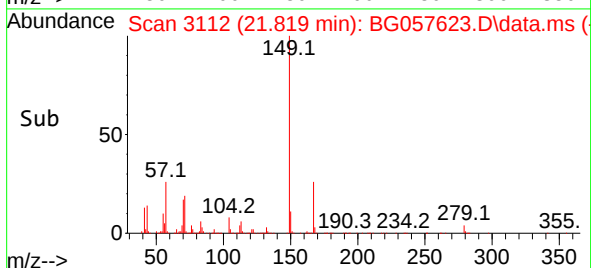
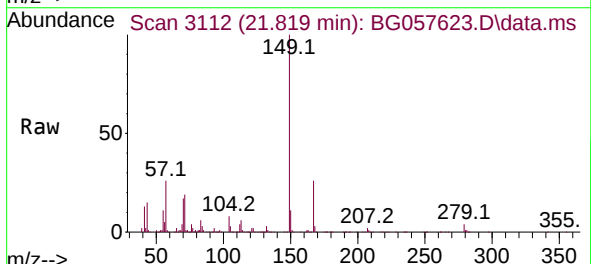
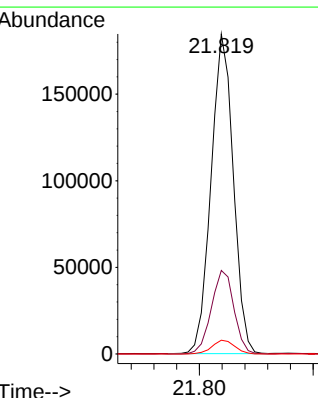
Tgt Ion:149 Resp: 250578

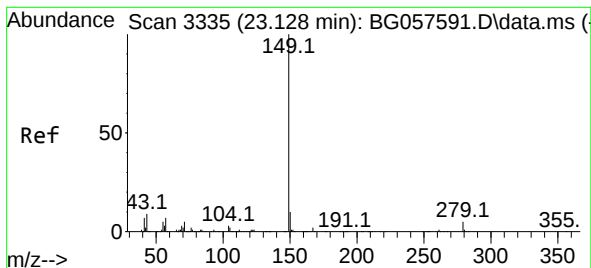
Ion Ratio Lower Upper

149 100

167 26.1 20.6 31.0

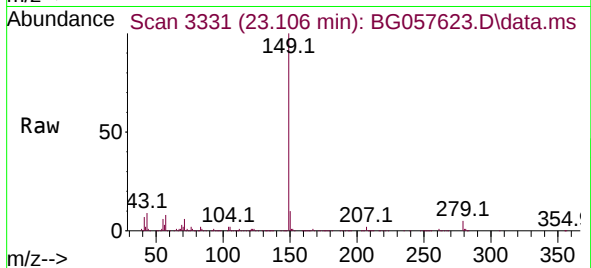
279 4.3 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 50.643 ng
RT: 23.106 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

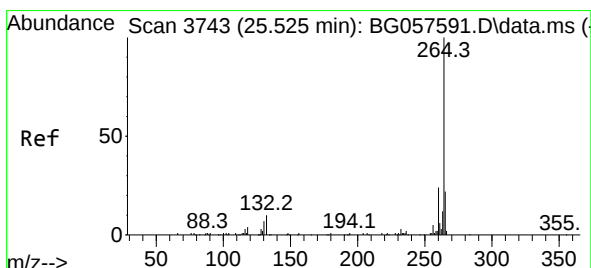
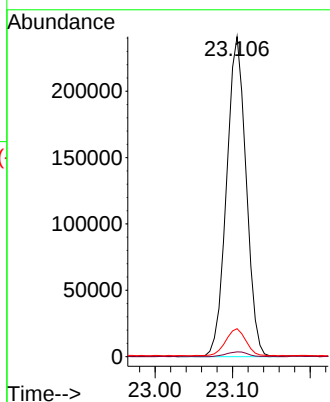
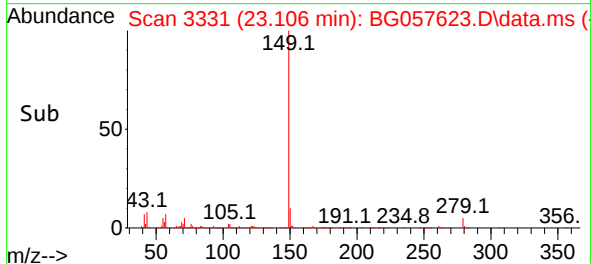
Instrument :
BNA_G
ClientSampleId :
SB16MSD



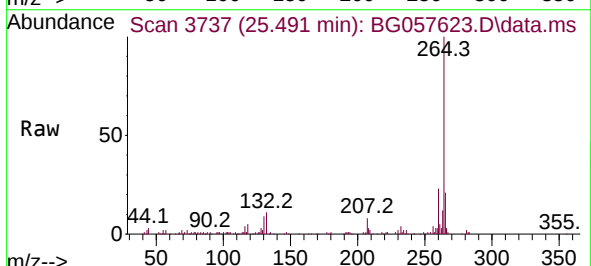
Tgt Ion:149 Resp: 42340
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.7 7.0 10.4

Manual Integrations
APPROVED

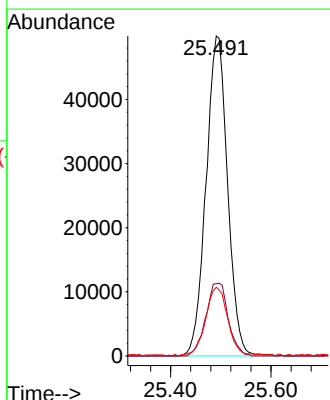
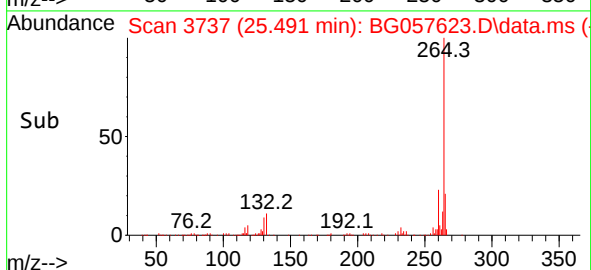
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

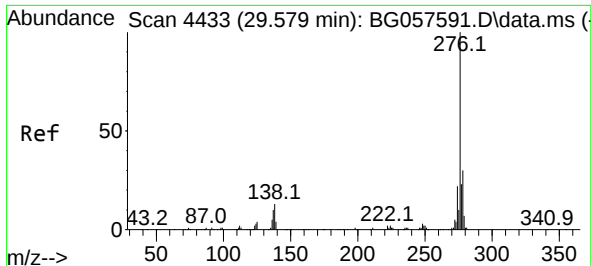


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.491 min Scan# 3737
Delta R.T. -0.008 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54



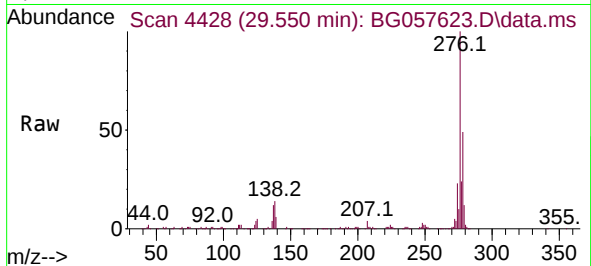
Tgt Ion:264 Resp: 148510
Ion Ratio Lower Upper
264 100
260 22.6 19.1 28.7
265 21.5 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.961 ng
RT: 29.550 min Scan# 4433
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

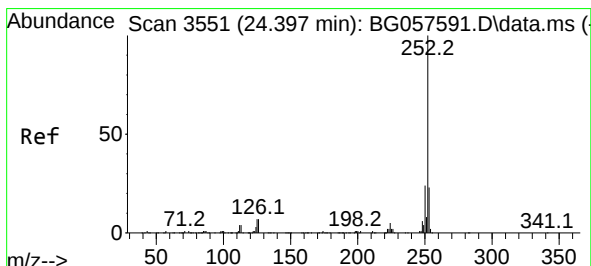
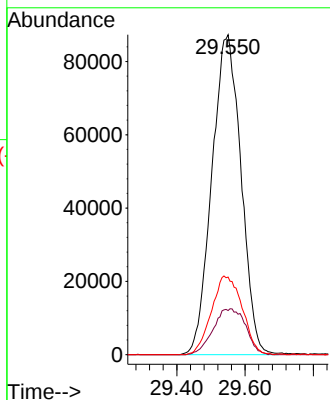
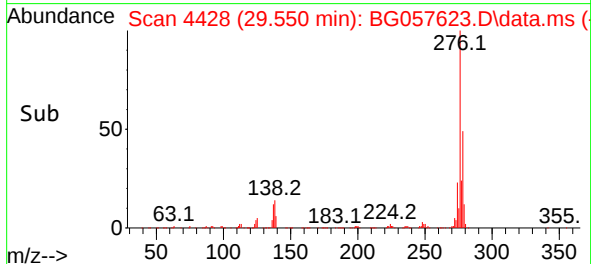
Instrument :
BNA_G
ClientSampleId :
SB16MSD



Tgt Ion:276 Resp: 517308
Ion Ratio Lower Upper
276 100
138 16.0 12.3 18.5
277 25.9 20.5 30.7

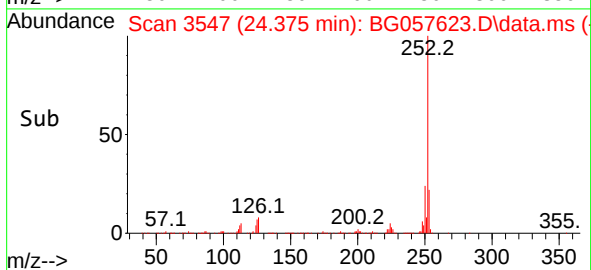
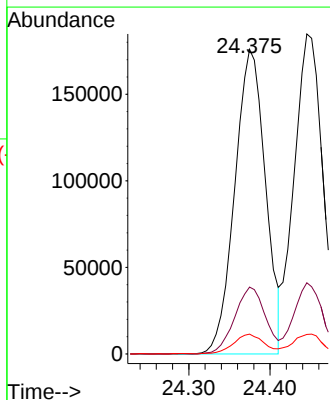
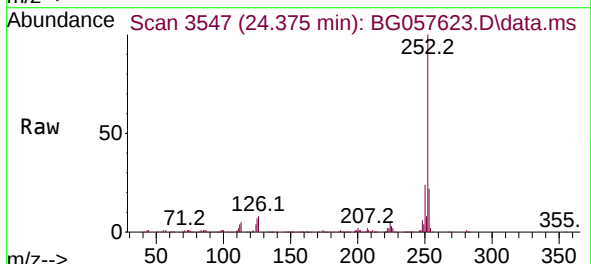
Manual Integrations
APPROVED

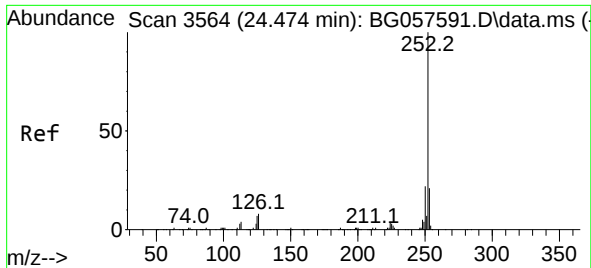
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#88
Benzo(b)fluoranthene
Concen: 50.488 ng
RT: 24.375 min Scan# 3547
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

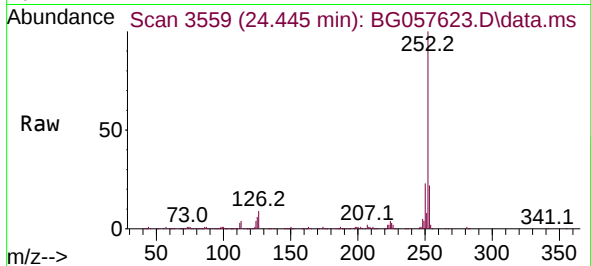
Tgt Ion:252 Resp: 461520
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 6.5 5.2 7.8





#89
Benzo(k)fluoranthene
Concen: 49.347 ng
RT: 24.445 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54

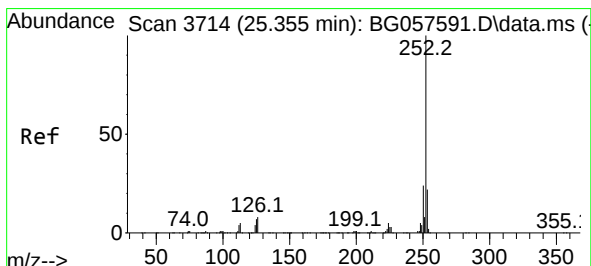
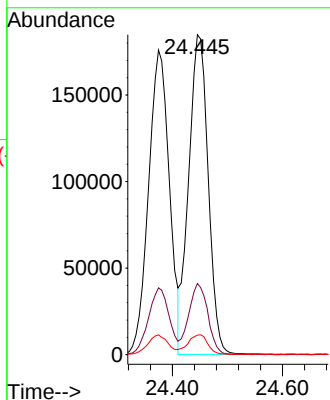
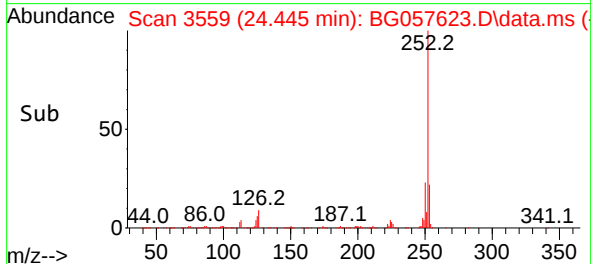
Instrument :
BNA_G
ClientSampleId :
SB16MSD



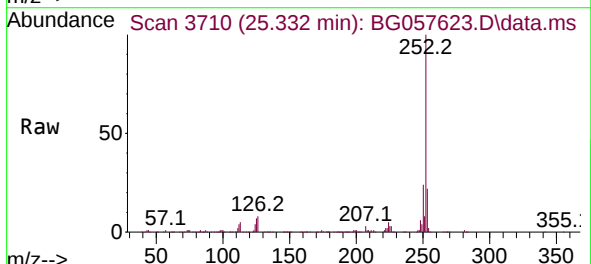
Tgt Ion:252 Resp: 455254
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 6.1 5.1 7.7

Manual Integrations
APPROVED

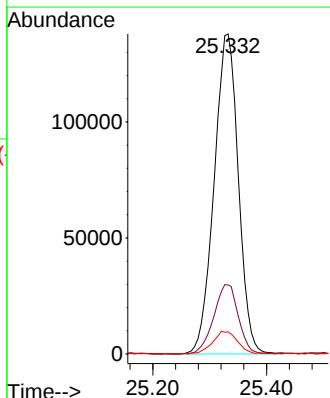
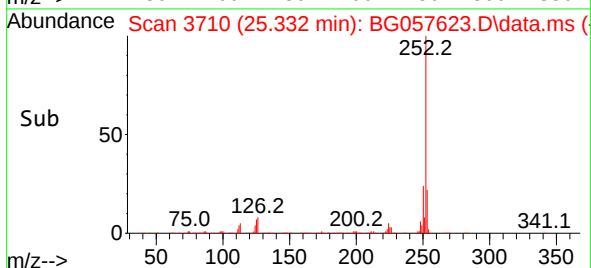
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

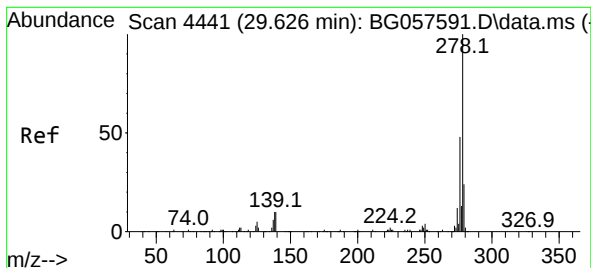


#90
Benzo(a)pyrene
Concen: 45.697 ng
RT: 25.332 min Scan# 3710
Delta R.T. 0.004 min
Lab File: BG057623.D
Acq: 31 May 2023 15:54



Tgt Ion:252 Resp: 407378
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 6.9 5.3 7.9





#91

Dibenzo(a,h)anthracene

Concen: 50.197 ng

RT: 29.591 min Scan# 4441

Delta R.T. -0.002 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

Instrument :

BNA_G

ClientSampleId :

SB16MSD

Tgt Ion:278 Resp: 432558

Ion Ratio Lower Upper

278 100

139 10.0 7.8 11.8

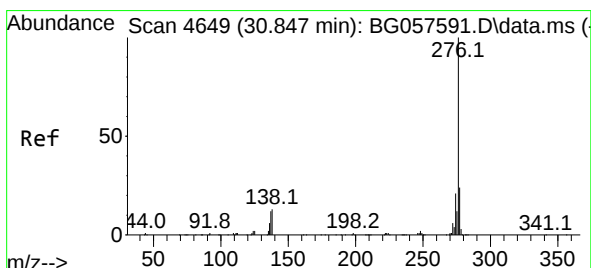
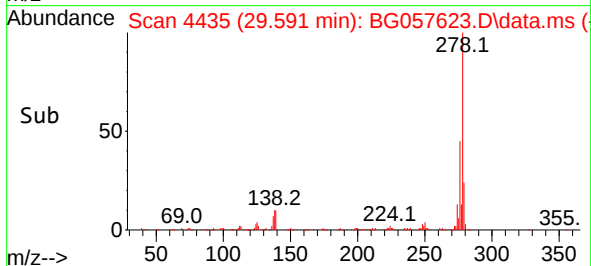
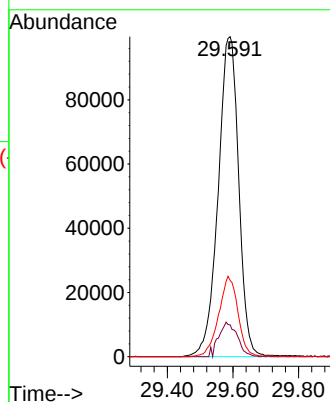
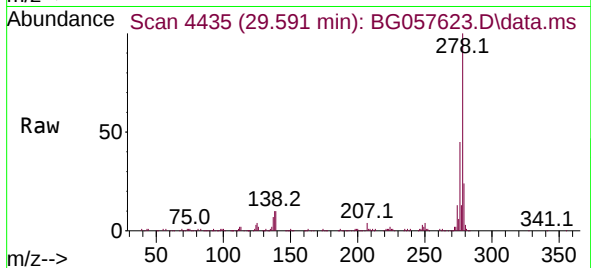
279 23.8 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#92

Benzo(g,h,i)perylene

Concen: 49.984 ng

RT: 30.813 min Scan# 4643

Delta R.T. 0.004 min

Lab File: BG057623.D

Acq: 31 May 2023 15:54

Tgt Ion:276 Resp: 420067

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 13.2 10.2 15.4

