

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057639.D
 Acq On : 6 Jun 2023 16:05
 Operator : CG/JU
 Sample : PB153188BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153188BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/09/2023
 Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 06 17:40:38 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	22179	20.000	ng	0.00
21) Naphthalene-d8	11.180	136	95175	20.000	ng	0.00
39) Acenaphthene-d10	14.957	164	71974	20.000	ng	0.00
64) Phenanthrene-d10	17.701	188	183045	20.000	ng	0.00
76) Chrysene-d12	22.006	240	153706	20.000	ng	0.00
86) Perylene-d12	25.496	264	166726	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.858	112	205058	160.624	ng	0.00
7) Phenol-d6	7.491	99	299297	149.805	ng	0.00
23) Nitrobenzene-d5	9.523	82	185423	91.072	ng	0.00
42) 2,4,6-Tribromophenol	16.443	330	153162	132.916	ng	0.00
45) 2-Fluorobiphenyl	13.583	172	481064	96.055	ng	0.00
79) Terphenyl-d14	20.268	244	908732	102.411	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.643	88	19967	37.749	ng	95
3) Pyridine	4.072	79	55712	34.452	ng	98
4) n-Nitrosodimethylamine	3.978	42	28038	42.853	ng	90
6) Aniline	7.649	93	78821	32.611	ng	98
8) 2-Chlorophenol	7.902	128	75887	55.369	ng	95
9) Benzaldehyde	7.467	77	44584	33.681	ng	98
10) Phenol	7.520	94	104086	55.043	ng	98
11) bis(2-Chloroethyl)ether	7.743	93	69253	49.047	ng	96
12) 1,3-Dichlorobenzene	8.225	146	75999	52.049	ng	98
13) 1,4-Dichlorobenzene	8.372	146	75940	51.121	ng	97
14) 1,2-Dichlorobenzene	8.701	146	75258	51.940	ng	98
15) Benzyl Alcohol	8.578	79	76109	49.522	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.860	45	91527	52.203	ng	96
17) 2-Methylphenol	8.789	107	70843	51.015	ng	97
18) Hexachloroethane	9.435	117	27725	54.507	ng	95
19) n-Nitroso-di-n-propyla...	9.142	70	65887	47.468	ng	95
20) 3+4-Methylphenols	9.118	107	98894	50.731	ng	96
22) Acetophenone	9.171	105	118982	46.752	ng	# 94
24) Nitrobenzene	9.565	77	94693	45.819	ng	99
25) Isophorone	10.081	82	182448	45.591	ng	98
26) 2-Nitrophenol	10.281	139	43602	49.205	ng	97
27) 2,4-Dimethylphenol	10.328	122	81962	53.499	ng	98
28) bis(2-Chloroethoxy)met...	10.557	93	104698	50.454	ng	98
29) 2,4-Dichlorophenol	10.828	162	85150	52.919	ng	98
30) 1,2,4-Trichlorobenzene	11.039	180	84743	48.323	ng	99
31) Naphthalene	11.227	128	231769	46.034	ng	98
32) Benzoic acid	10.493	122	35645m	41.026	ng	
33) 4-Chloroaniline	11.339	127	63516	27.433	ng	99
34) Hexachlorobutadiene	11.497	225	57553	47.449	ng	96
35) Caprolactam	12.108	113	29797m	44.670	ng	
36) 4-Chloro-3-methylphenol	12.443	107	95888	50.345	ng	97
37) 2-Methylnaphthalene	12.813	142	177096	44.818	ng	98
38) 1-Methylnaphthalene	13.025	142	167658	44.462	ng	97
40) 1,2,4,5-Tetrachloroben...	13.171	216	115865	49.045	ng	99
41) Hexachlorocyclopentadiene	13.142	237	66541	97.536	ng	93
43) 2,4,6-Trichlorophenol	13.412	196	76278	51.287	ng	98

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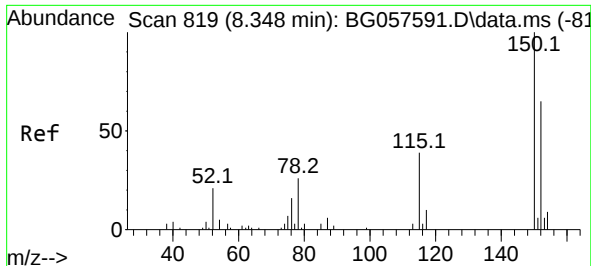
Manual Integrations
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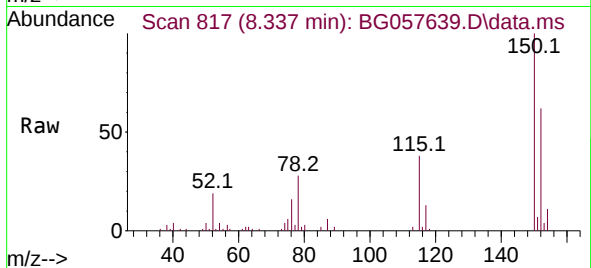
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.495	196	83268	47.008	ng	95
46) 1,1'-Biphenyl	13.794	154	259106	50.370	ng	99
47) 2-Chloronaphthalene	13.847	162	194937	50.311	ng	96
48) 2-Nitroaniline	14.053	65	64808	47.751	ng	100
49) Acenaphthylene	14.687	152	316738	48.275	ng	99
50) Dimethylphthalate	14.393	163	275862	46.504	ng	100
51) 2,6-Dinitrotoluene	14.534	165	62093	48.899	ng	97
52) Acenaphthene	15.022	154	192409	47.926	ng	95
53) 3-Nitroaniline	14.869	138	39206	29.601	ng	97
54) 2,4-Dinitrophenol	15.086	184	68264	88.309	ng	97
55) Dibenzofuran	15.357	168	320806	46.764	ng	97
56) 4-Nitrophenol	15.180	139	81277	92.103	ng	94
57) 2,4-Dinitrotoluene	15.321	165	91413	48.080	ng	# 99
58) Fluorene	16.003	166	271538	46.880	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.586	232	79060	47.641	ng	99
60) Diethylphthalate	15.739	149	289540	46.764	ng	99
61) 4-Chlorophenyl-phenyle...	15.974	204	155276	48.103	ng	99
62) 4-Nitroaniline	16.026	138	60632	42.438	ng	89
63) Azobenzene	16.273	77	262816	47.730	ng	98
65) 4,6-Dinitro-2-methylph...	16.091	198	55020	49.366	ng	96
66) n-Nitrosodiphenylamine	16.197	169	241149	50.687	ng	100
67) 4-Bromophenyl-phenylether	16.872	248	104041	50.671	ng	98
68) Hexachlorobenzene	17.007	284	111749	52.799	ng	98
69) Atrazine	17.125	200	109321	53.520	ng	99
70) Pentachlorophenol	17.354	266	87725	81.344	ng	98
71) Phenanthrene	17.742	178	462188	49.342	ng	99
72) Anthracene	17.836	178	464961	48.386	ng	98
73) Carbazole	18.100	167	416640	48.467	ng	99
74) Di-n-butylphthalate	18.611	149	480441	47.079	ng	99
75) Fluoranthene	19.733	202	541646	44.542	ng	99
77) Benzidine	19.898	184	217803	46.828	ng	98
78) Pyrene	20.091	202	554201	50.639	ng	99
80) Butylbenzylphthalate	20.937	149	205557	51.572	ng	98
81) Benzo(a)anthracene	21.983	228	531396	49.833	ng	99
82) 3,3'-Dichlorobenzidine	21.877	252	116230	29.557	ng	100
83) Chrysene	22.054	228	480787	47.711	ng	99
84) Bis(2-ethylhexyl)phtha...	21.819	149	294616	51.818	ng	98
85) Di-n-octyl phthalate	23.105	149	491996	52.207	ng	100
87) Indeno(1,2,3-cd)pyrene	29.543	276	589136	50.682	ng	# 84
88) Benzo(b)fluoranthene	24.380	252	532893	51.926	ng	98
89) Benzo(k)fluoranthene	24.456	252	523926	50.586	ng	98
90) Benzo(a)pyrene	25.331	252	468466	46.809	ng	100
91) Dibenzo(a,h)anthracene	29.596	278	494042	51.068	ng	99
92) Benzo(g,h,i)perylene	30.818	276	481077	50.989	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.337 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

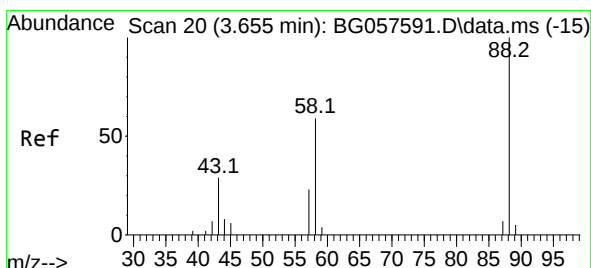
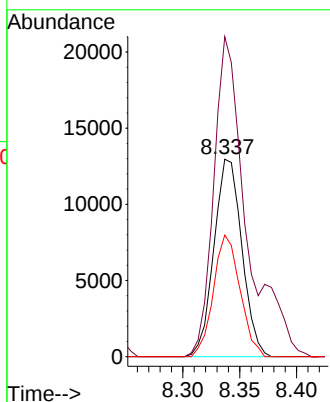
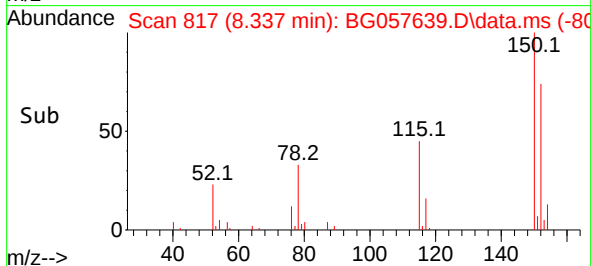
Instrument :
BNA_G
ClientSampleId :
PB153188BSD



Tgt Ion:152 Resp: 22179
Ion Ratio Lower Upper
152 100
150 162.1 123.0 184.4
115 61.6 47.4 71.2

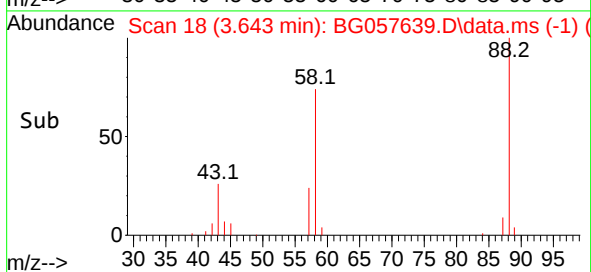
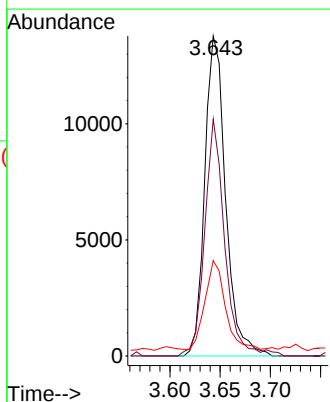
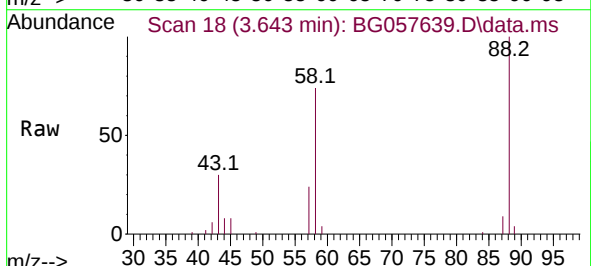
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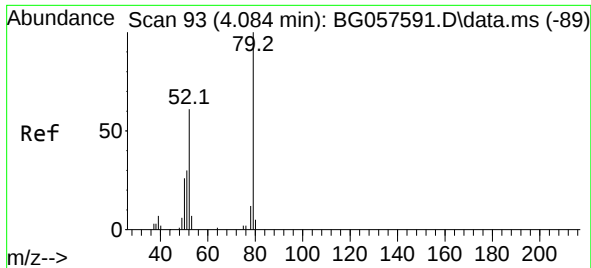
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#2
1,4-Dioxane
Concen: 37.749 ng
RT: 3.643 min Scan# 18
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

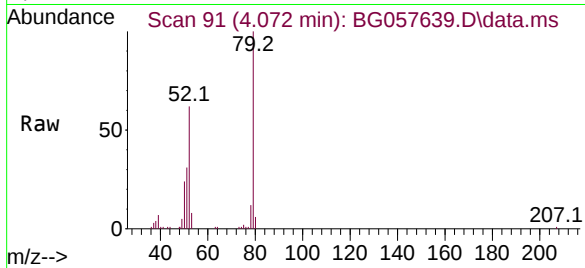
Tgt Ion: 88 Resp: 19967
Ion Ratio Lower Upper
88 100
58 71.1 52.6 79.0
43 27.3 22.1 33.1





#3
Pyridine
Concen: 34.452 ng
RT: 4.072 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

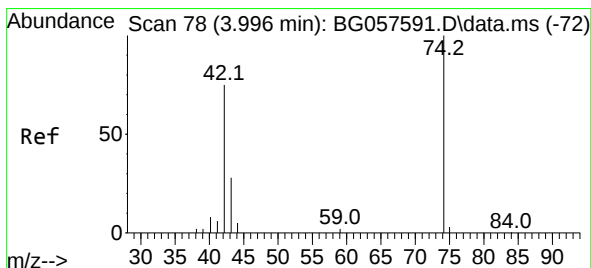
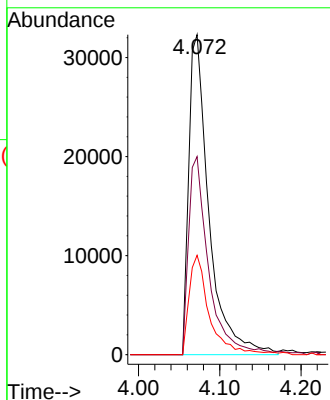
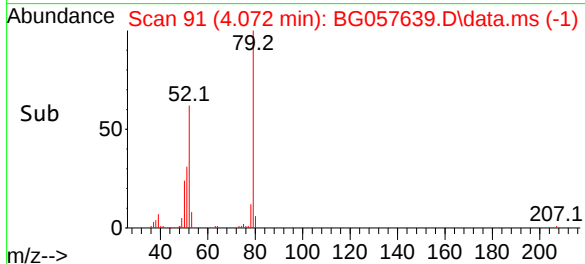
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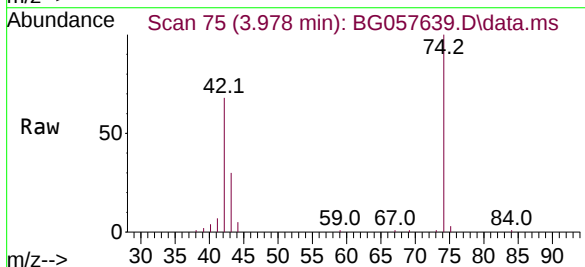
Tgt Ion: 79 Resp: 55712
Ion Ratio Lower Upper
79 100
52 61.9 48.4 72.6
51 31.1 24.4 36.6

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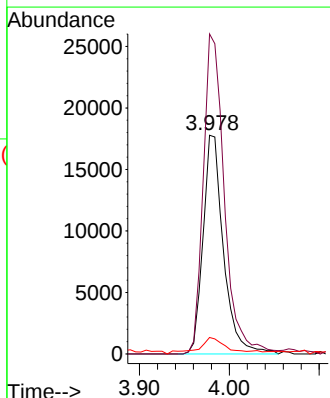
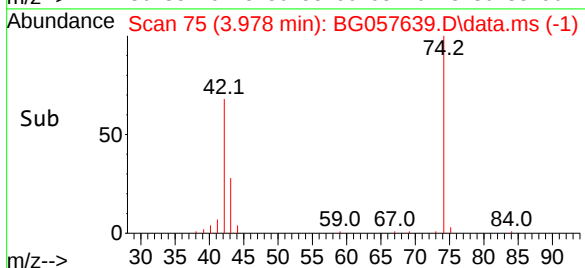
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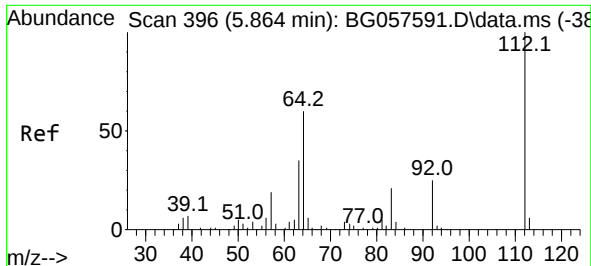


#4
n-Nitrosodimethylamine
Concen: 42.853 ng
RT: 3.978 min Scan# 75
Delta R.T. -0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05



Tgt Ion: 42 Resp: 28038
Ion Ratio Lower Upper
42 100
74 146.3 107.3 160.9
44 7.6 6.1 9.1





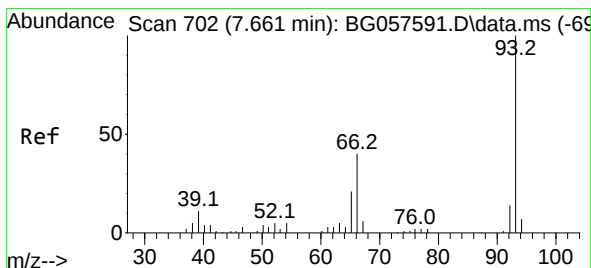
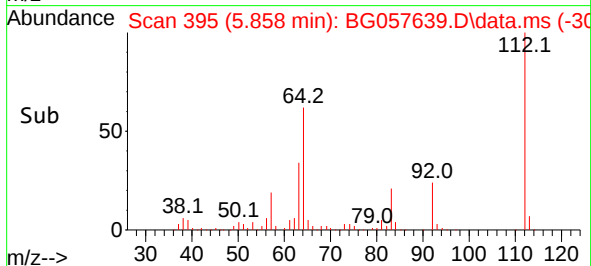
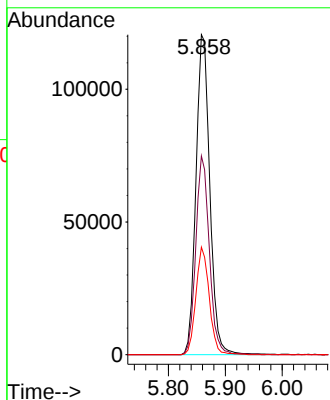
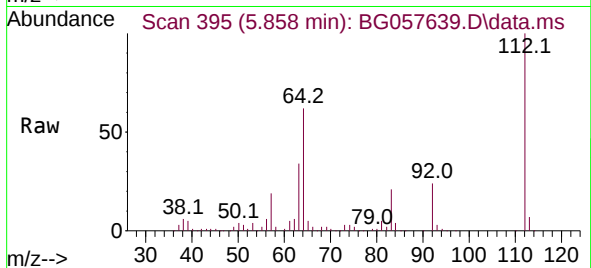
#5
2-Fluorophenol
Concen: 160.624 ng
RT: 5.858 min Scan# 396
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Instrument :
BNA_G
ClientSampleId :
PB153188BSD

Tgt Ion:112 Resp: 205058
Ion Ratio Lower Upper
112 100
64 62.1 47.8 71.6
63 33.6 27.8 41.8

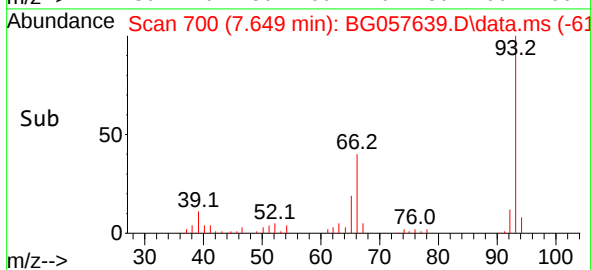
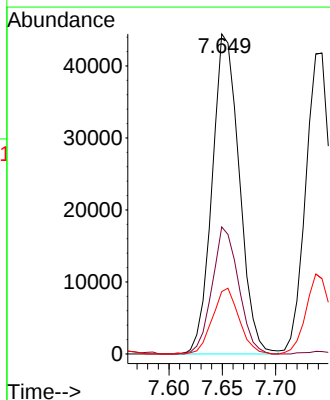
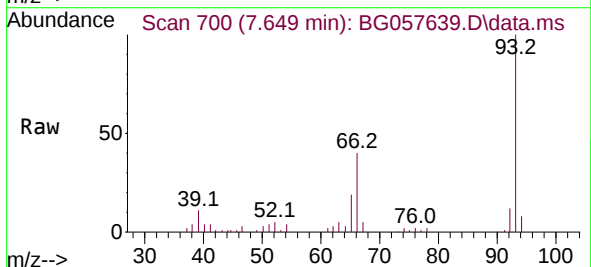
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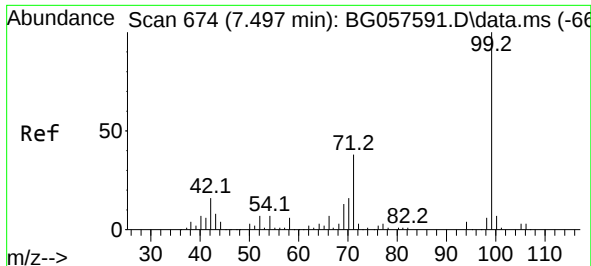
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#6
Aniline
Concen: 32.611 ng
RT: 7.649 min Scan# 700
Delta R.T. -0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Tgt Ion: 93 Resp: 78821
Ion Ratio Lower Upper
93 100
66 39.7 32.2 48.4
65 19.5 16.7 25.1





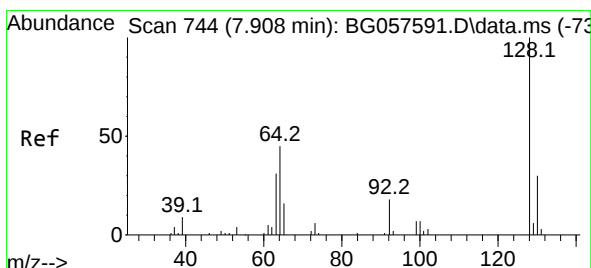
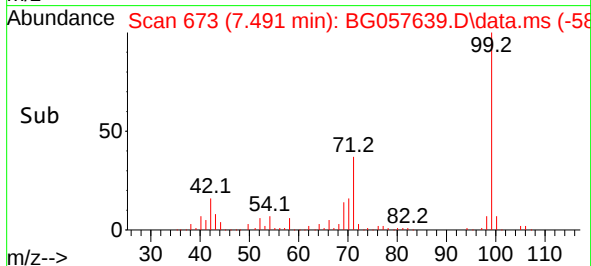
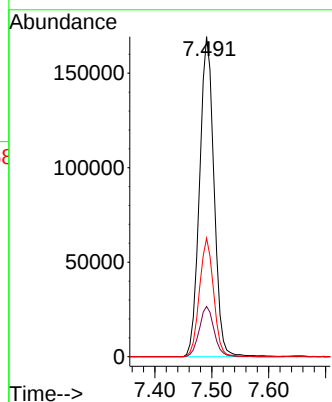
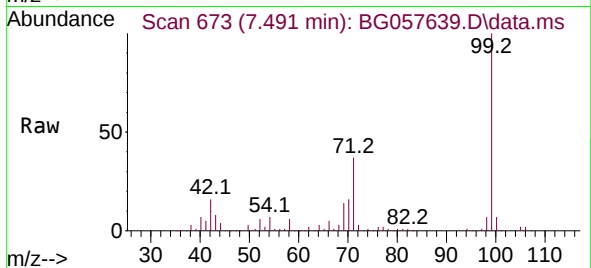
#7
Phenol-d6
Concen: 149.805 ng
RT: 7.491 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Instrument :
BNA_G
ClientSampleId :
PB153188BSD

Tgt Ion: 99 Resp: 29929
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 37.0 30.3 45.5

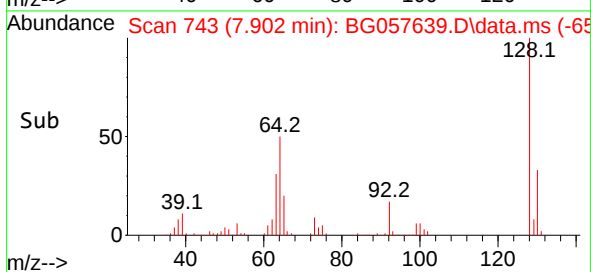
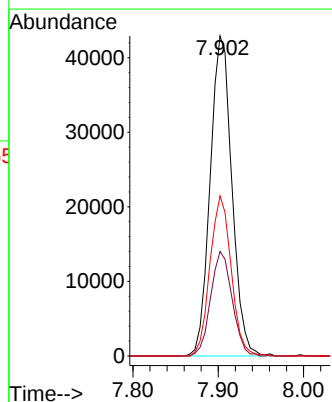
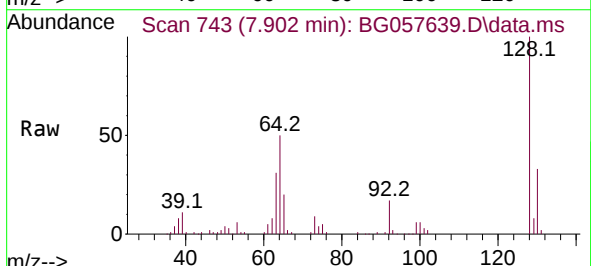
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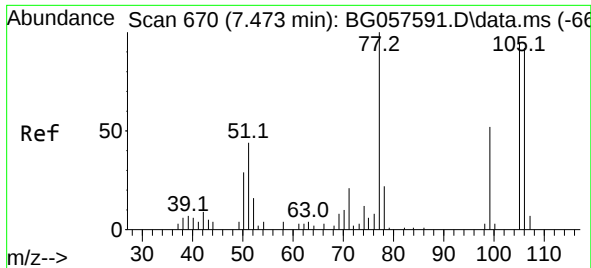
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#8
2-Chlorophenol
Concen: 55.369 ng
RT: 7.902 min Scan# 743
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Tgt Ion:128 Resp: 75887
Ion Ratio Lower Upper
128 100
130 32.6 10.5 50.5
64 50.0 33.8 73.8





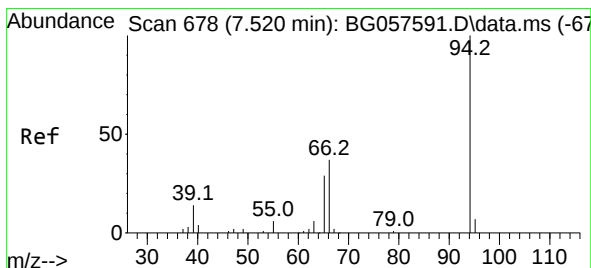
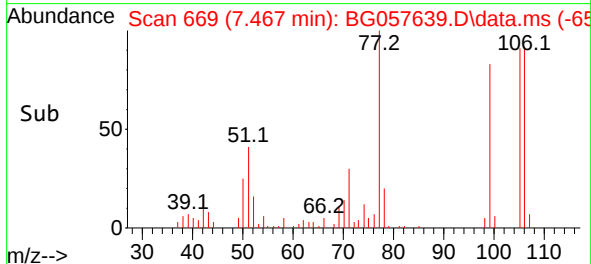
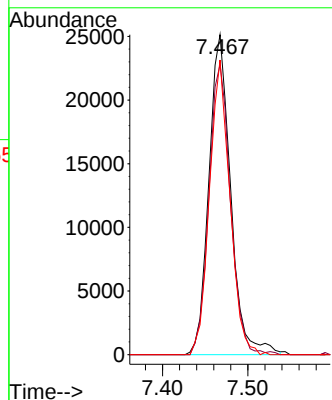
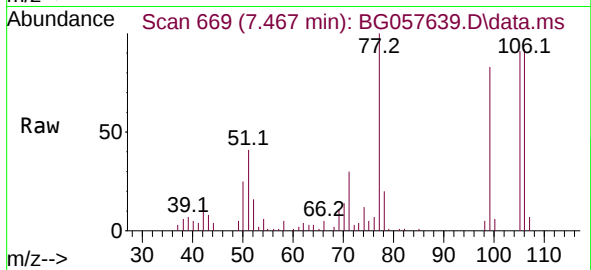
#9
Benzaldehyde
Concen: 33.681 ng
RT: 7.467 min Scan# 669
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Instrument :
BNA_G
ClientSampleId :
PB153188BSD

Tgt Ion: 77 Resp: 44584
Ion Ratio Lower Upper
77 100
105 90.7 75.0 115.0
106 92.1 72.5 112.5

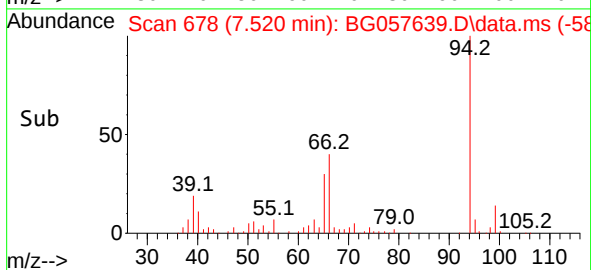
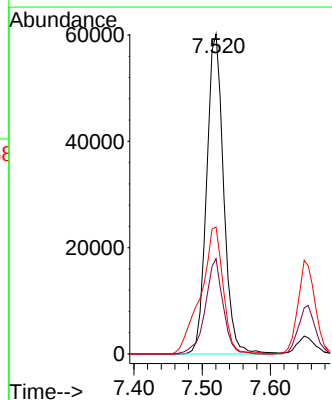
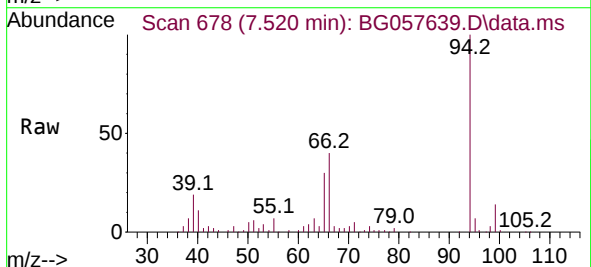
Manual Integrations
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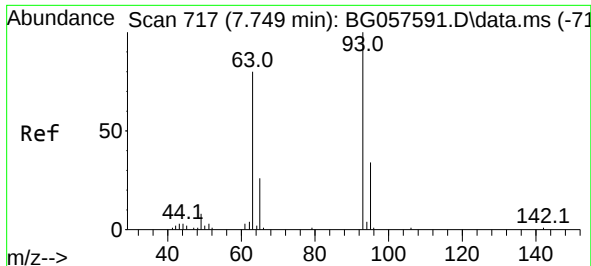
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#10
Phenol
Concen: 55.043 ng
RT: 7.520 min Scan# 678
Delta R.T. 0.009 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

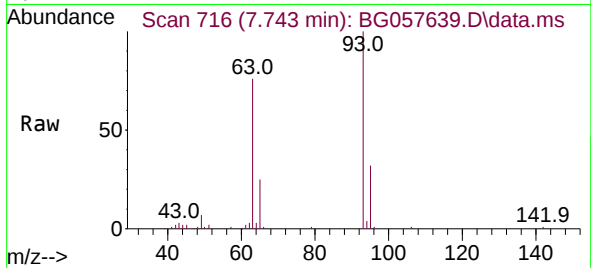
Tgt Ion: 94 Resp: 104086
Ion Ratio Lower Upper
94 100
65 29.8 9.6 49.6
66 39.7 22.0 62.0





#11
bis(2-Chloroethyl)ether
Concen: 49.047 ng
RT: 7.743 min Scan# 716
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

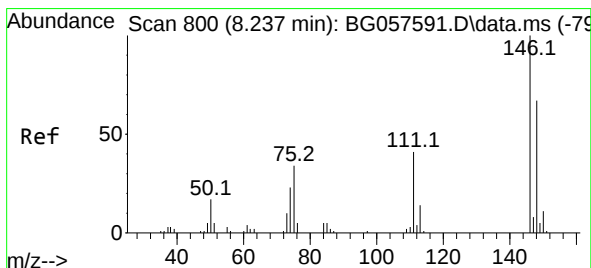
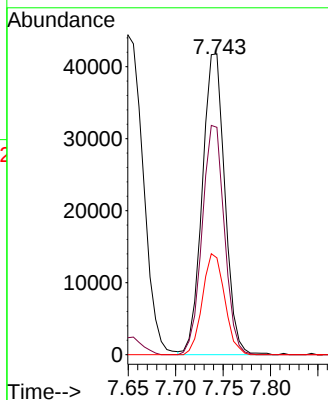
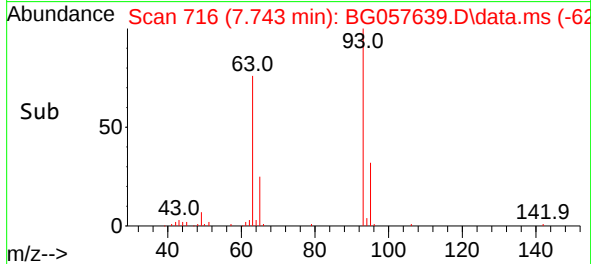
Instrument :
BNA_G
ClientSampleId :
PB153188BSD



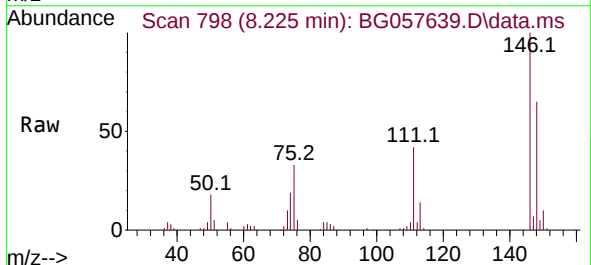
Tgt Ion: 93 Resp: 6925
Ion Ratio Lower Upper
93 100
63 75.6 59.3 99.3
95 32.2 14.1 54.1

Manual Integrations
APPROVED

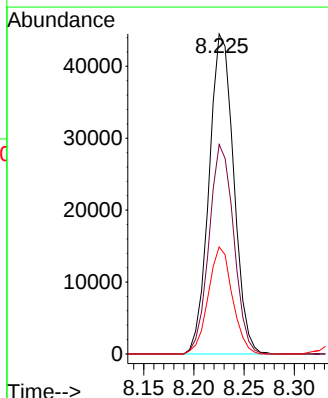
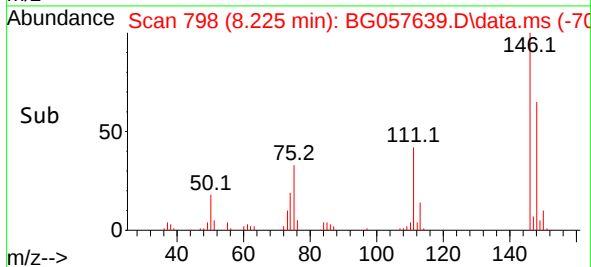
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

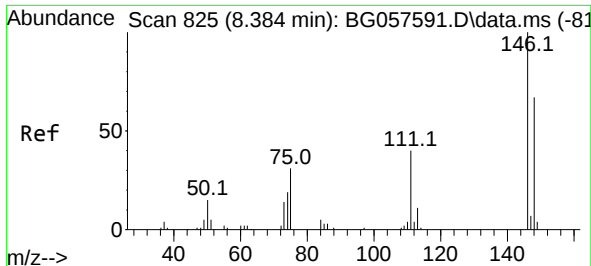


#12
1,3-Dichlorobenzene
Concen: 52.049 ng
RT: 8.225 min Scan# 798
Delta R.T. -0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05



Tgt Ion:146 Resp: 75999
Ion Ratio Lower Upper
146 100
148 65.5 53.4 80.0
75 33.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 51.121 ng

RT: 8.372 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG057639.D

Acq: 6 Jun 2023 16:05

Instrument :

BNA_G

ClientSampleId :

PB153188BSD

Tgt Ion:146 Resp: 75940

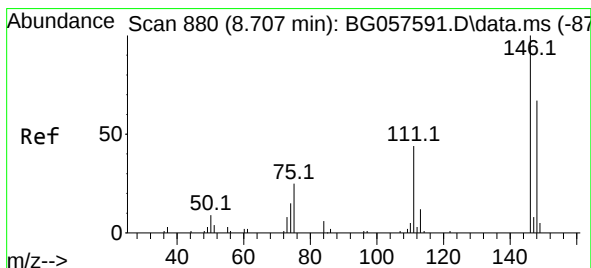
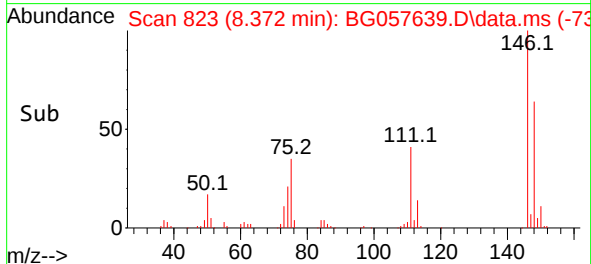
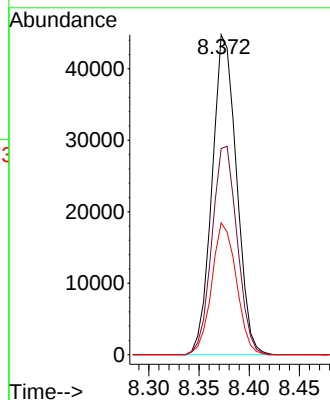
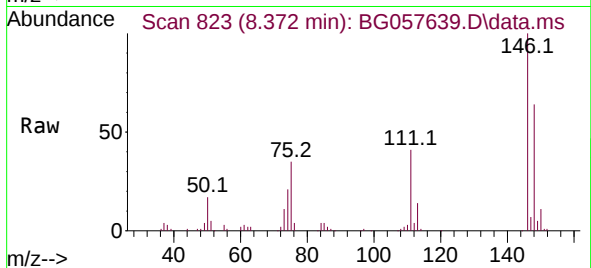
Ion	Ratio	Lower	Upper
146	100		
148	64.4	53.8	80.6
111	41.2	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#14

1,2-Dichlorobenzene

Concen: 51.940 ng

RT: 8.701 min Scan# 879

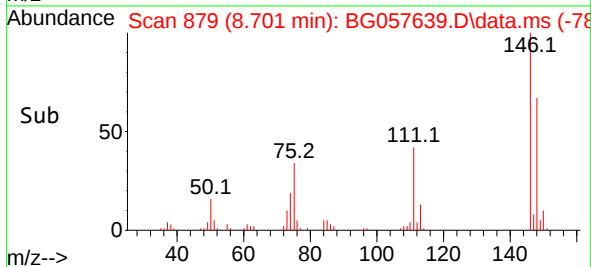
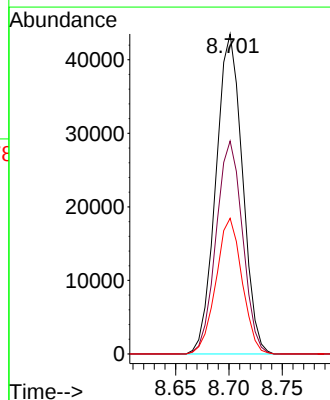
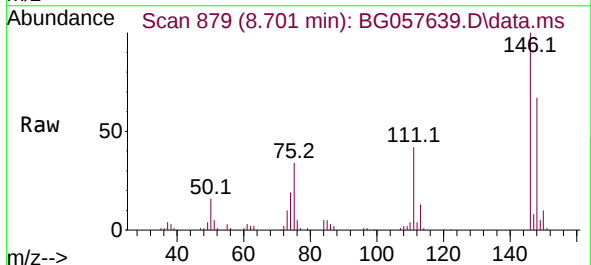
Delta R.T. 0.003 min

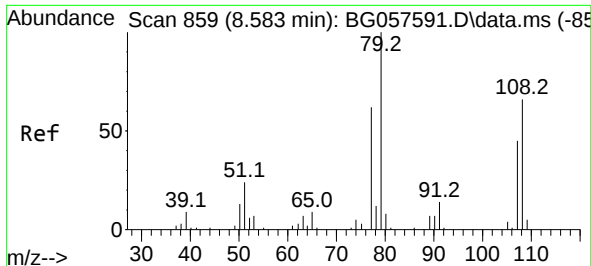
Lab File: BG057639.D

Acq: 6 Jun 2023 16:05

Tgt Ion:146 Resp: 75258

Ion	Ratio	Lower	Upper
146	100		
148	66.6	53.5	80.3
111	42.4	36.6	54.8





#15
Benzyl Alcohol
Concen: 49.522 ng
RT: 8.578 min Scan# 859
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Instrument :

BNA_G

ClientSampleId :

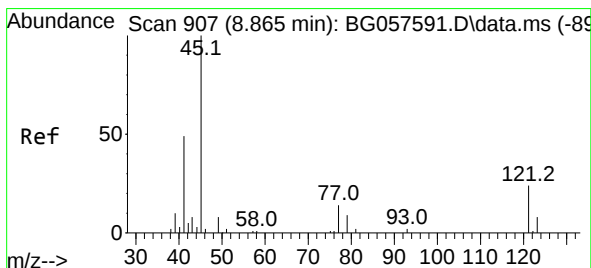
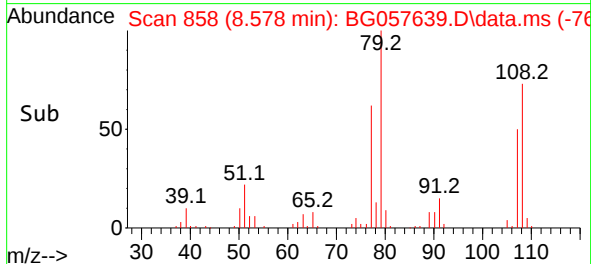
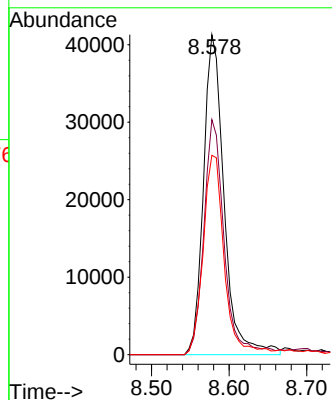
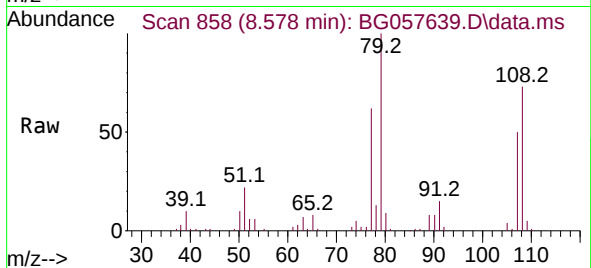
PB153188BSD

Tgt Ion: 79 Resp: 76109
Ion Ratio Lower Upper
79 100
108 73.4 52.6 78.8
77 62.3 49.7 74.5

Manual Integrations

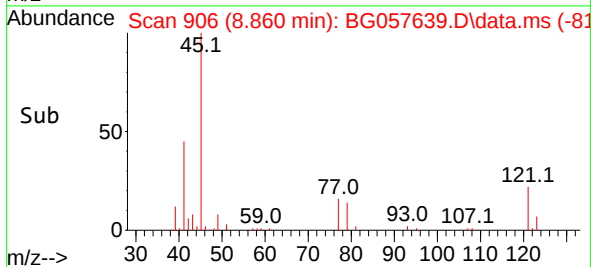
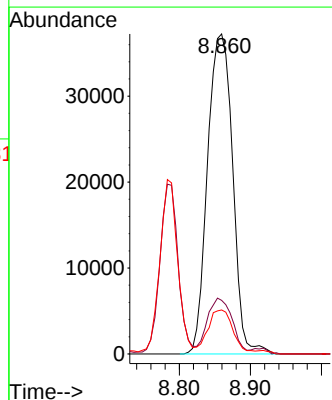
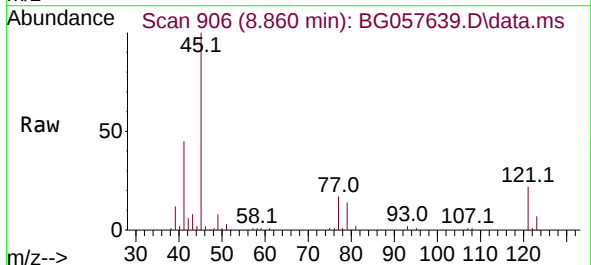
APPROVED

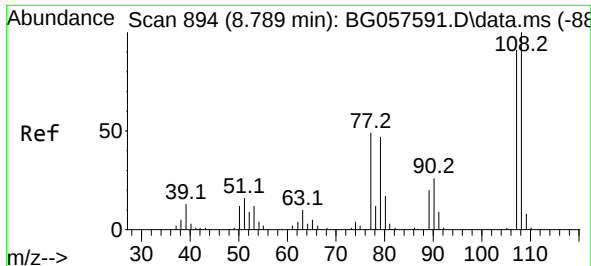
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.203 ng
RT: 8.860 min Scan# 906
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Tgt Ion: 45 Resp: 91527
Ion Ratio Lower Upper
45 100
77 16.8 0.0 39.2
79 13.7 0.0 34.2





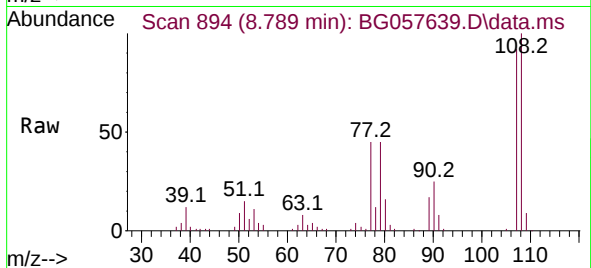
#17
2-Methylphenol
Concen: 51.015 ng
RT: 8.789 min Scan# 894
Delta R.T. 0.009 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Instrument :

BNA_G

ClientSampleId :

PB153188BSD

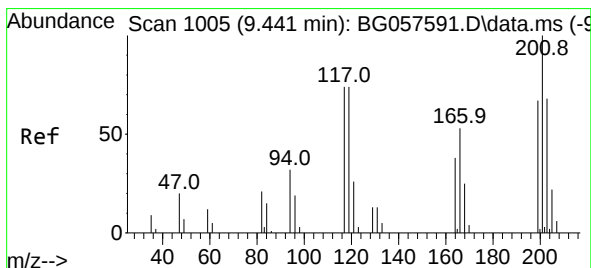
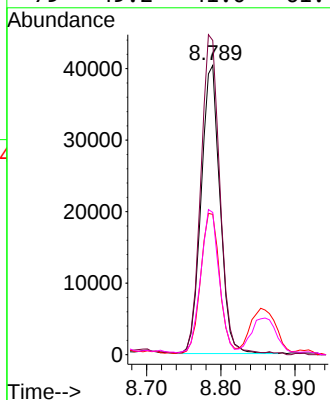
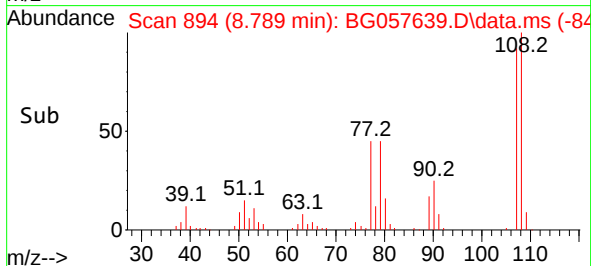


Tgt Ion:107 Resp: 7084
Ion Ratio Lower Upper
107 100
108 108.6 87.7 131.5
77 48.5 43.0 64.6
79 49.2 41.0 61.4

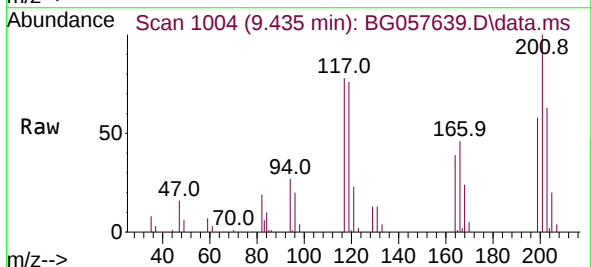
Manual Integrations

APPROVED

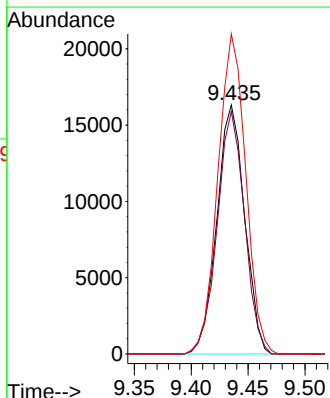
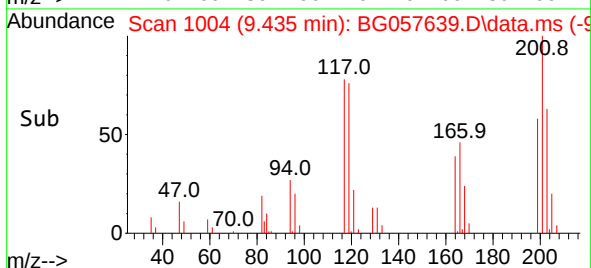
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

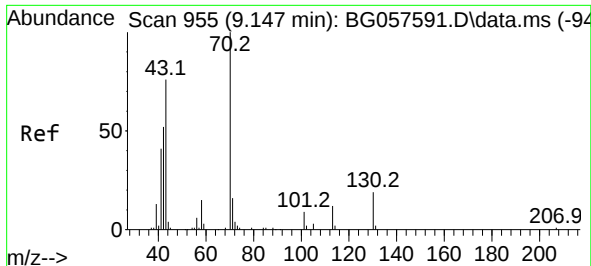


#18
Hexachloroethane
Concen: 54.507 ng
RT: 9.435 min Scan# 1004
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05



Tgt Ion:117 Resp: 27725
Ion Ratio Lower Upper
117 100
119 97.4 80.6 121.0
201 128.5 108.8 163.2





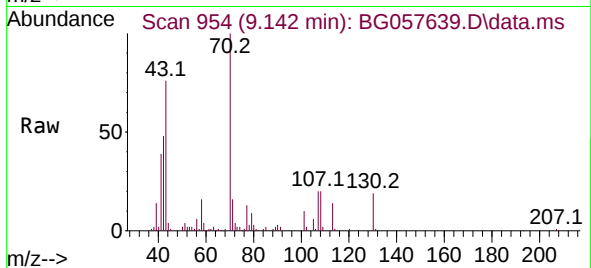
#19
n-Nitroso-di-n-propylamine
Concen: 47.468 ng
RT: 9.142 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Instrument :

BNA_G

ClientSampleId :

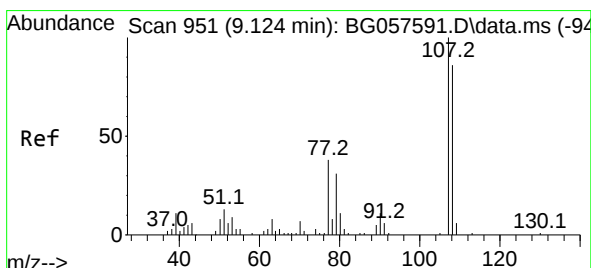
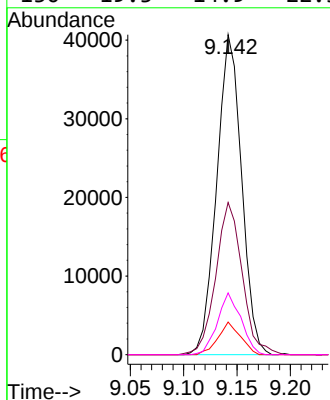
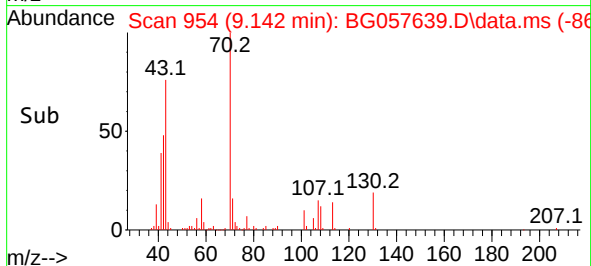
PB153188BSD



Tgt Ion: 70 Resp: 6588
Ion Ratio Lower Upper
70 100
42 47.6 41.4 62.0
101 10.2 6.9 10.3
130 19.3 14.9 22.3

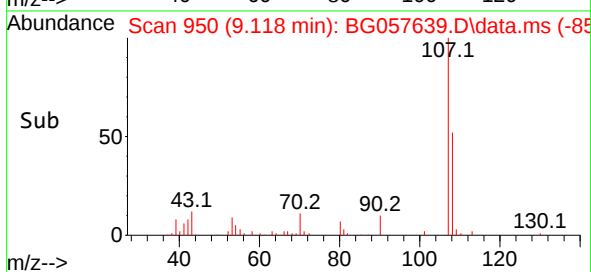
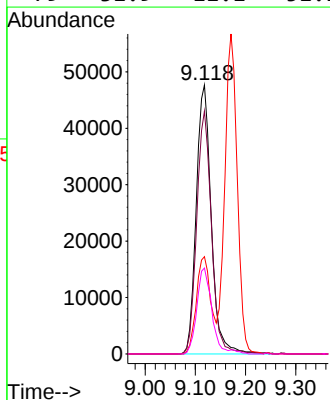
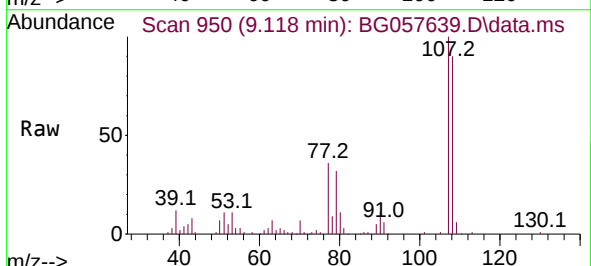
Manual Integrations
APPROVED

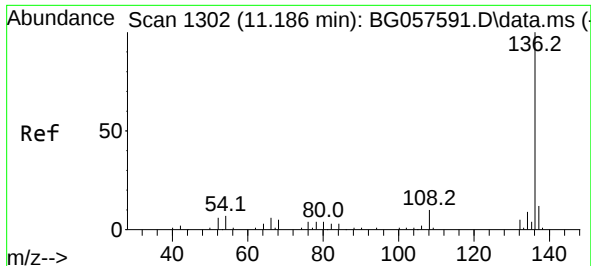
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#20
3+4-Methylphenols
Concen: 50.731 ng
RT: 9.118 min Scan# 950
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Tgt Ion:107 Resp: 98894
Ion Ratio Lower Upper
107 100
108 90.3 65.6 105.6
77 36.2 18.0 58.0
79 31.9 11.1 51.1





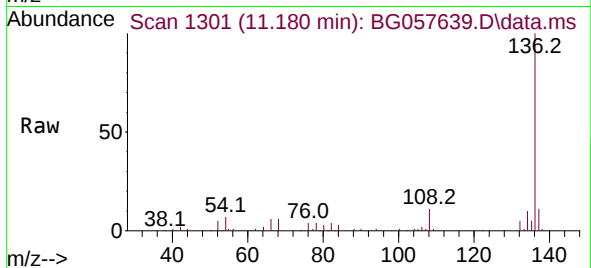
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.180 min Scan# 1118
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Instrument :

BNA_G

ClientSampleId :

PB153188BSD

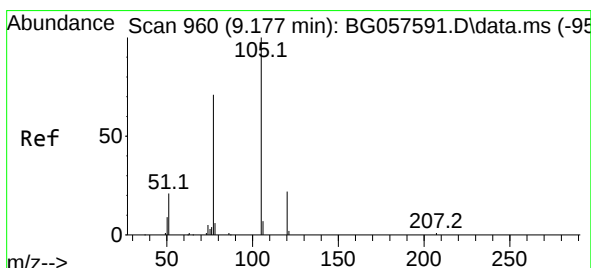
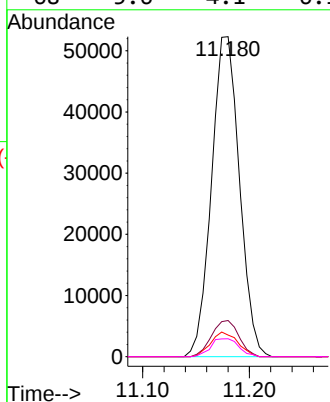
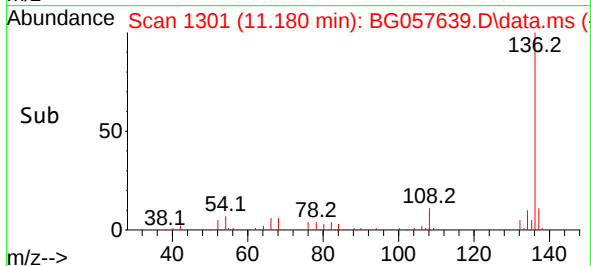


Tgt Ion:136 Resp: 95179
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.8
54 6.8 5.8 8.6
68 5.6 4.1 6.1

Manual Integrations

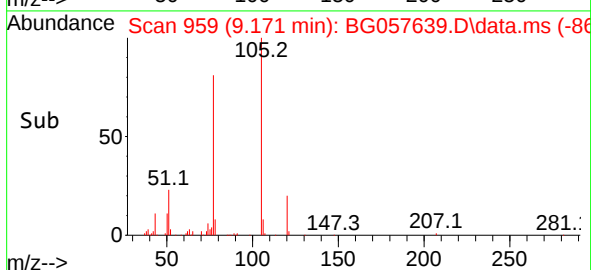
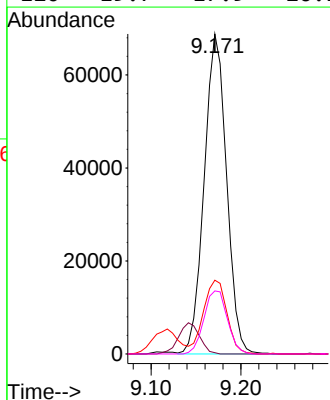
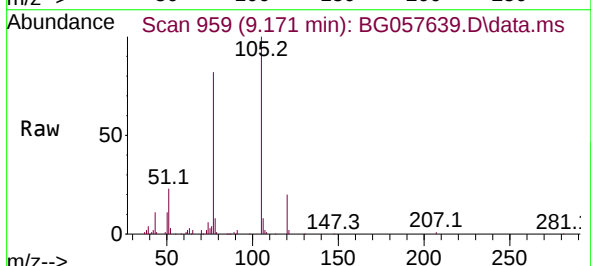
APPROVED

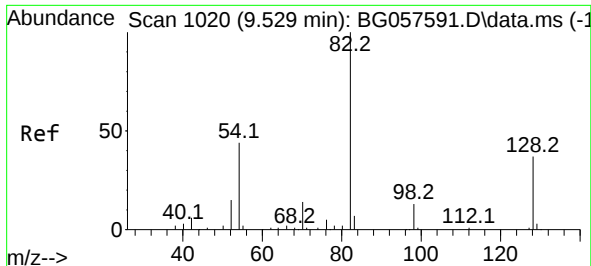
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#22
Acetophenone
Concen: 46.752 ng
RT: 9.171 min Scan# 959
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Tgt Ion:105 Resp: 118982
Ion Ratio Lower Upper
105 100
71 0.4 0.0 0.0#
51 23.1 20.7 31.1
120 19.7 17.9 26.9





#23
Nitrobenzene-d5
Concen: 91.072 ng
RT: 9.523 min Scan# 1019
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Instrument :

BNA_G

ClientSampleId :

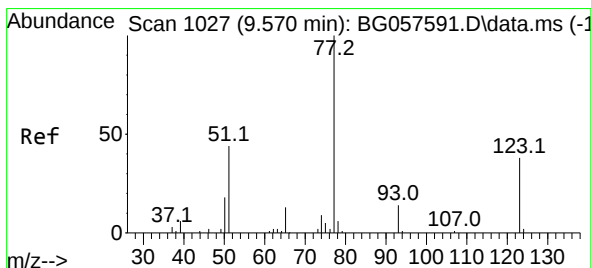
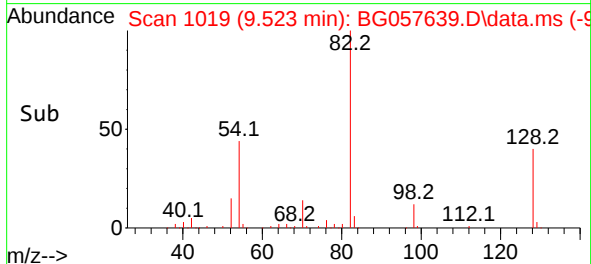
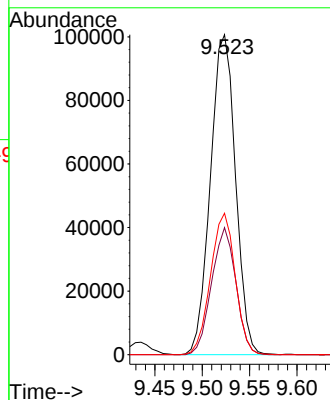
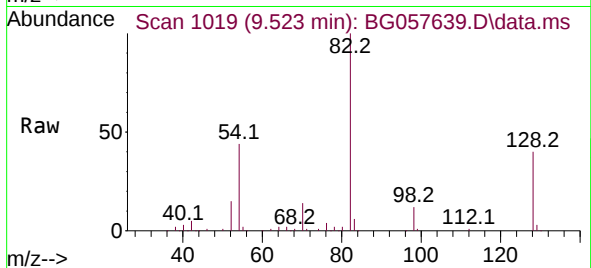
PB153188BSD

Tgt Ion: 82 Resp: 18542
Ion Ratio Lower Upper
82 100
128 39.7 30.0 45.0
54 44.2 35.2 52.8

Manual Integrations

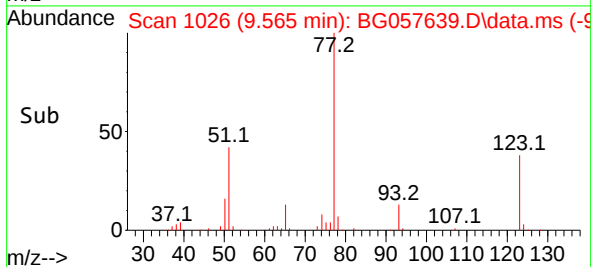
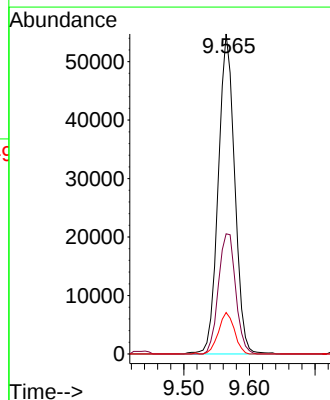
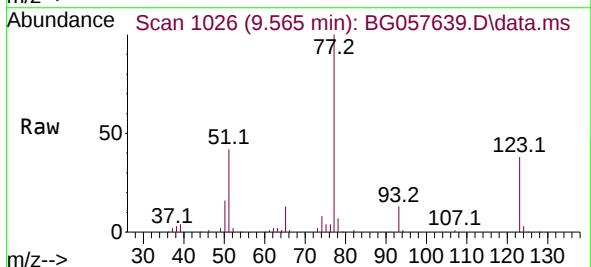
APPROVED

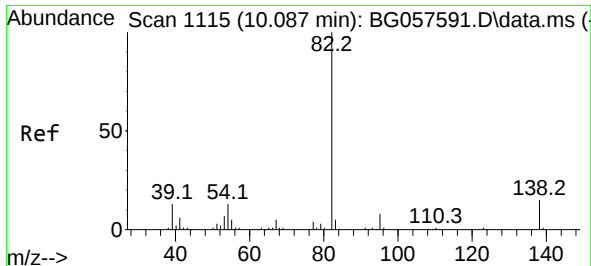
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#24
Nitrobenzene
Concen: 45.819 ng
RT: 9.565 min Scan# 1026
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

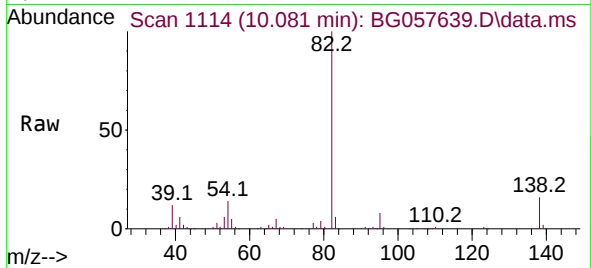
Tgt Ion: 77 Resp: 94693
Ion Ratio Lower Upper
77 100
123 37.5 30.6 46.0
65 13.0 10.2 15.4





#25
Isophorone
Concen: 45.591 ng
RT: 10.081 min Scan# 1114
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

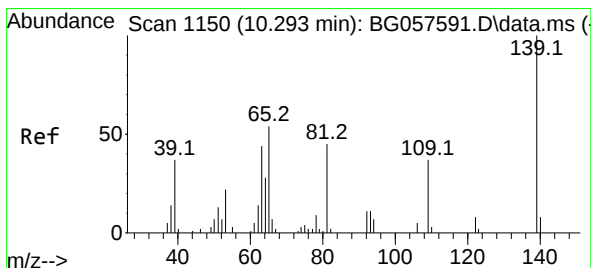
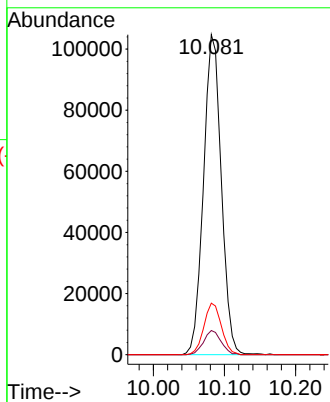
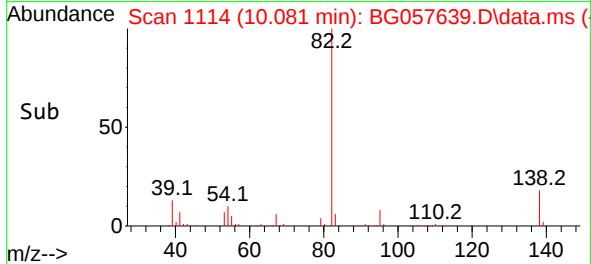
Instrument :
BNA_G
ClientSampleId :
PB153188BSD



Tgt Ion: 82 Resp: 182448
Ion Ratio Lower Upper
82 100
95 7.6 6.3 9.5
138 16.1 12.0 18.0

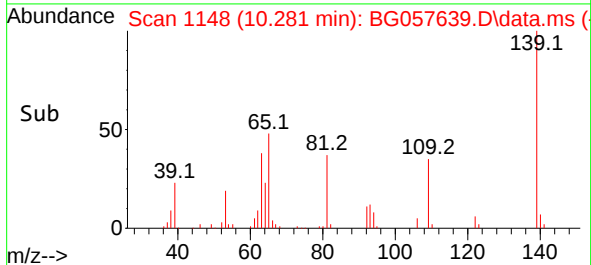
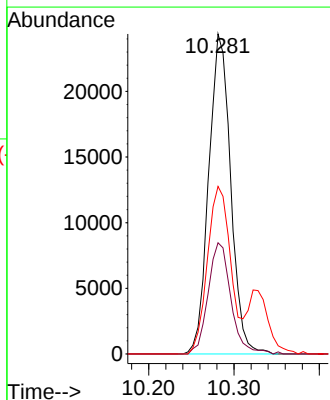
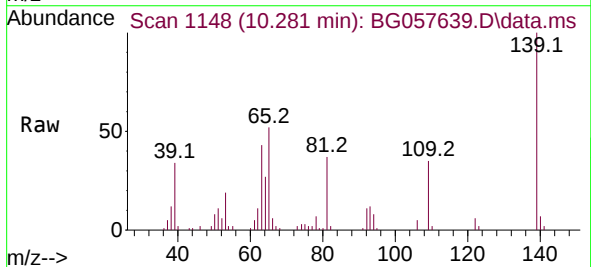
Manual Integrations
APPROVED

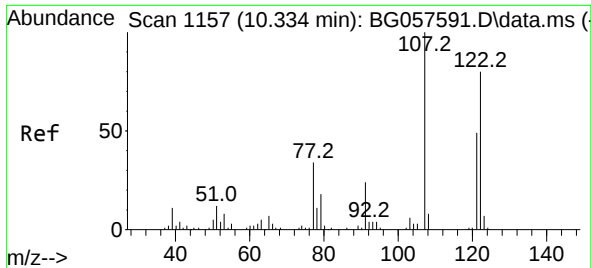
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#26
2-Nitrophenol
Concen: 49.205 ng
RT: 10.281 min Scan# 1148
Delta R.T. -0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

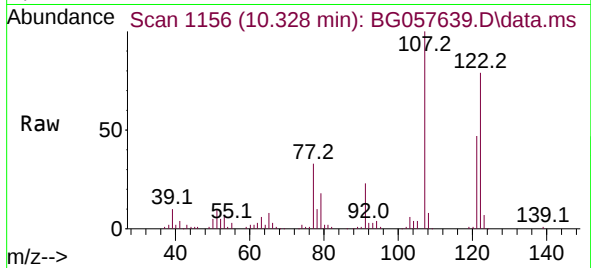
Tgt Ion:139 Resp: 43602
Ion Ratio Lower Upper
139 100
109 34.7 29.5 44.3
65 52.4 43.0 64.6





#27
2,4-Dimethylphenol
Concen: 53.499 ng
RT: 10.328 min Scan# 1156
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

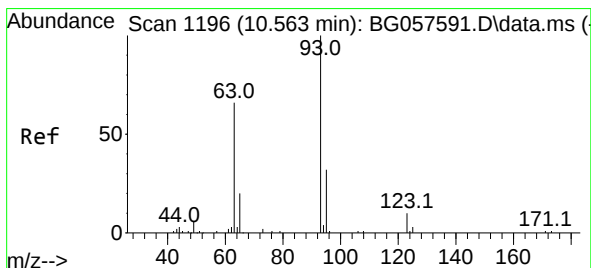
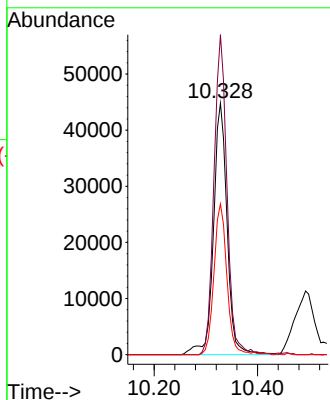
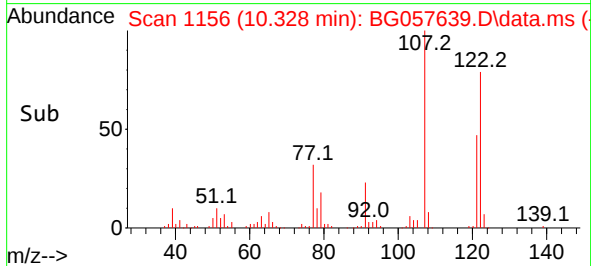
Instrument :
BNA_G
ClientSampleId :
PB153188BSD



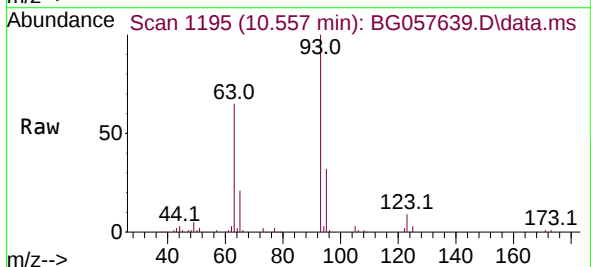
Tgt Ion:122 Resp: 81962
Ion Ratio Lower Upper
122 100
107 127.2 99.4 149.2
121 59.9 48.4 72.6

Manual Integrations
APPROVED

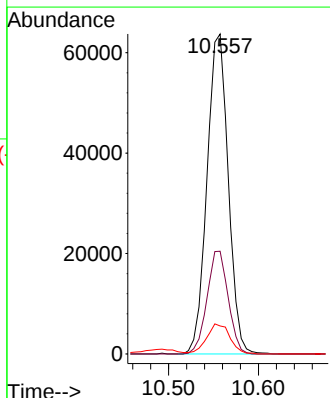
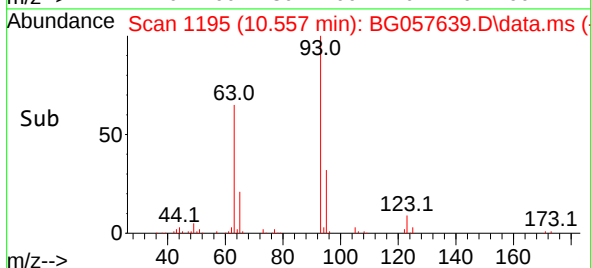
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

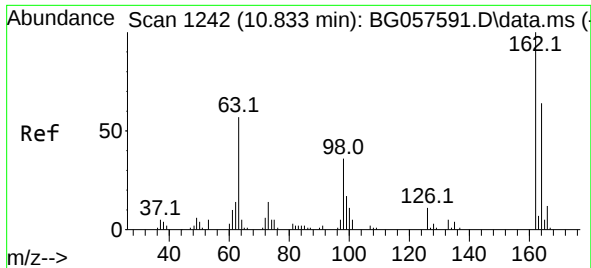


#28
bis(2-Chloroethoxy)methane
Concen: 50.454 ng
RT: 10.557 min Scan# 1195
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05



Tgt Ion: 93 Resp: 104698
Ion Ratio Lower Upper
93 100
95 32.1 25.3 37.9
123 8.8 8.2 12.4





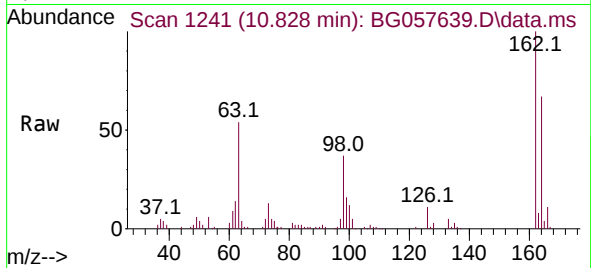
#29
2,4-Dichlorophenol
Concen: 52.919 ng
RT: 10.828 min Scan# 1241
Delta R.T. -0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Instrument :

BNA_G

ClientSampleId :

PB153188BSD

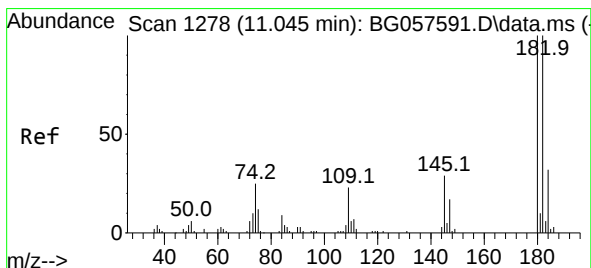
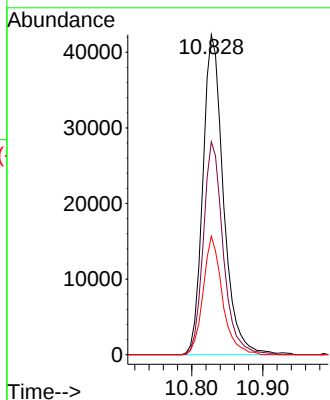
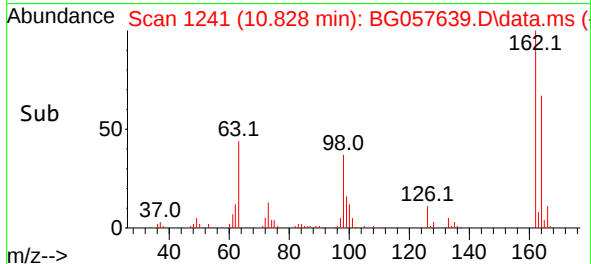


Tgt Ion:162 Resp: 85150
Ion Ratio Lower Upper
162 100
164 66.6 44.1 84.1
98 37.0 16.3 56.3

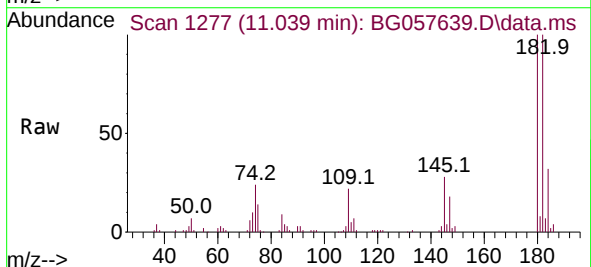
Manual Integrations

APPROVED

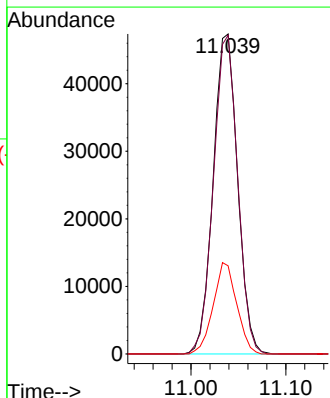
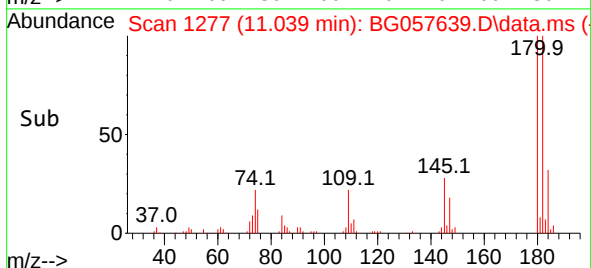
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

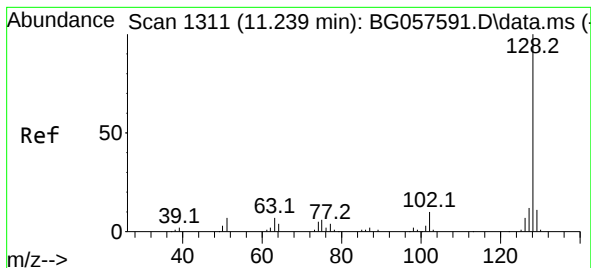


#30
1,2,4-Trichlorobenzene
Concen: 48.323 ng
RT: 11.039 min Scan# 1277
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05



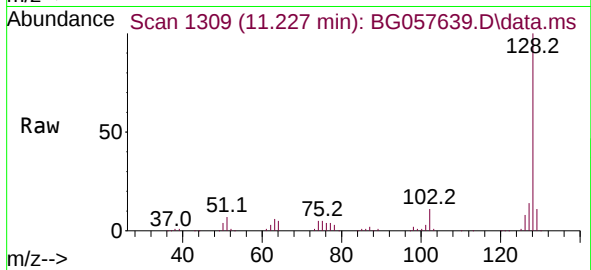
Tgt Ion:180 Resp: 84743
Ion Ratio Lower Upper
180 100
182 99.6 80.2 120.2
145 27.6 23.1 34.7





#31
Naphthalene
Concen: 46.034 ng
RT: 11.227 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

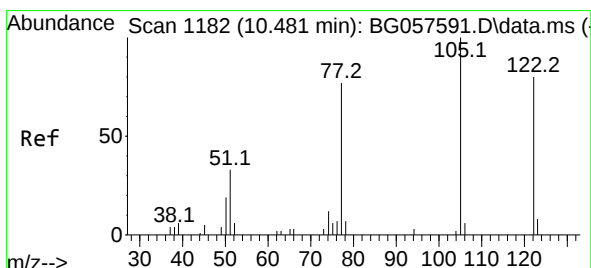
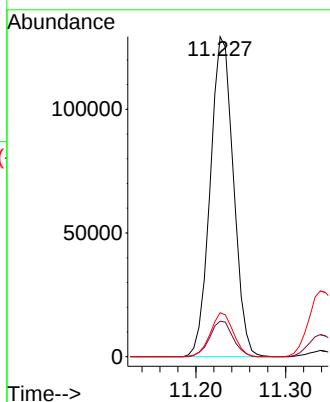
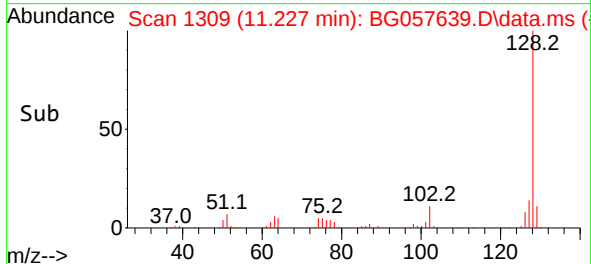
Instrument :
BNA_G
ClientSampleId :
PB153188BSD



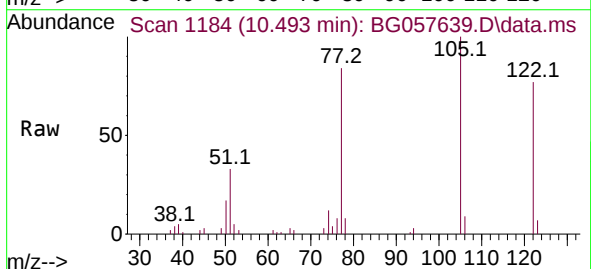
Tgt Ion:128 Resp: 231769
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.7 9.8 14.8

Manual Integrations
APPROVED

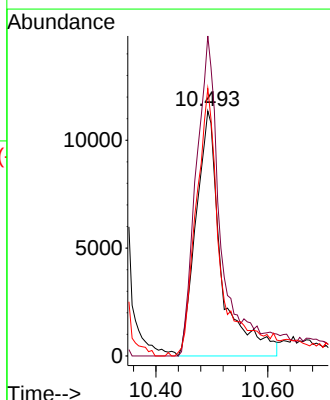
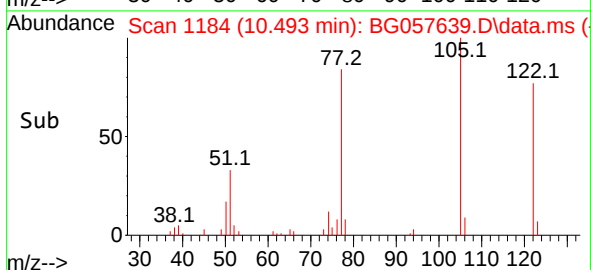
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

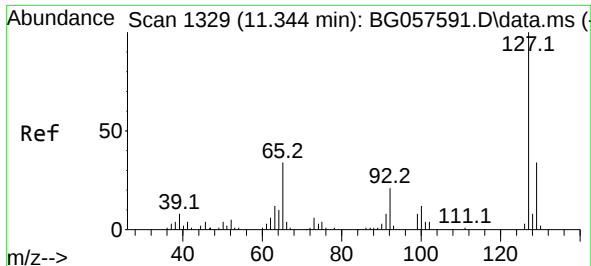


#32
Benzoic acid
Concen: 41.026 ng m
RT: 10.493 min Scan# 1184
Delta R.T. 0.015 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05



Tgt Ion:122 Resp: 35645
Ion Ratio Lower Upper
122 100
105 130.6 104.8 144.8
77 109.2 75.8 115.8





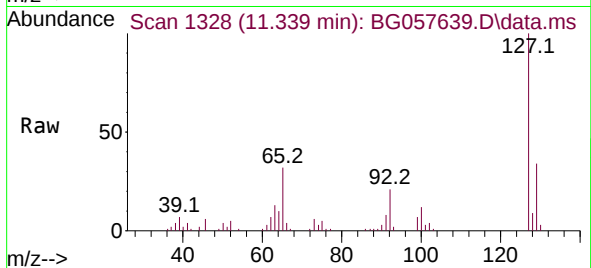
#33
4-Chloroaniline
Concen: 27.433 ng
RT: 11.339 min Scan# 11339
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Instrument :

BNA_G

ClientSampleId :

PB153188BSD

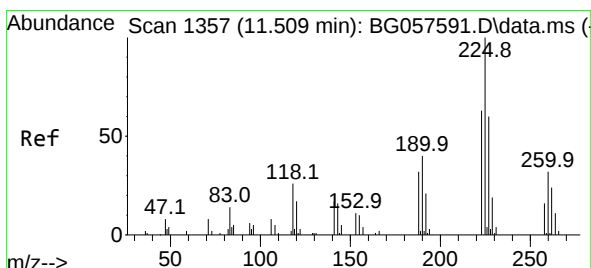
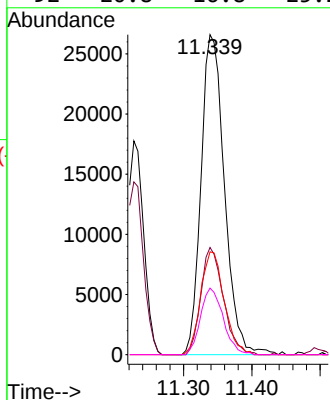
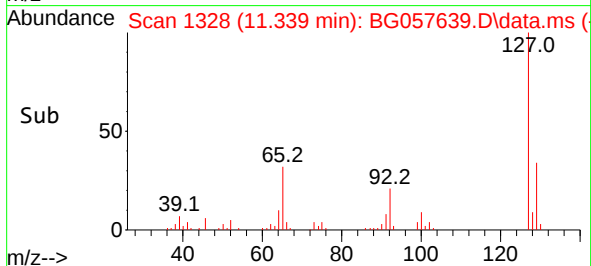


Tgt Ion:127 Resp: 63510
Ion Ratio Lower Upper
127 100
129 33.5 26.9 40.3
65 32.2 27.3 40.9
92 20.8 16.8 25.2

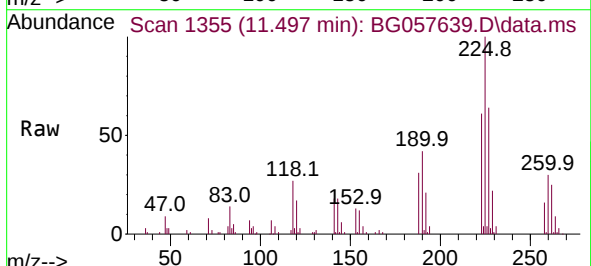
Manual Integrations

APPROVED

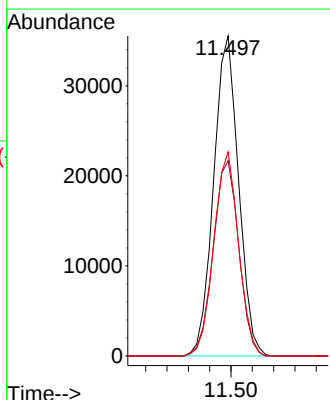
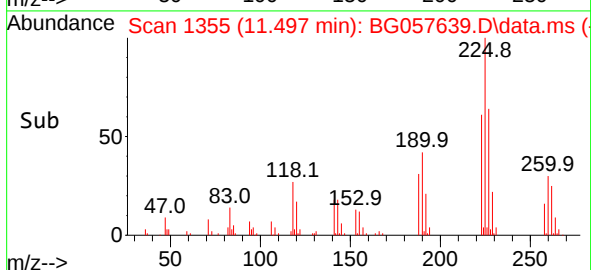
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

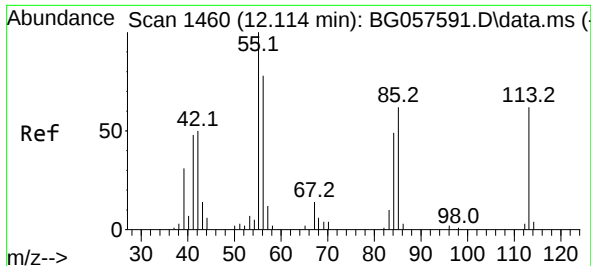


#34
Hexachlorobutadiene
Concen: 47.449 ng
RT: 11.497 min Scan# 1355
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05



Tgt Ion:225 Resp: 57553
Ion Ratio Lower Upper
225 100
223 61.0 50.1 75.1
227 63.8 47.9 71.9





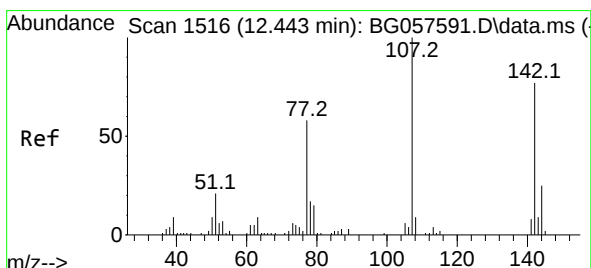
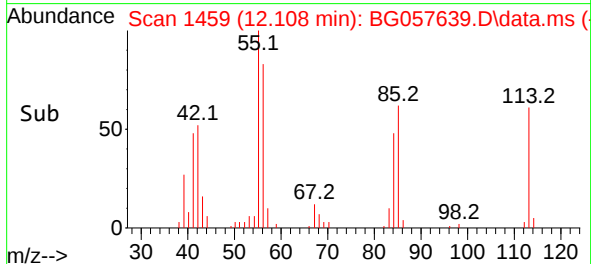
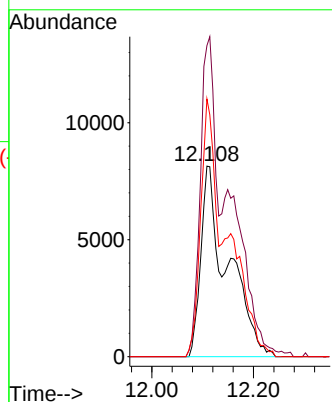
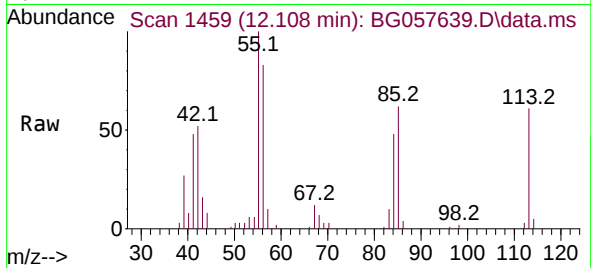
#35
Caprolactam
Concen: 44.670 ng m
RT: 12.108 min Scan# 1460
Delta R.T. -0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Instrument :
BNA_G
ClientSampleId :
PB153188BSD

Tgt Ion:113 Resp: 2979
Ion Ratio Lower Upper
113 100
55 163.3 140.9 180.9
56 135.2 105.9 145.9

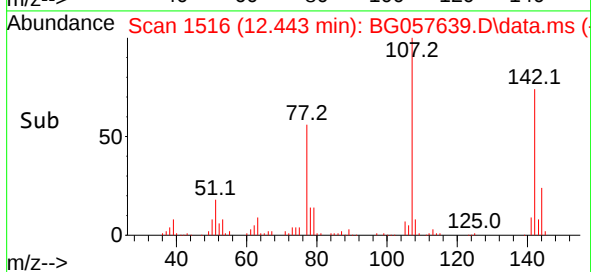
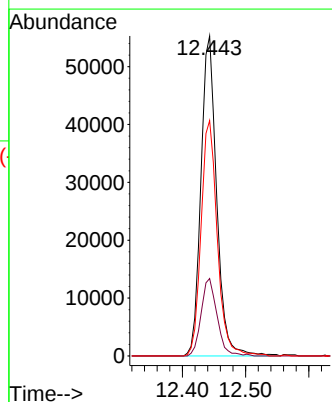
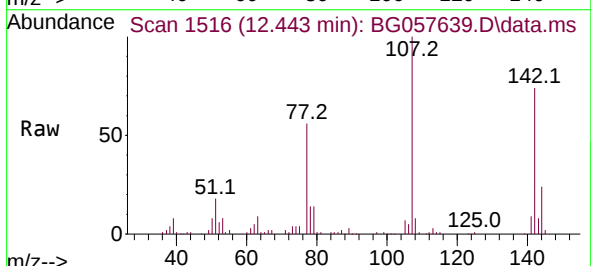
Manual Integrations
APPROVED

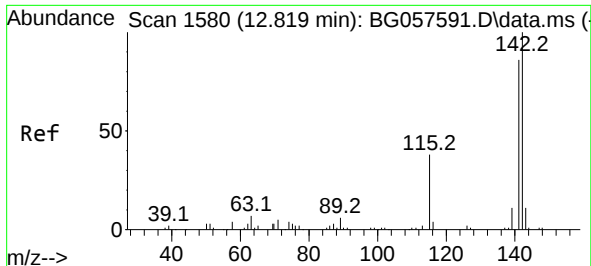
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#36
4-Chloro-3-methylphenol
Concen: 50.345 ng
RT: 12.443 min Scan# 1516
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

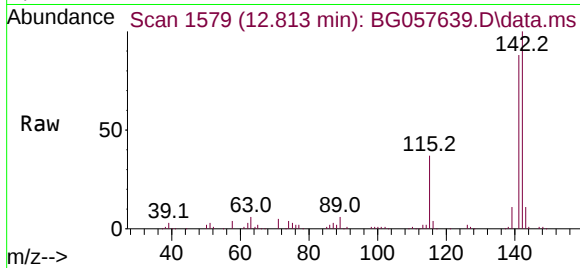
Tgt Ion:107 Resp: 95888
Ion Ratio Lower Upper
107 100
144 24.2 19.7 29.5
142 73.6 61.6 92.4





#37
2-Methylnaphthalene
Concen: 44.818 ng
RT: 12.813 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

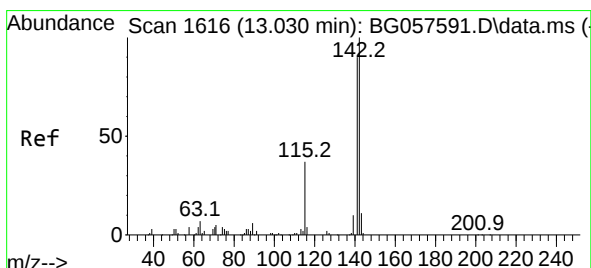
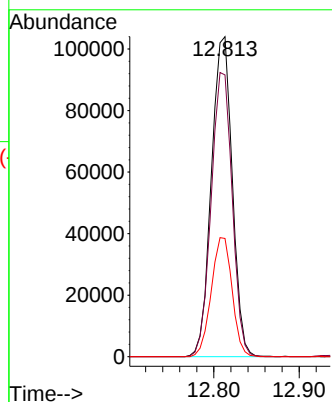
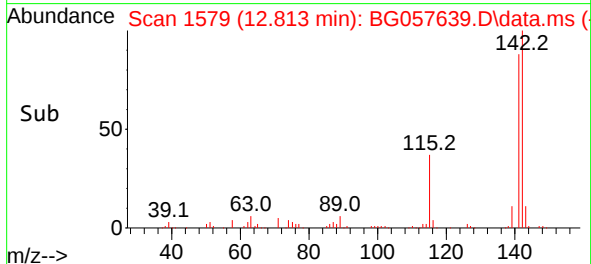
Instrument :
BNA_G
ClientSampleId :
PB153188BSD



Tgt Ion:142 Resp: 177090
Ion Ratio Lower Upper
142 100
141 88.0 68.6 103.0
115 37.0 30.4 45.6

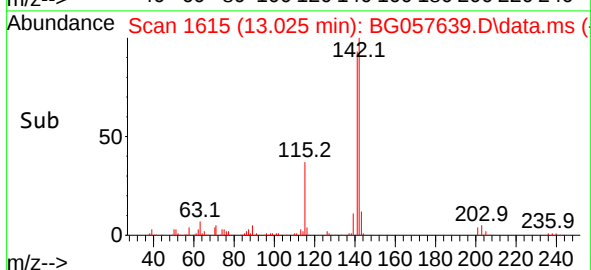
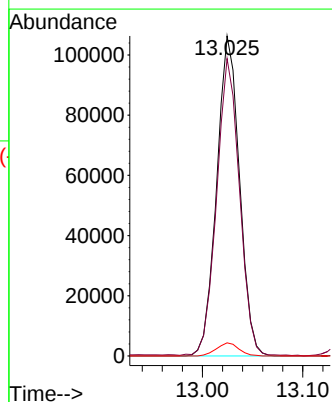
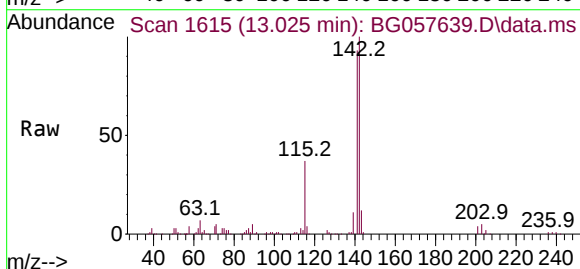
Manual Integrations
APPROVED

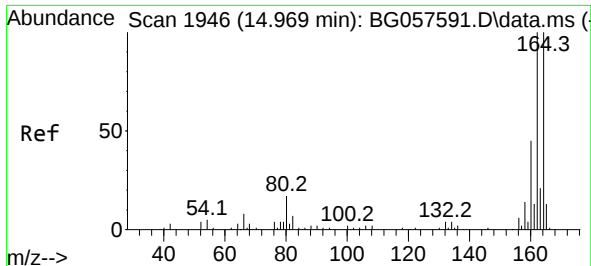
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#38
1-Methylnaphthalene
Concen: 44.462 ng
RT: 13.025 min Scan# 1615
Delta R.T. -0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

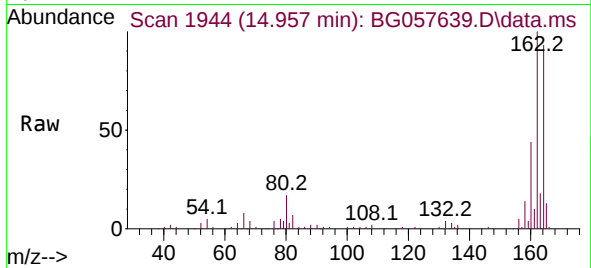
Tgt Ion:142 Resp: 167658
Ion Ratio Lower Upper
142 100
141 92.9 72.1 108.1
116 4.1 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.957 min Scan# 1944
Delta R.T. -0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

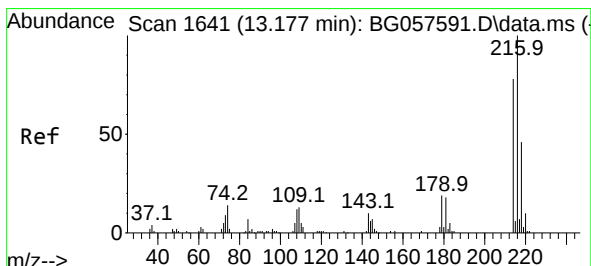
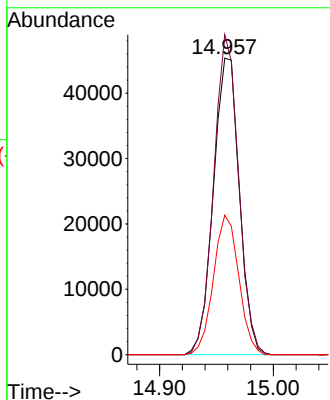
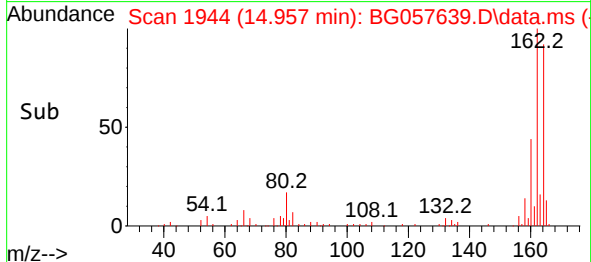
Instrument :
BNA_G
ClientSampleId :
PB153188BSD



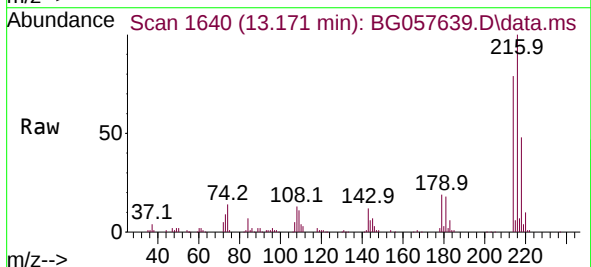
Tgt Ion:164 Resp: 71974
Ion Ratio Lower Upper
164 100
162 107.9 80.1 120.1
160 47.1 35.9 53.9

Manual Integrations
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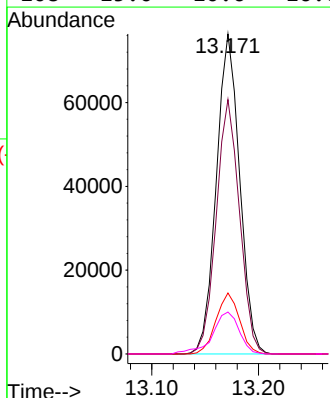
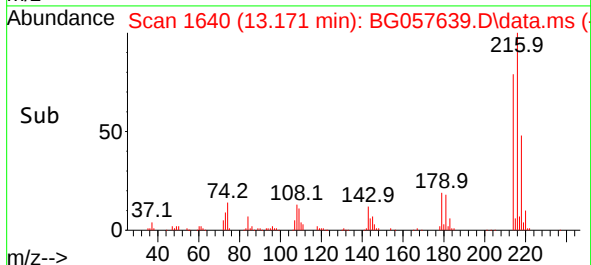
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

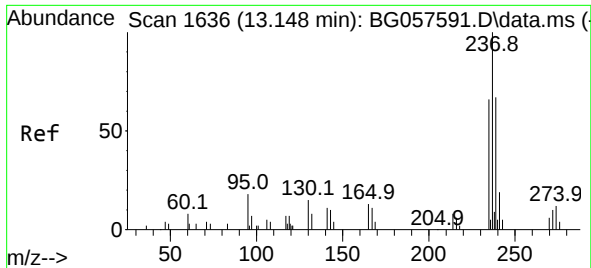


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.045 ng
RT: 13.171 min Scan# 1640
Delta R.T. -0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05



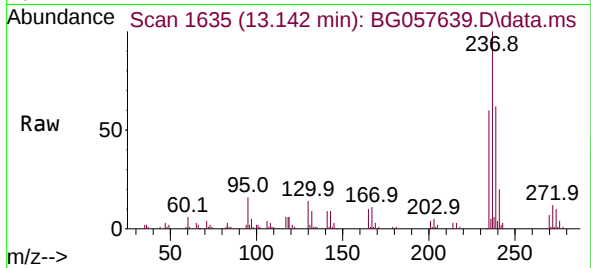
Tgt Ion:216 Resp: 115865
Ion Ratio Lower Upper
216 100
214 79.2 63.0 94.6
179 19.1 15.0 22.6
108 15.0 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 97.536 ng
RT: 13.142 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

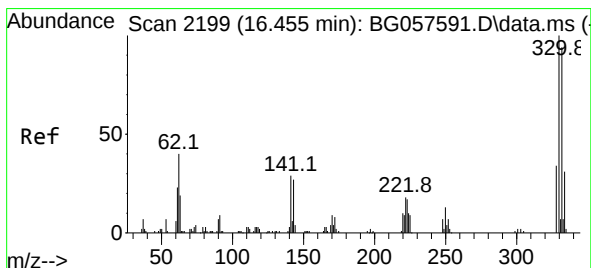
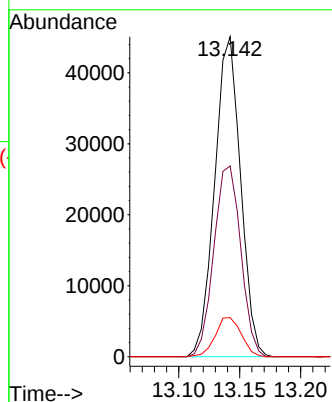
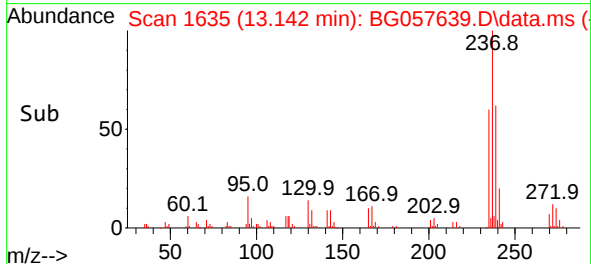
Instrument :
BNA_G
ClientSampleId :
PB153188BSD



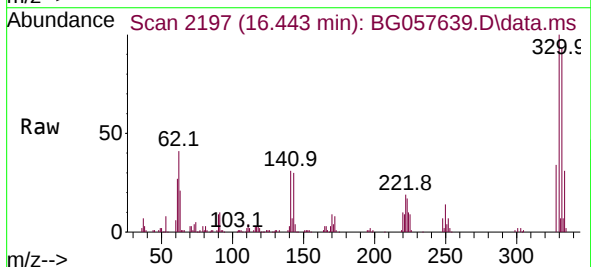
Tgt Ion:237 Resp: 6654
Ion Ratio Lower Upper
237 100
235 59.6 45.7 85.7
272 12.2 0.0 30.1

Manual Integrations
APPROVED

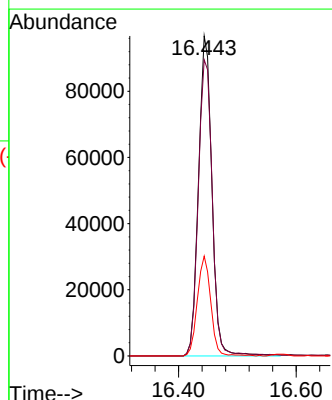
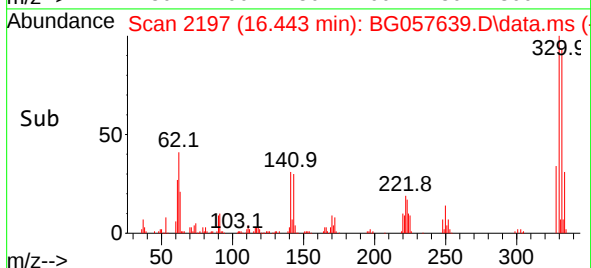
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

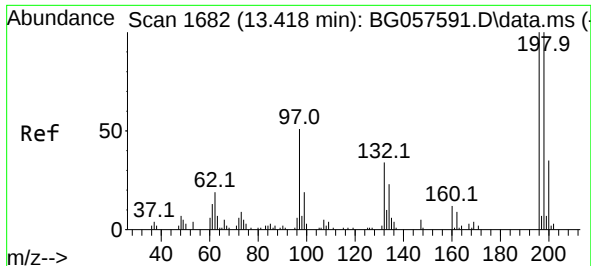


#42
2,4,6-Tribromophenol
Concen: 132.916 ng
RT: 16.443 min Scan# 2197
Delta R.T. -0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05



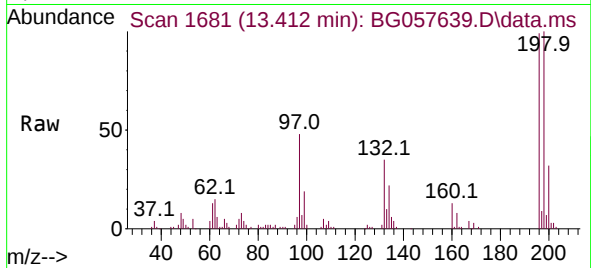
Tgt Ion:330 Resp: 153162
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 31.2 24.6 37.0





#43
2,4,6-Trichlorophenol
Concen: 51.287 ng
RT: 13.412 min Scan# 1682
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

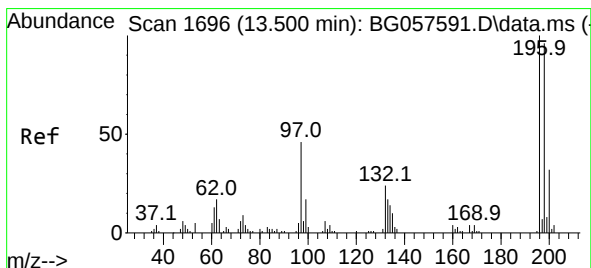
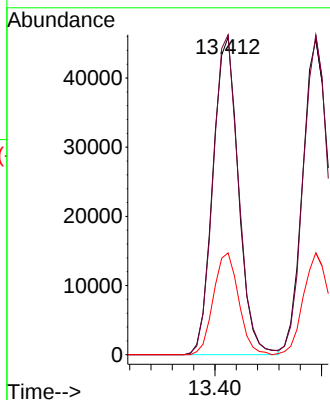
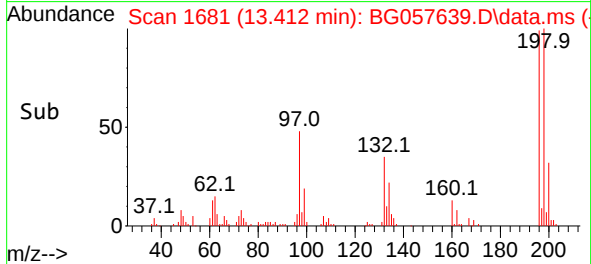
Instrument :
BNA_G
ClientSampleId :
PB153188BSD



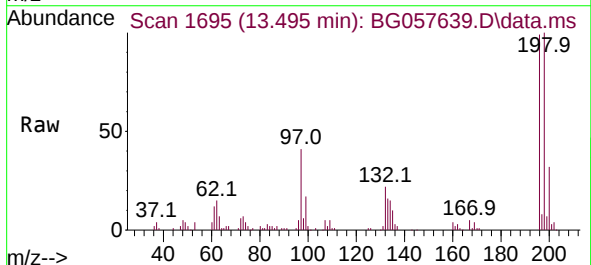
Tgt Ion:196 Resp: 76278
Ion Ratio Lower Upper
196 100
198 100.8 79.6 119.4
200 32.0 28.2 42.2

Manual Integrations
APPROVED

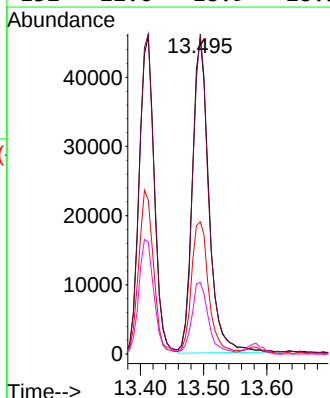
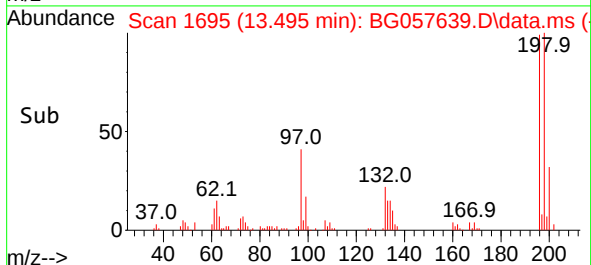
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

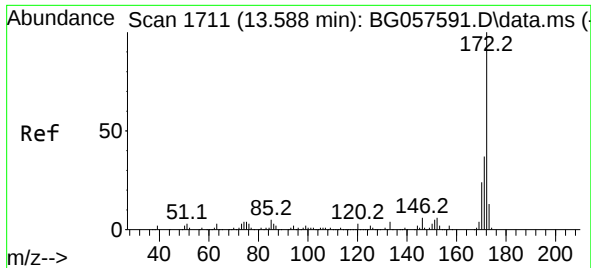


#44
2,4,5-Trichlorophenol
Concen: 47.008 ng
RT: 13.495 min Scan# 1695
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05



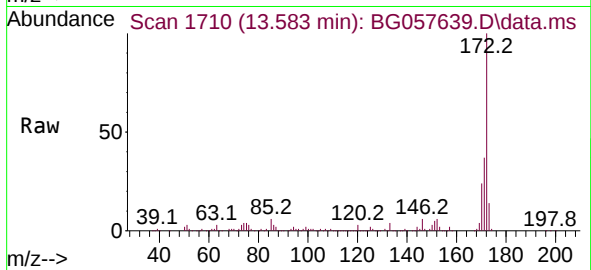
Tgt Ion:196 Resp: 83268
Ion Ratio Lower Upper
196 100
198 101.4 76.9 115.3
97 41.9 36.6 55.0
132 22.6 18.9 28.3





#45
2-Fluorobiphenyl
Concen: 96.055 ng
RT: 13.583 min Scan# 1710
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

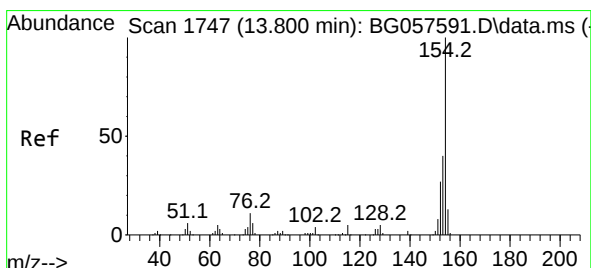
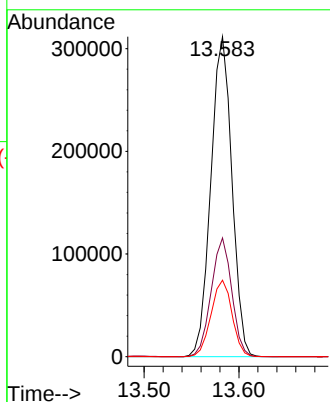
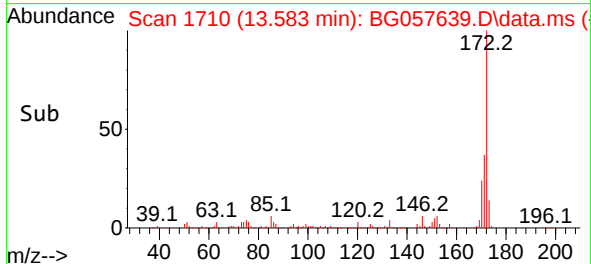
Instrument :
BNA_G
ClientSampleId :
PB153188BSD



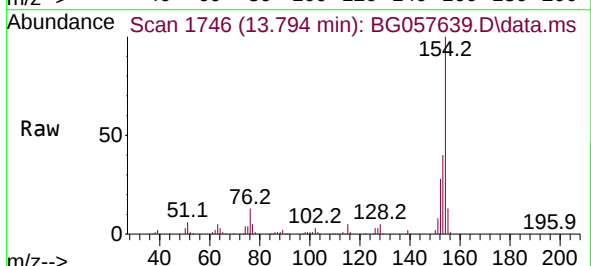
Tgt Ion:172 Resp: 481064
Ion Ratio Lower Upper
172 100
171 37.1 29.2 43.8
170 23.9 19.0 28.4

Manual Integrations
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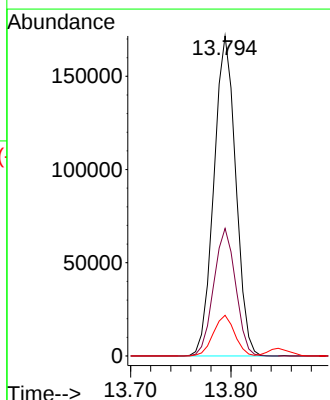
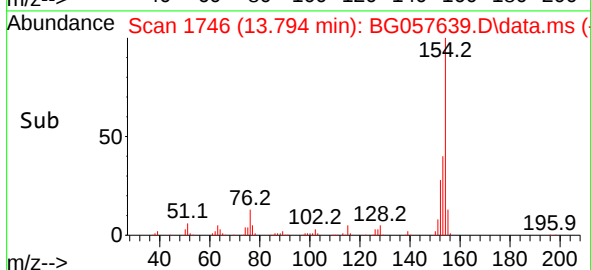
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

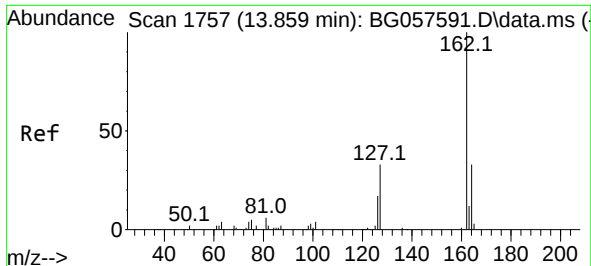


#46
1,1'-Biphenyl
Concen: 50.370 ng
RT: 13.794 min Scan# 1746
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05



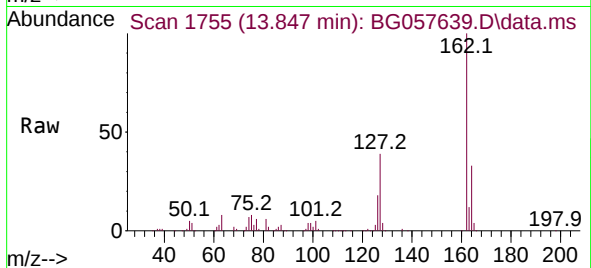
Tgt Ion:154 Resp: 259106
Ion Ratio Lower Upper
154 100
153 39.8 19.6 59.6
76 12.7 0.0 30.9





#47
2-Chloronaphthalene
Concen: 50.311 ng
RT: 13.847 min Scan# 1755
Delta R.T. -0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

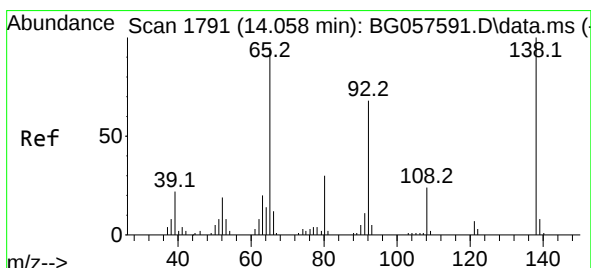
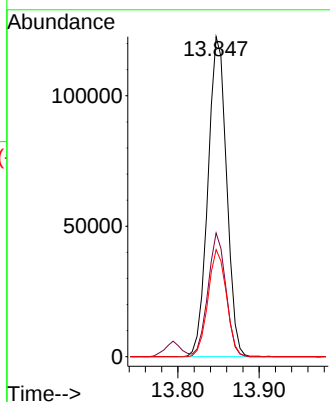
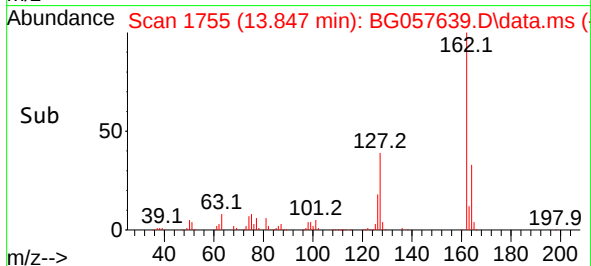
Instrument :
BNA_G
ClientSampleId :
PB153188BSD



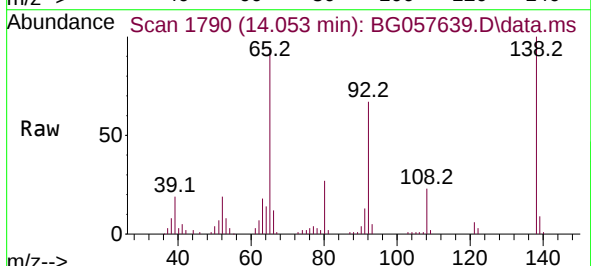
Tgt Ion:162 Resp: 19493
Ion Ratio Lower Upper
162 100
127 38.6 28.2 42.2
164 33.4 26.1 39.1

Manual Integrations
APPROVED

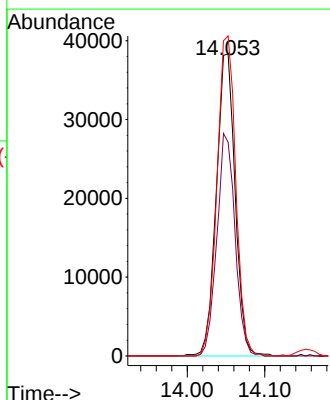
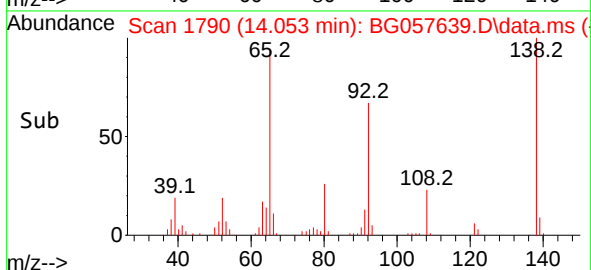
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

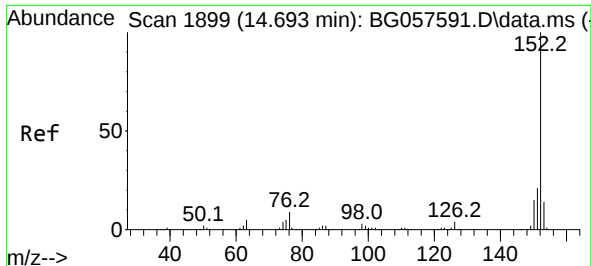


#48
2-Nitroaniline
Concen: 47.751 ng
RT: 14.053 min Scan# 1790
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05



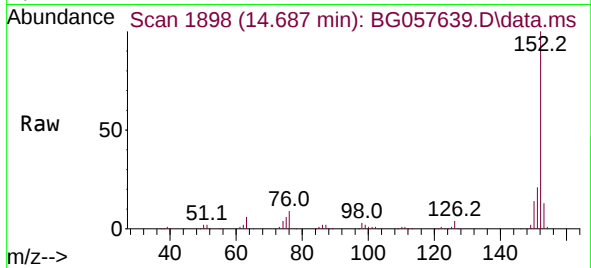
Tgt Ion: 65 Resp: 64808
Ion Ratio Lower Upper
65 100
92 70.7 57.3 85.9
138 105.9 84.6 127.0





#49
Acenaphthylene
Concen: 48.275 ng
RT: 14.687 min Scan# 1898
Delta R.T. -0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

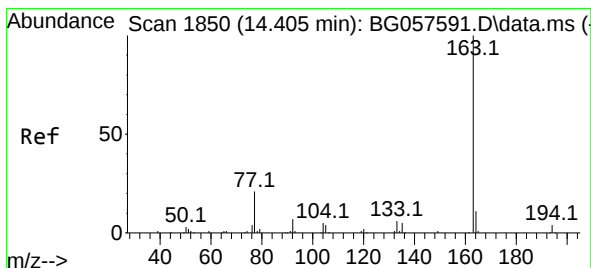
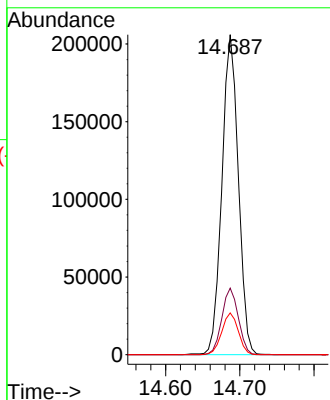
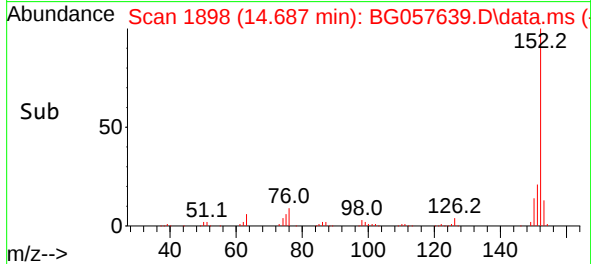
Instrument :
BNA_G
ClientSampleId :
PB153188BSD



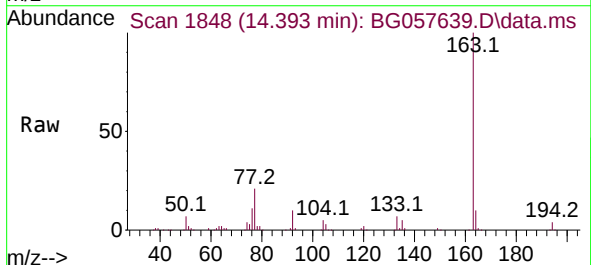
Tgt Ion:152 Resp: 316738
Ion Ratio Lower Upper
152 100
151 20.8 16.5 24.7
153 13.0 11.0 16.4

Manual Integrations
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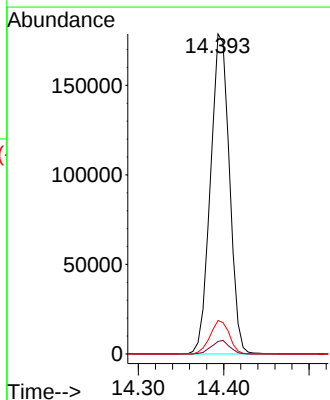
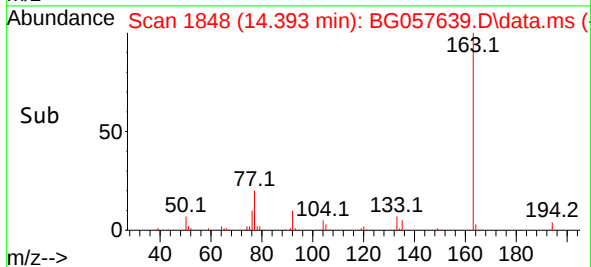
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

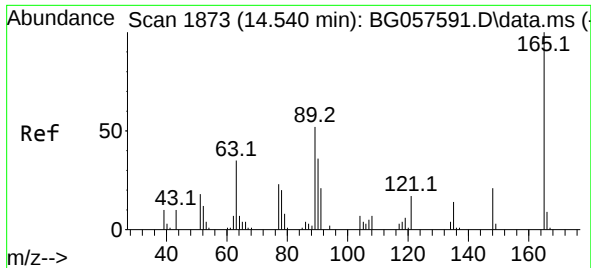


#50
Dimethylphthalate
Concen: 46.504 ng
RT: 14.393 min Scan# 1848
Delta R.T. -0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05



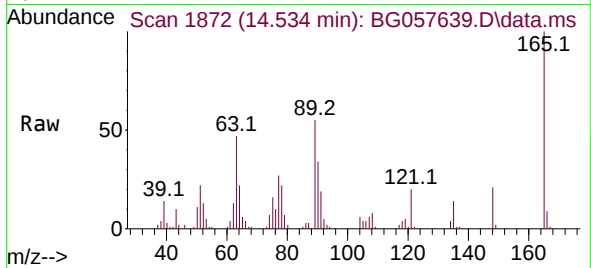
Tgt Ion:163 Resp: 275862
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.4 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 48.899 ng
RT: 14.534 min Scan# 1872
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

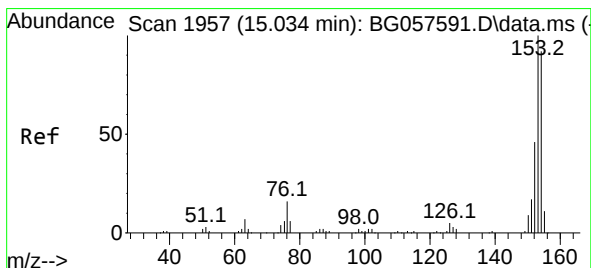
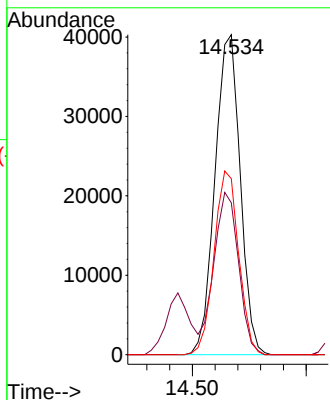
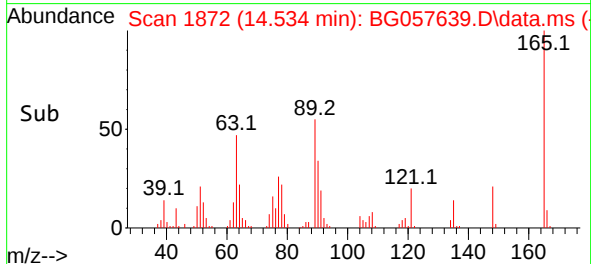
Instrument :
BNA_G
ClientSampleId :
PB153188BSD



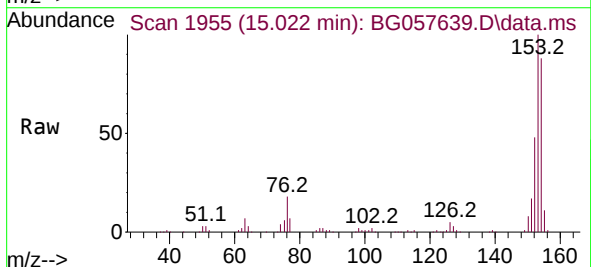
Tgt Ion:165 Resp: 62093
Ion Ratio Lower Upper
165 100
63 47.4 39.3 58.9
89 55.0 41.5 62.3

Manual Integrations
APPROVED

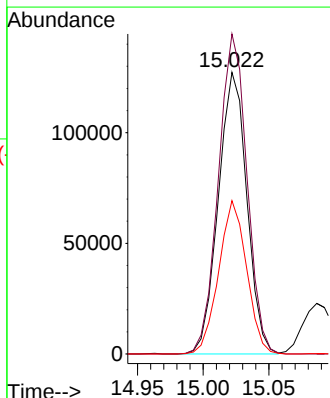
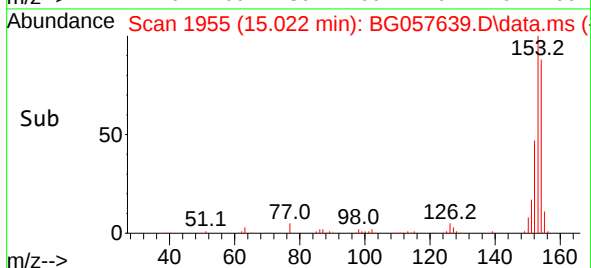
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

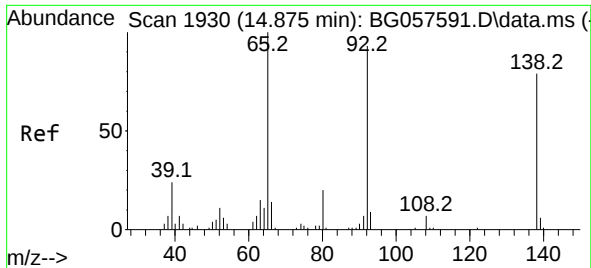


#52
Acenaphthene
Concen: 47.926 ng
RT: 15.022 min Scan# 1955
Delta R.T. -0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05



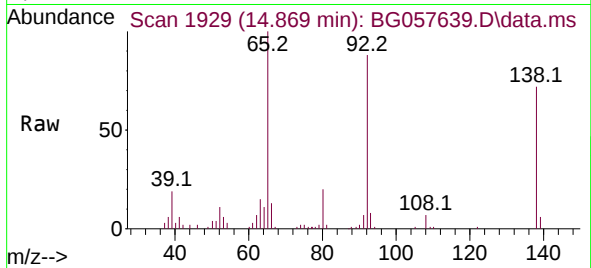
Tgt Ion:154 Resp: 192409
Ion Ratio Lower Upper
154 100
153 113.6 87.4 131.0
152 54.4 40.2 60.4





#53
3-Nitroaniline
Concen: 29.601 ng
RT: 14.869 min Scan# 1930
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

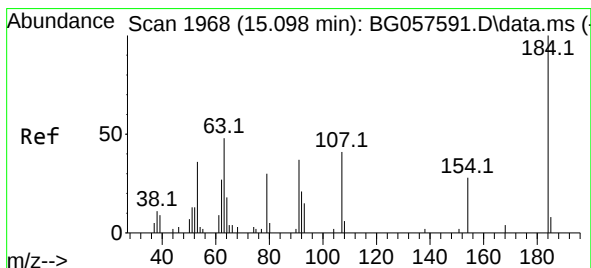
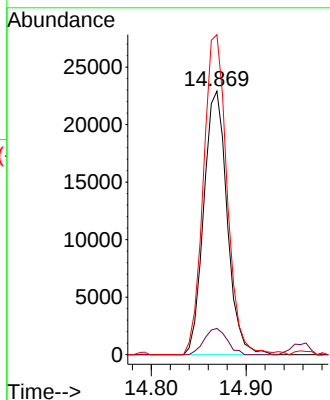
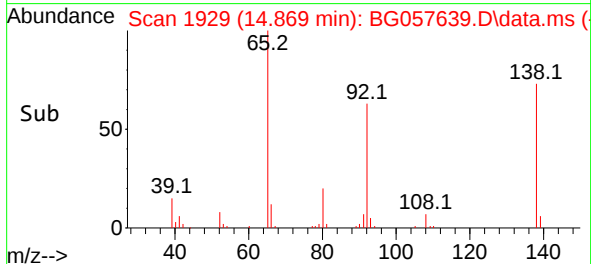
Instrument :
BNA_G
ClientSampleId :
PB153188BSD



Tgt Ion:138 Resp: 39200
Ion Ratio Lower Upper
138 100
108 10.0 7.1 10.7
92 121.4 94.9 142.3

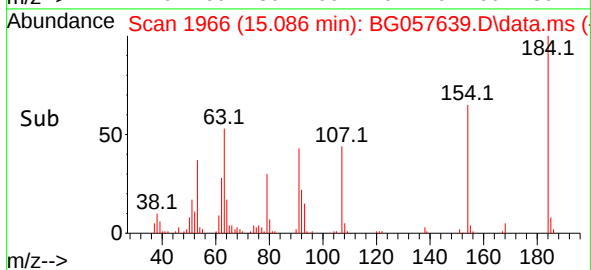
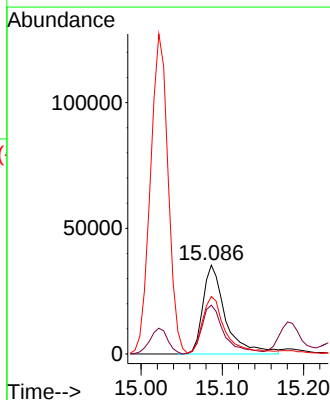
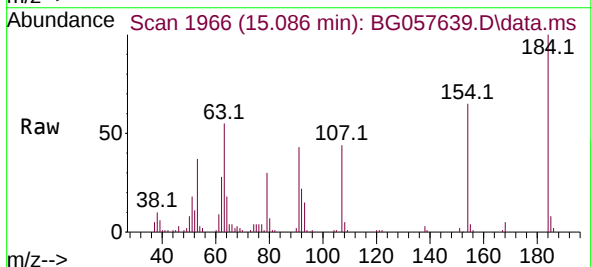
Manual Integrations
APPROVED

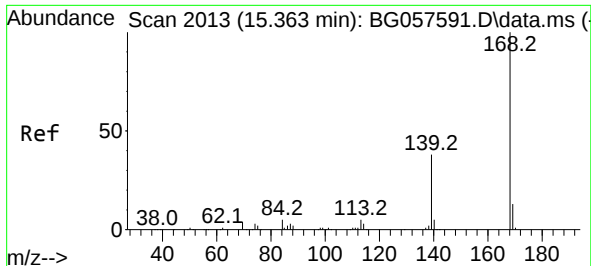
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#54
2,4-Dinitrophenol
Concen: 88.309 ng
RT: 15.086 min Scan# 1966
Delta R.T. -0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Tgt Ion:184 Resp: 68264
Ion Ratio Lower Upper
184 100
63 54.9 41.4 62.2
154 64.7 52.5 78.7





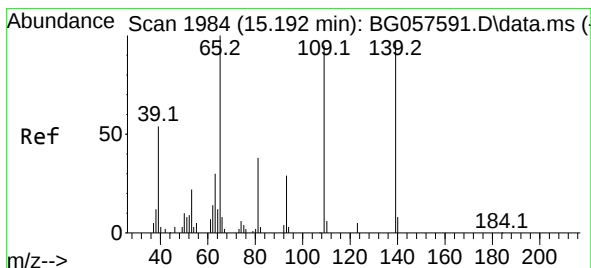
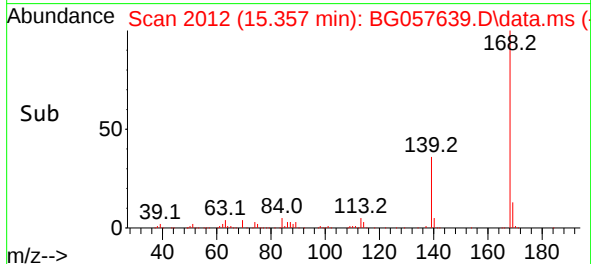
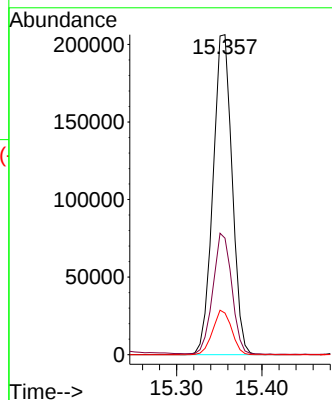
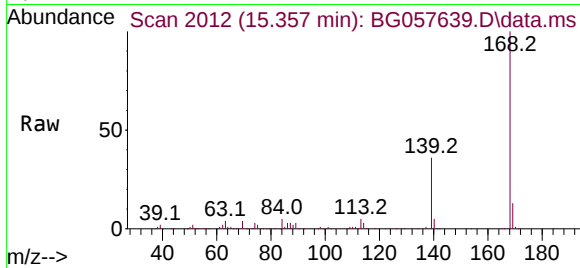
#55
Dibenzenofuran
Concen: 46.764 ng
RT: 15.357 min Scan# 2013
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Instrument :
BNA_G
ClientSampleId :
PB153188BSD

Tgt Ion:168 Resp: 320800
Ion Ratio Lower Upper
168 100
139 36.4 30.6 46.0
169 13.0 10.6 16.0

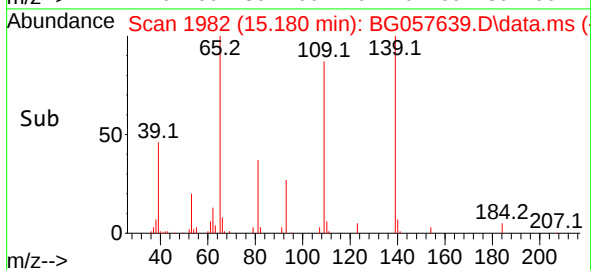
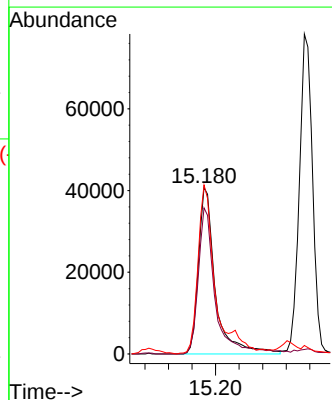
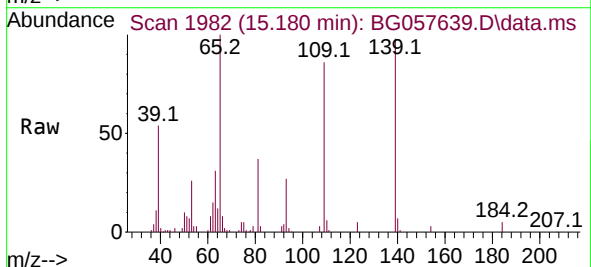
Manual Integrations
APPROVED

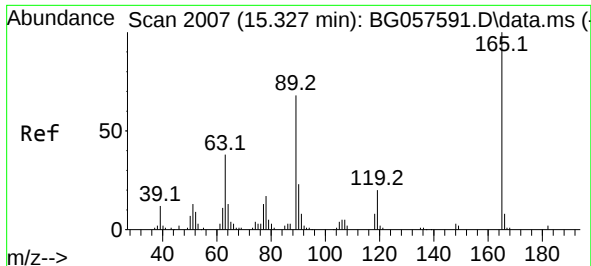
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#56
4-Nitrophenol
Concen: 92.103 ng
RT: 15.180 min Scan# 1982
Delta R.T. -0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Tgt Ion:139 Resp: 81277
Ion Ratio Lower Upper
139 100
109 87.7 78.2 118.2
65 101.5 83.2 123.2





#57
2,4-Dinitrotoluene
Concen: 48.080 ng
RT: 15.321 min Scan# 2007
Delta R.T. -0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Instrument :

BNA_G

ClientSampleId :

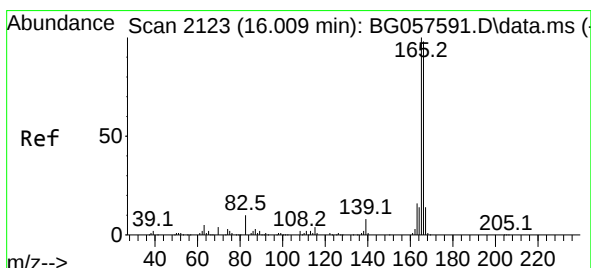
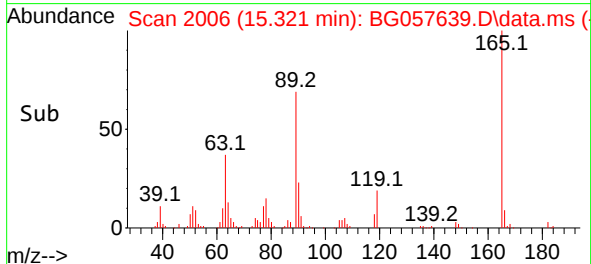
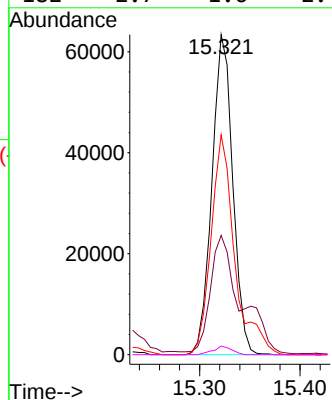
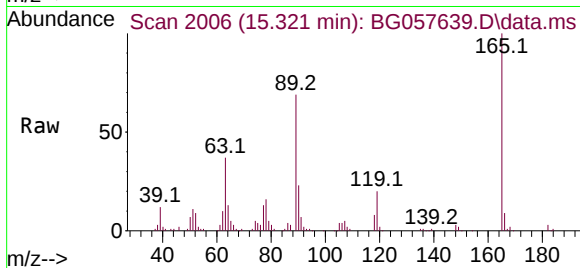
PB153188BSD

Tgt Ion:165 Resp: 9141
Ion Ratio Lower Upper
165 100
63 37.3 30.6 45.8
89 68.7 54.2 81.2
182 2.7 1.6 2.4#

Manual Integrations

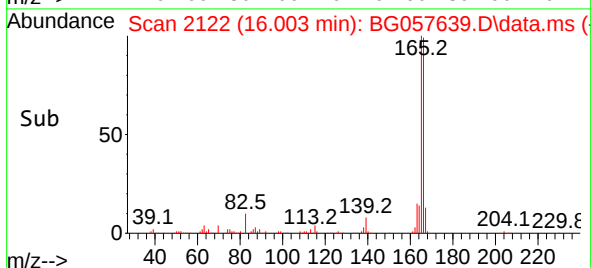
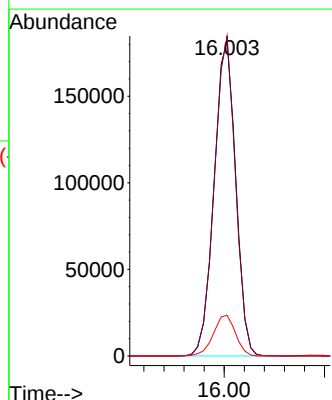
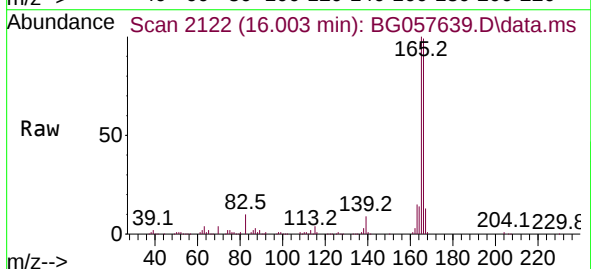
APPROVED

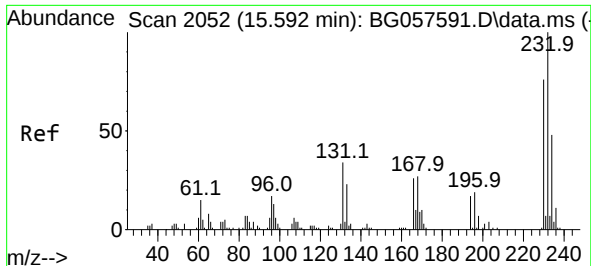
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#58
Fluorene
Concen: 46.880 ng
RT: 16.003 min Scan# 2122
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Tgt Ion:166 Resp: 271538
Ion Ratio Lower Upper
166 100
165 101.4 81.2 121.8
167 12.9 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.641 ng
RT: 15.586 min Scan# 2051
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Instrument :

BNA_G

ClientSampleId :

PB153188BSD

Tgt Ion:232 Resp: 79060
Ion Ratio Lower Upper

232 100

131 35.5 28.6 43.0

130 1.9 1.8 2.6

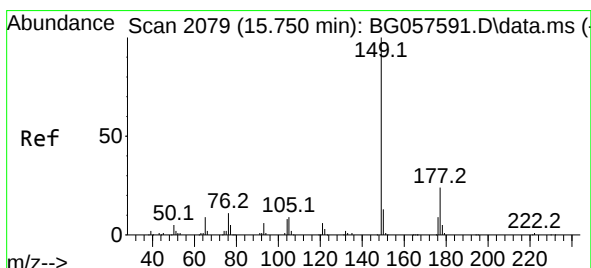
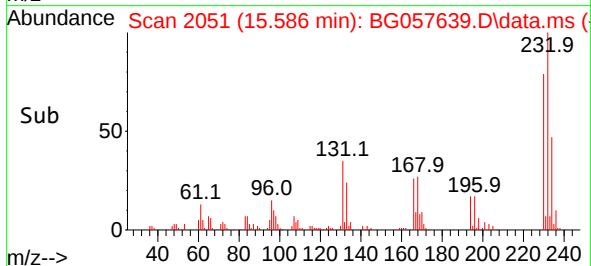
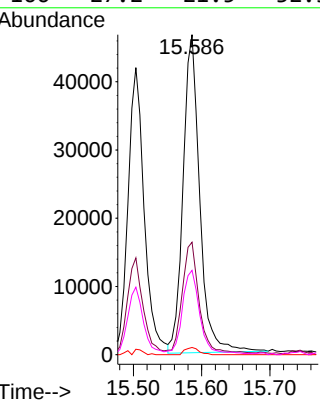
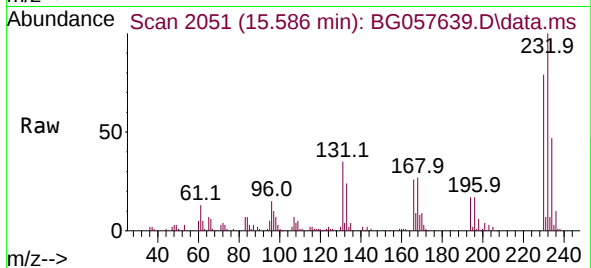
166 27.2 21.5 32.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#60
Diethylphthalate
Concen: 46.764 ng
RT: 15.739 min Scan# 2077
Delta R.T. -0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

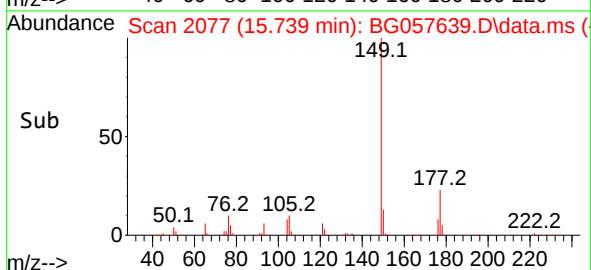
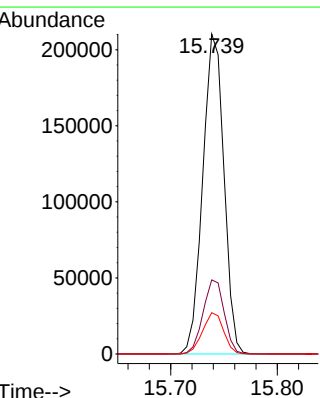
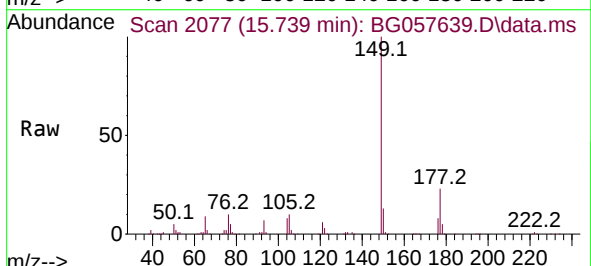
Tgt Ion:149 Resp: 289540

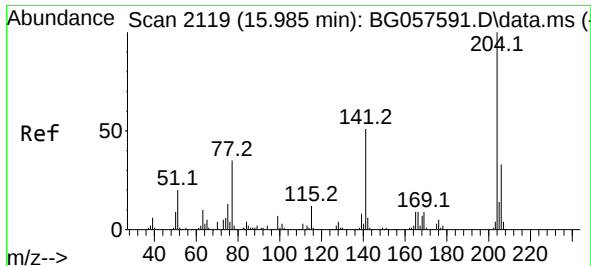
Ion Ratio Lower Upper

149 100

177 23.2 19.0 28.6

150 12.9 10.1 15.1





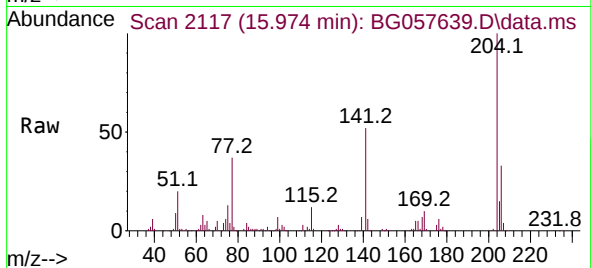
#61
4-Chlorophenyl-phenylether
Concen: 48.103 ng
RT: 15.974 min Scan# 2117
Delta R.T. -0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Instrument :

BNA_G

ClientSampleId :

PB153188BSD

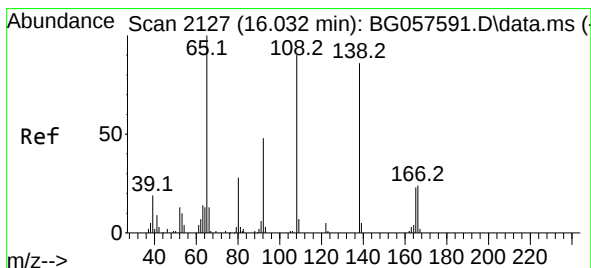
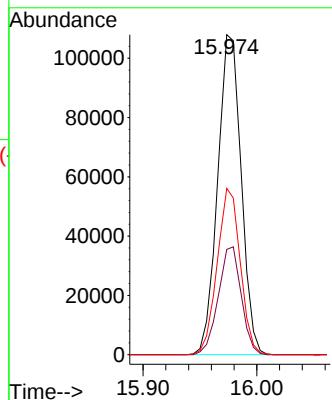
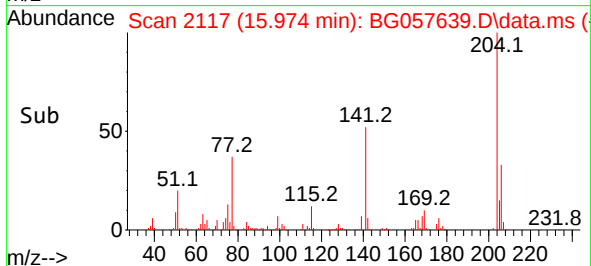


Tgt Ion:204 Resp: 155270
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 51.9 40.8 61.2

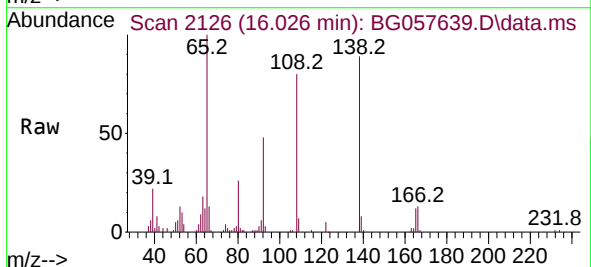
Manual Integrations

APPROVED

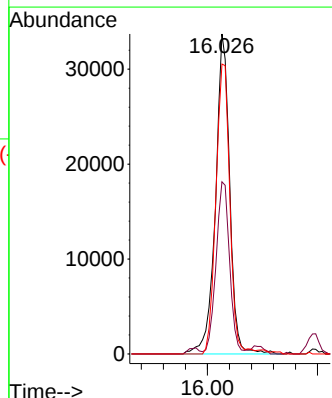
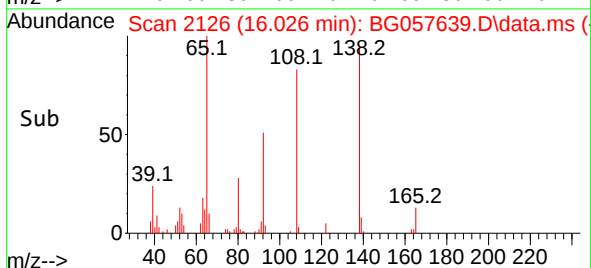
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

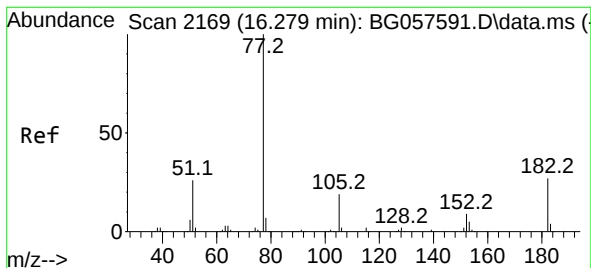


#62
4-Nitroaniline
Concen: 42.438 ng
RT: 16.026 min Scan# 2126
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05



Tgt Ion:138 Resp: 60632
Ion Ratio Lower Upper
138 100
92 53.8 36.4 76.4
108 90.6 85.4 125.4





#63
Azobenzene
Concen: 47.730 ng
RT: 16.273 min Scan# 2168
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Instrument :

BNA_G

ClientSampleId :

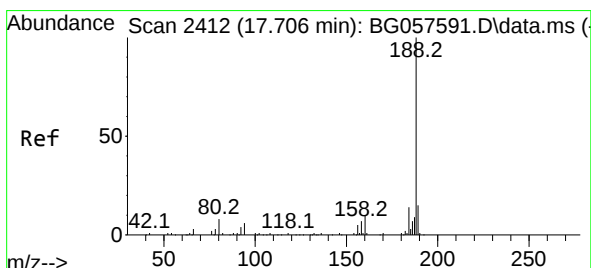
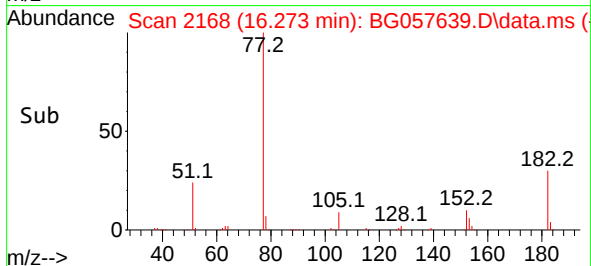
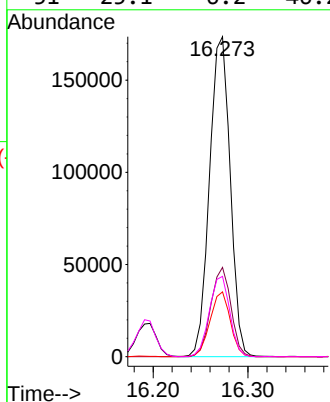
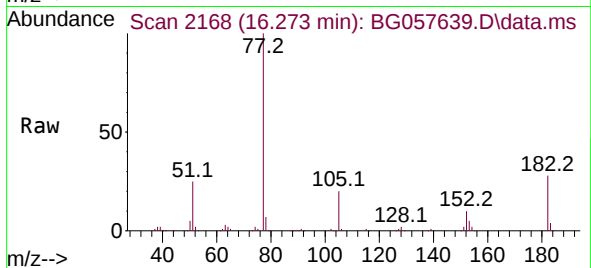
PB153188BSD

Tgt Ion: 77 Resp: 262810
Ion Ratio Lower Upper
77 100
182 27.9 7.4 47.4
105 20.3 0.0 39.4
51 25.1 6.2 46.2

Manual Integrations

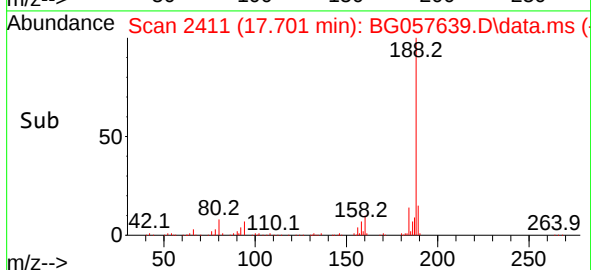
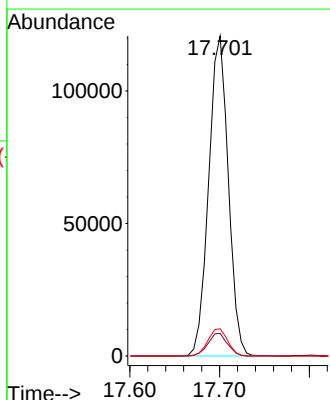
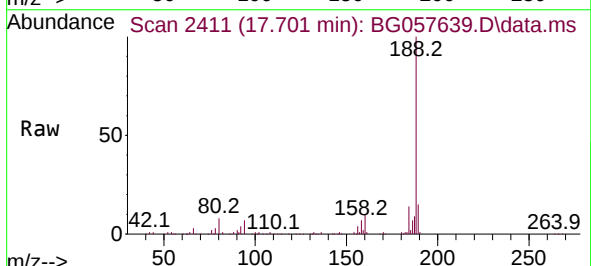
APPROVED

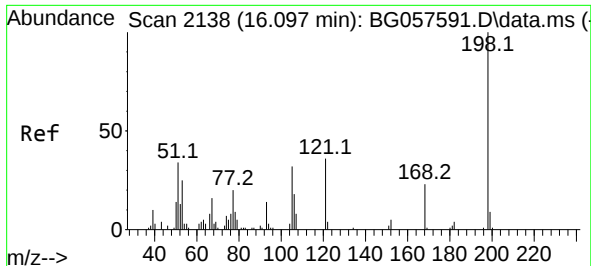
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.701 min Scan# 2411
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Tgt Ion:188 Resp: 183045
Ion Ratio Lower Upper
188 100
94 7.1 5.2 7.8
80 8.5 6.7 10.1





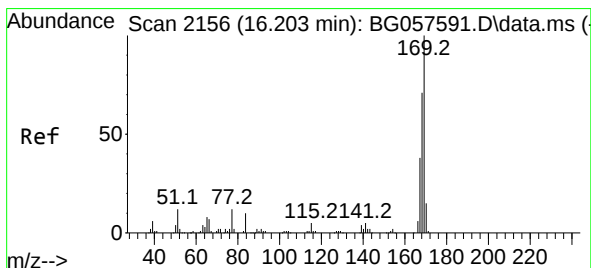
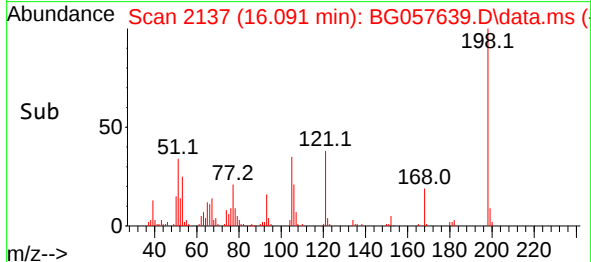
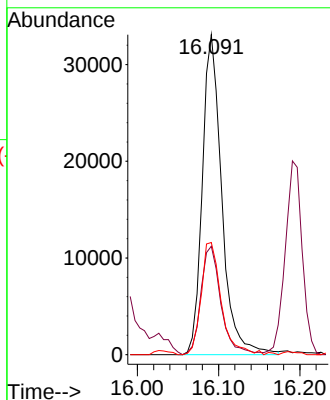
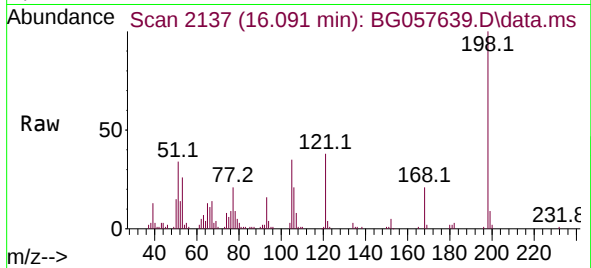
#65
4,6-Dinitro-2-methylphenol
Concen: 49.366 ng
RT: 16.091 min Scan# 2138
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Instrument :
BNA_G
ClientSampleId :
PB153188BSD

Tgt Ion:198 Resp: 55020
Ion Ratio Lower Upper
198 100
51 33.9 14.9 54.9
105 35.1 11.8 51.8

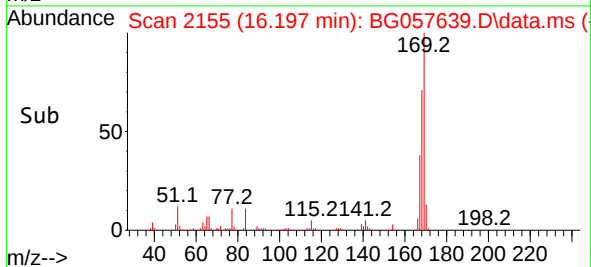
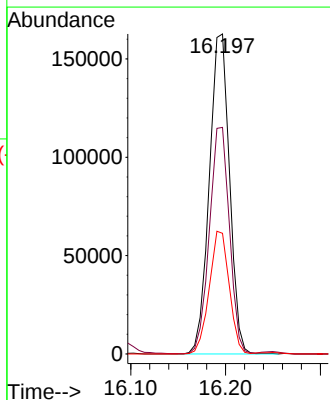
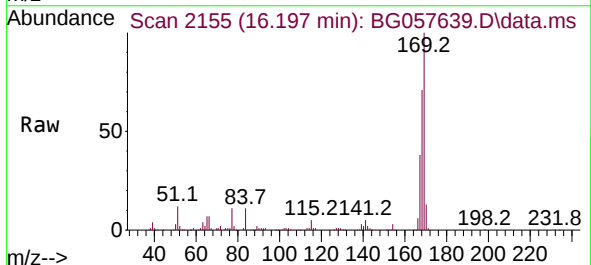
Manual Integrations
APPROVED

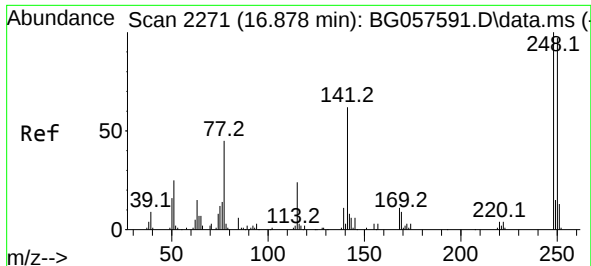
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#66
n-Nitrosodiphenylamine
Concen: 50.687 ng
RT: 16.197 min Scan# 2155
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

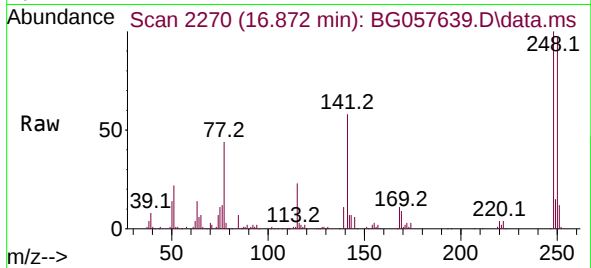
Tgt Ion:169 Resp: 241149
Ion Ratio Lower Upper
169 100
168 70.8 56.7 85.1
167 37.7 30.7 46.1





#67
4-Bromophenyl-phenylether
Concen: 50.671 ng
RT: 16.872 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

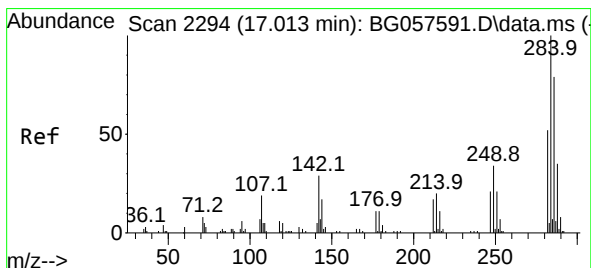
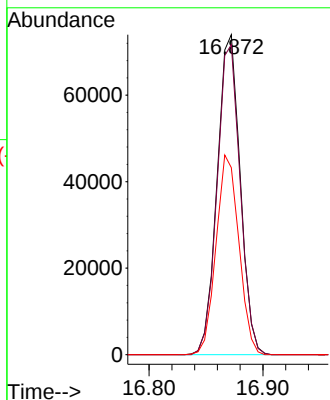
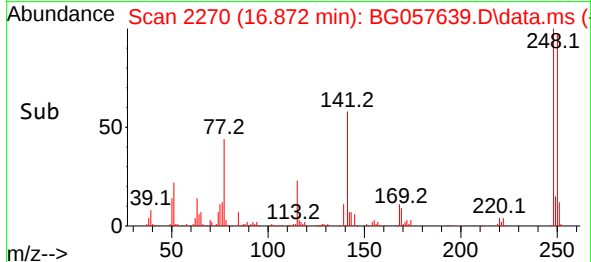
Instrument :
BNA_G
ClientSampleId :
PB153188BSD



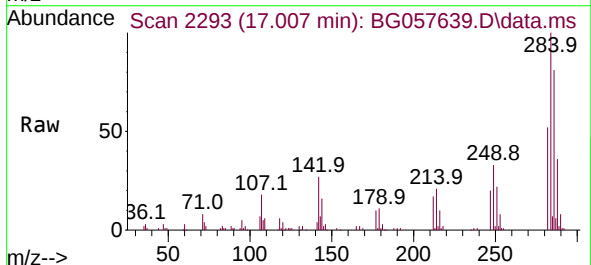
Tgt Ion:248 Resp: 10404
Ion Ratio Lower Upper
248 100
250 96.9 77.4 116.2
141 58.5 49.4 74.0

Manual Integrations
APPROVED

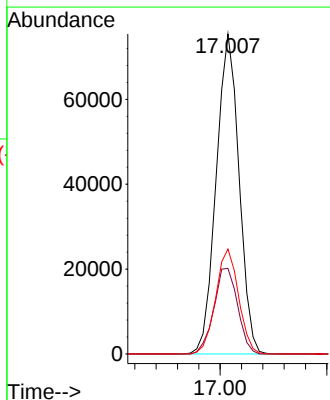
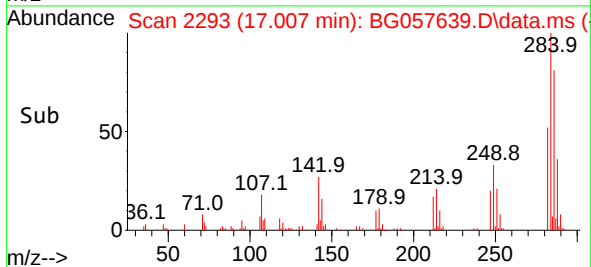
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

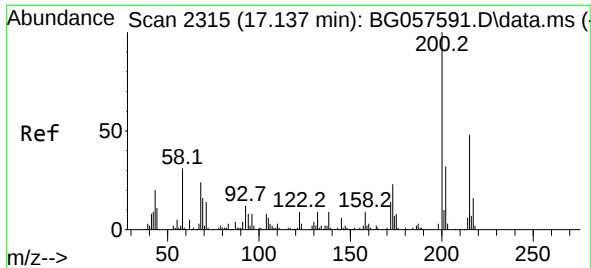


#68
Hexachlorobenzene
Concen: 52.799 ng
RT: 17.007 min Scan# 2293
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05



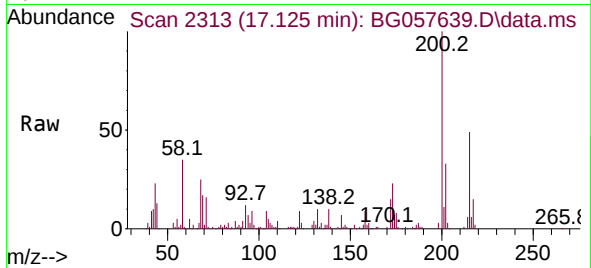
Tgt Ion:284 Resp: 111749
Ion Ratio Lower Upper
284 100
142 26.8 22.9 34.3
249 32.8 27.0 40.4





#69
 Atrazine
 Concen: 53.520 ng
 RT: 17.125 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG057639.D
 Acq: 6 Jun 2023 16:05

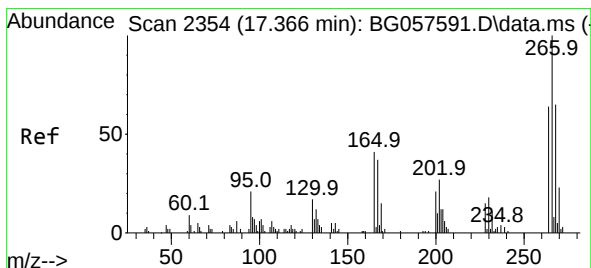
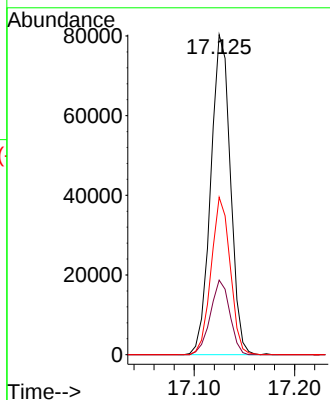
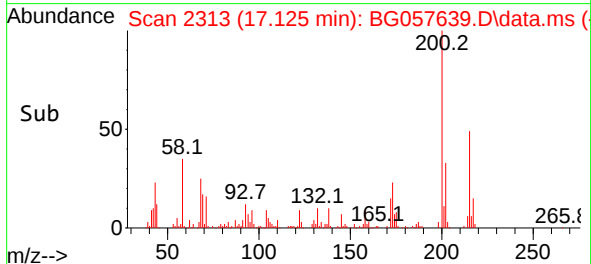
Instrument :
 BNA_G
 ClientSampleId :
 PB153188BSD



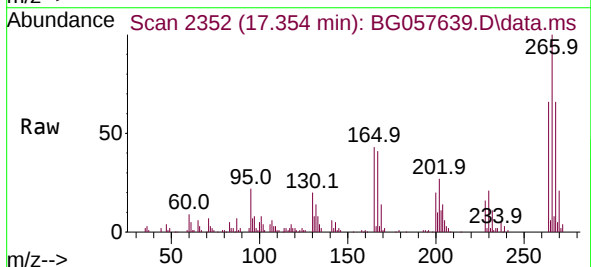
Tgt Ion:200 Resp: 10932
 Ion Ratio Lower Upper
 200 100
 173 23.3 3.2 43.2
 215 49.2 28.4 68.4

Manual Integrations
 APPROVED

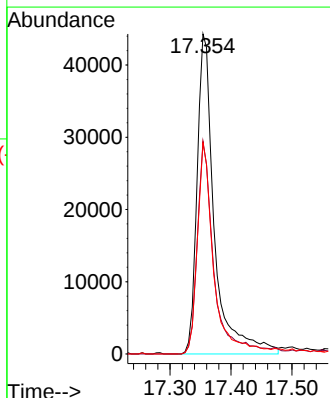
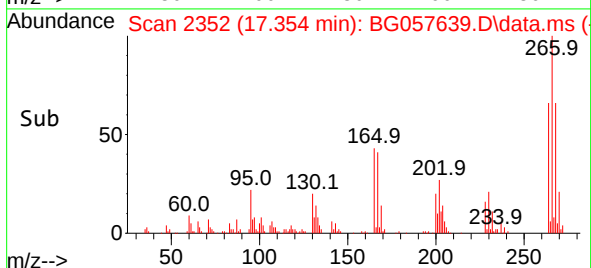
Reviewed By :Yogesh Patel 06/09/2023
 Supervised By :mohammad ahmed 06/13/2023

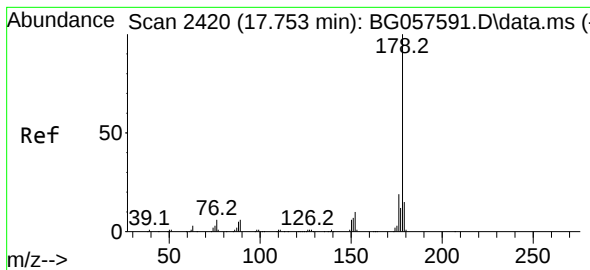


#70
 Pentachlorophenol
 Concen: 81.344 ng
 RT: 17.354 min Scan# 2352
 Delta R.T. -0.003 min
 Lab File: BG057639.D
 Acq: 6 Jun 2023 16:05



Tgt Ion:266 Resp: 87725
 Ion Ratio Lower Upper
 266 100
 268 66.4 52.2 78.4
 264 66.1 51.2 76.8





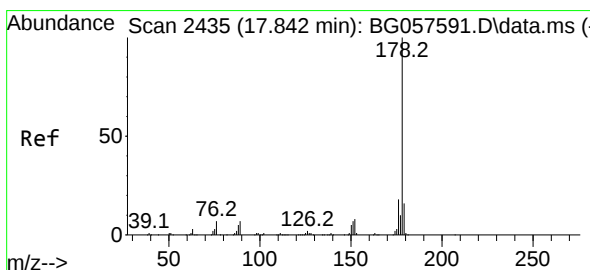
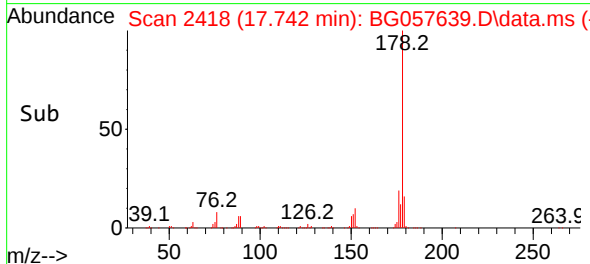
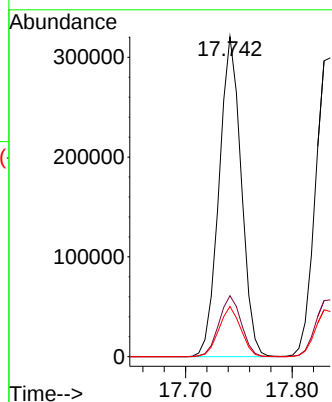
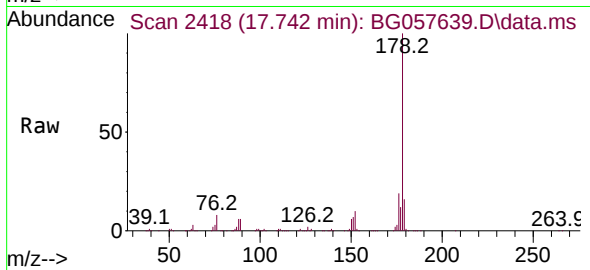
#71
Phenanthrene
Concen: 49.342 ng
RT: 17.742 min Scan# 2418
Delta R.T. -0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

Instrument :
BNA_G
ClientSampleId :
PB153188BSD

Tgt Ion:178 Resp: 462188
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.7 12.0 18.0

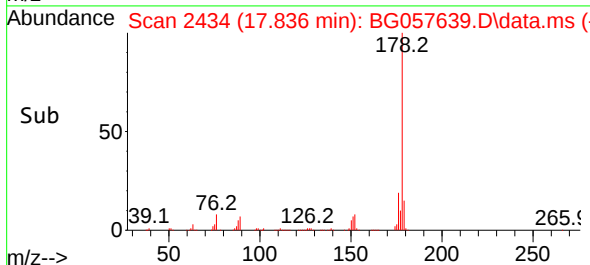
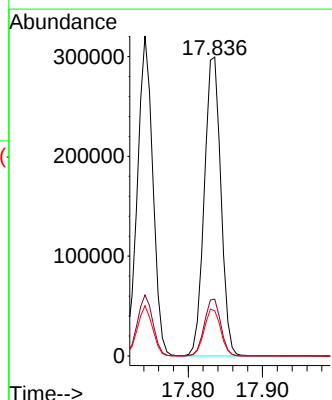
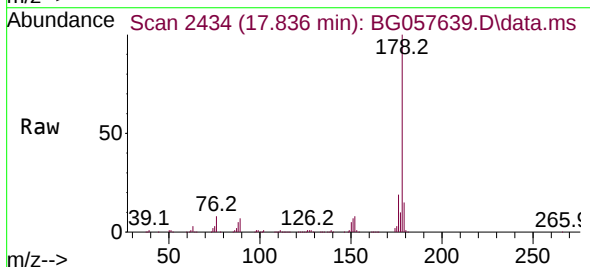
Manual Integrations
APPROVED

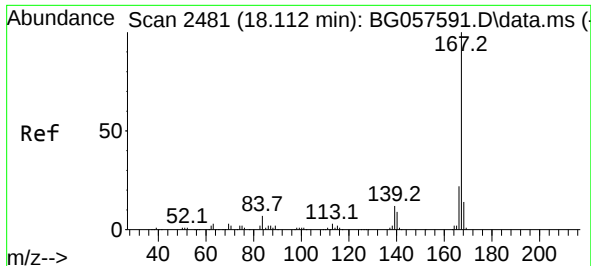
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#72
Anthracene
Concen: 48.386 ng
RT: 17.836 min Scan# 2434
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

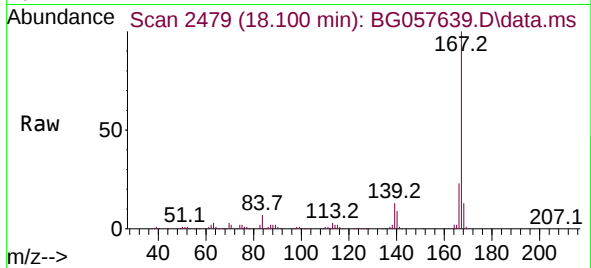
Tgt Ion:178 Resp: 464961
Ion Ratio Lower Upper
178 100
176 19.0 14.6 22.0
179 15.1 12.6 18.8





#73
 Carbazole
 Concen: 48.467 ng
 RT: 18.100 min Scan# 2481
 Delta R.T. 0.003 min
 Lab File: BG057639.D
 Acq: 6 Jun 2023 16:05

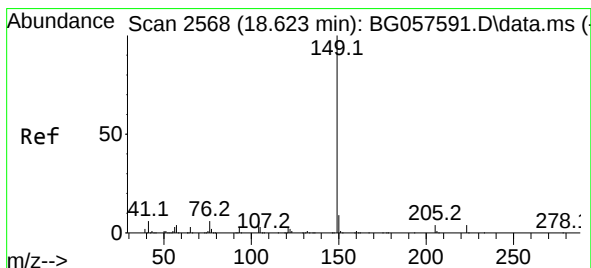
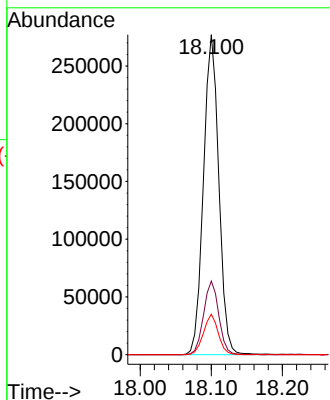
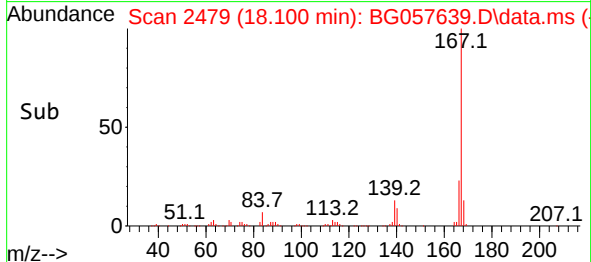
Instrument :
 BNA_G
 ClientSampleId :
 PB153188BSD



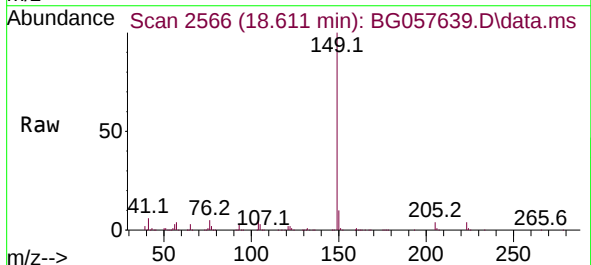
Tgt Ion:167 Resp: 416640
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.9 26.9
 139 12.7 9.6 14.4

Manual Integrations
 APPROVED

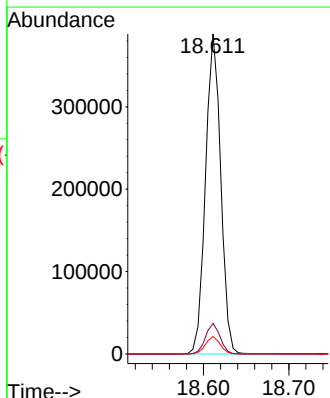
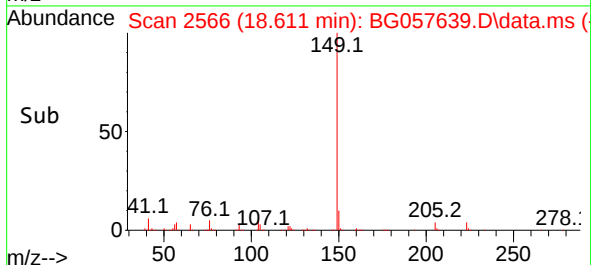
Reviewed By :Yogesh Patel 06/09/2023
 Supervised By :mohammad ahmed 06/13/2023

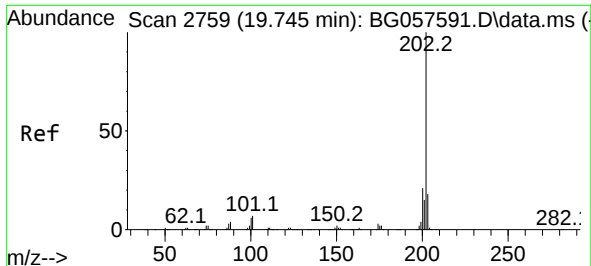


#74
 Di-n-butylphthalate
 Concen: 47.079 ng
 RT: 18.611 min Scan# 2566
 Delta R.T. -0.003 min
 Lab File: BG057639.D
 Acq: 6 Jun 2023 16:05



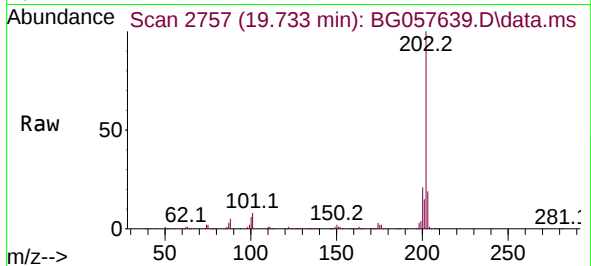
Tgt Ion:149 Resp: 480441
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.3 10.9
 104 5.4 4.6 6.8





#75
Fluoranthene
Concen: 44.542 ng
RT: 19.733 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

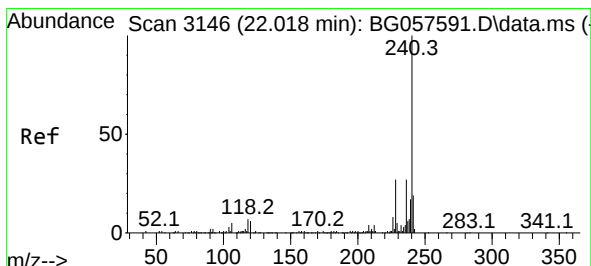
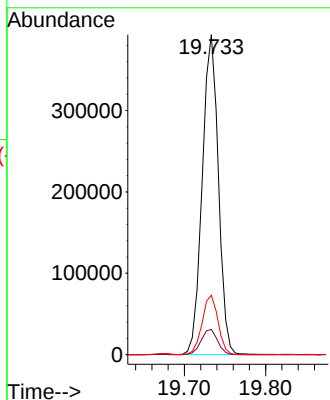
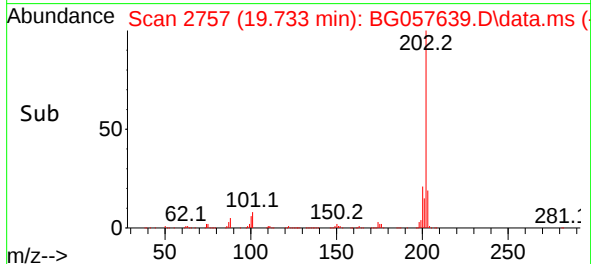
Instrument :
BNA_G
ClientSampleId :
PB153188BSD



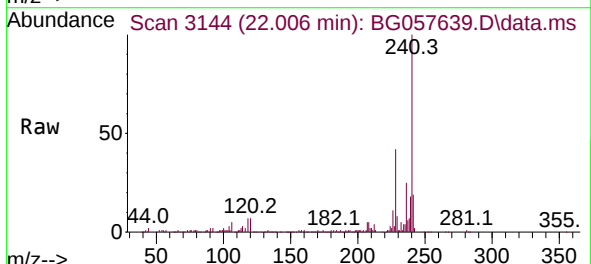
Tgt Ion:202 Resp: 541640
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.5
203 18.5 0.0 38.4

Manual Integrations
APPROVED

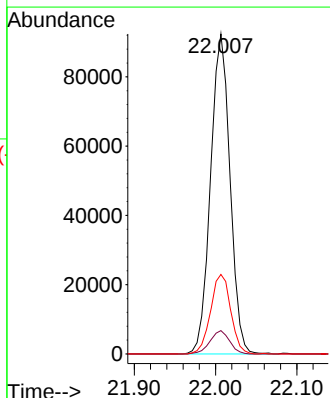
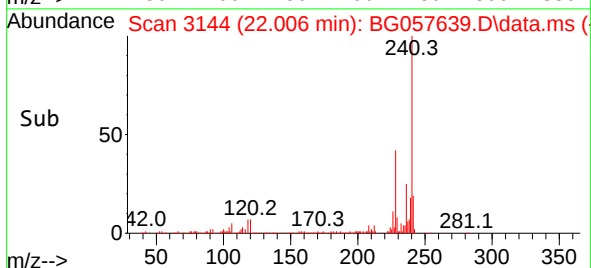
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

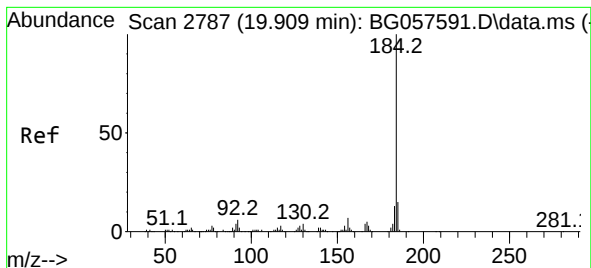


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.006 min Scan# 3144
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05



Tgt Ion:240 Resp: 153706
Ion Ratio Lower Upper
240 100
120 7.3 5.2 7.8
236 24.9 21.4 32.0





#77

Benzidine

Concen: 46.828 ng

RT: 19.898 min Scan# 21780

Delta R.T. 0.003 min

Lab File: BG057639.D

Acq: 6 Jun 2023 16:05

Instrument :

BNA_G

ClientSampleId :

PB153188BSD

Tgt Ion:184 Resp: 21780

Ion Ratio Lower Upper

184 100

185 14.3 12.0 18.0

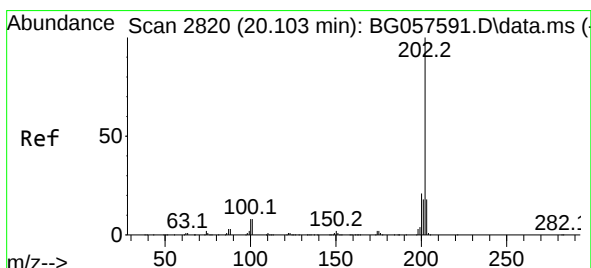
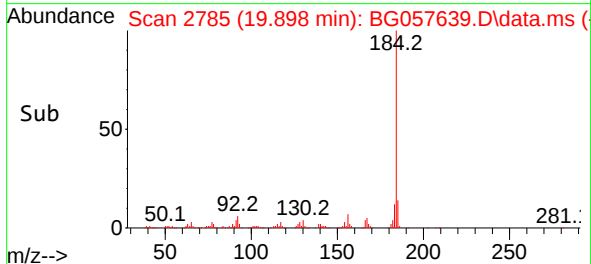
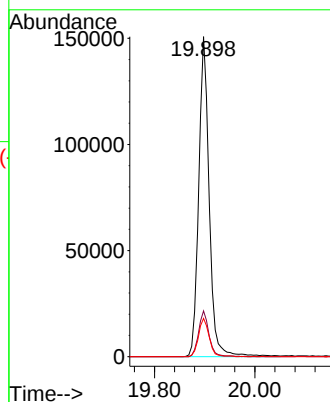
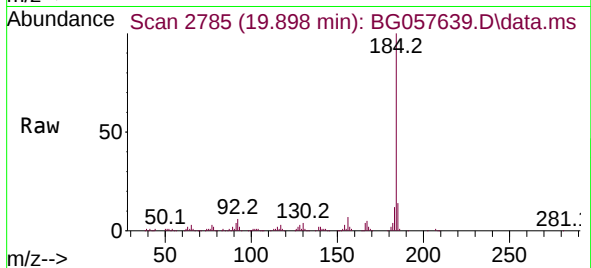
183 12.0 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#78

Pyrene

Concen: 50.639 ng

RT: 20.091 min Scan# 2818

Delta R.T. -0.003 min

Lab File: BG057639.D

Acq: 6 Jun 2023 16:05

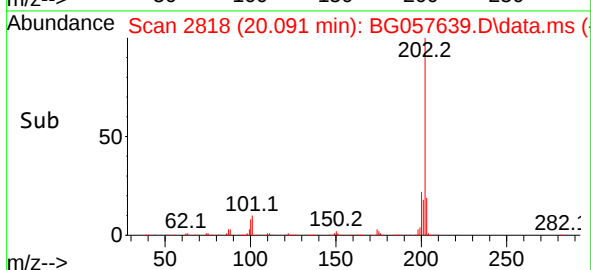
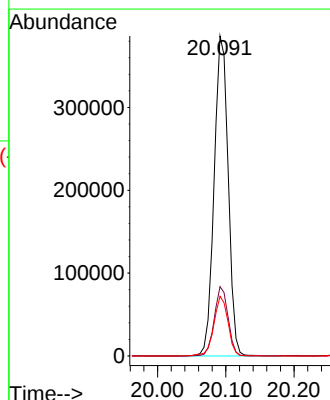
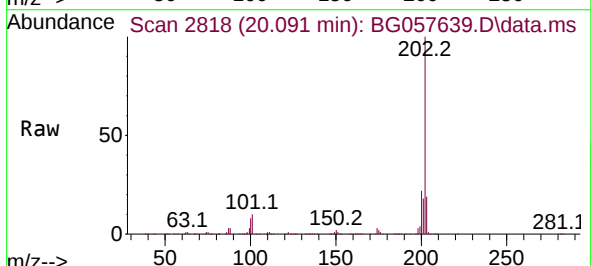
Tgt Ion:202 Resp: 554201

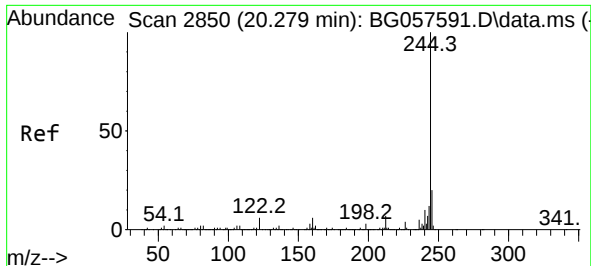
Ion Ratio Lower Upper

202 100

200 21.6 16.8 25.2

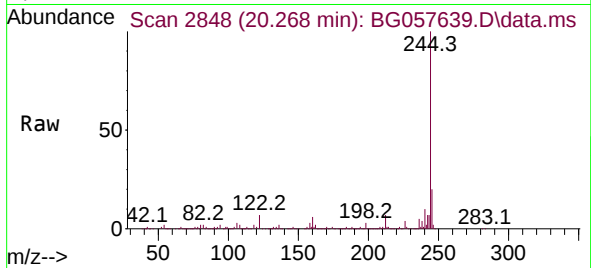
203 18.6 14.5 21.7





#79
 Terphenyl-d14
 Concen: 102.411 ng
 RT: 20.268 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG057639.D
 Acq: 6 Jun 2023 16:05

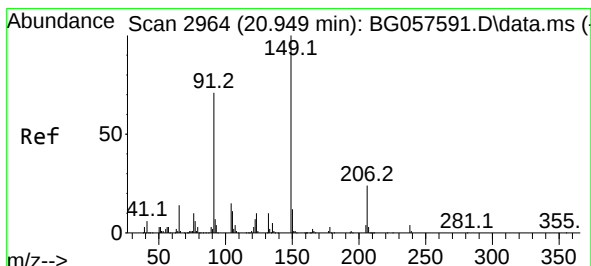
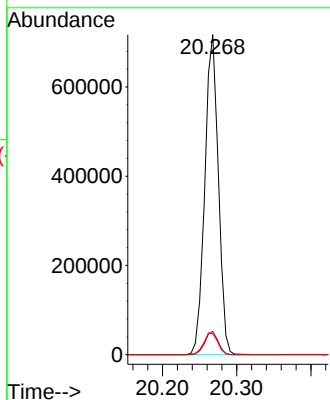
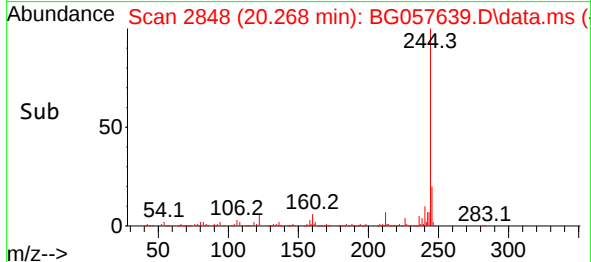
Instrument :
 BNA_G
 ClientSampleId :
 PB153188BSD



Tgt Ion:244 Resp: 908732
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 6.6 4.8 7.2

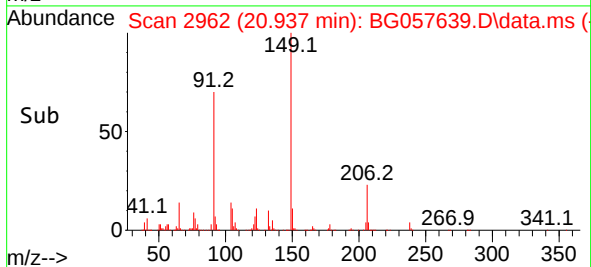
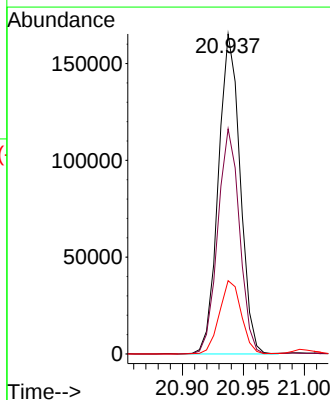
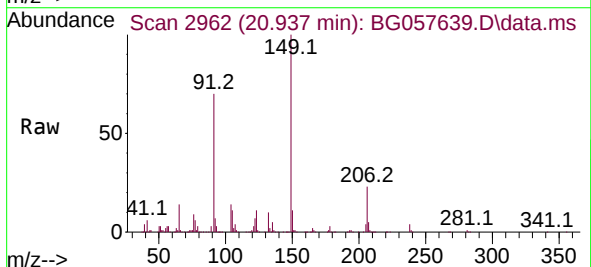
Manual Integrations
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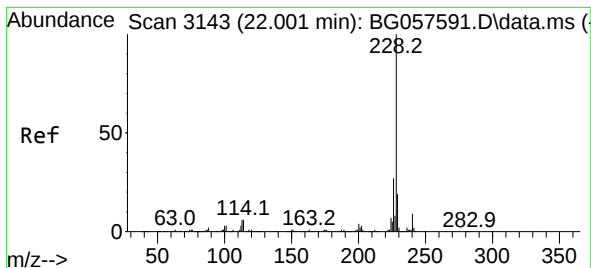
Reviewed By :Yogesh Patel 06/09/2023
 Supervised By :mohammad ahmed 06/13/2023



#80
 Butylbenzylphthalate
 Concen: 51.572 ng
 RT: 20.937 min Scan# 2962
 Delta R.T. -0.003 min
 Lab File: BG057639.D
 Acq: 6 Jun 2023 16:05

Tgt Ion:149 Resp: 205557
 Ion Ratio Lower Upper
 149 100
 91 70.4 57.0 85.6
 206 22.9 19.4 29.2





#81

Benzo(a)anthracene

Concen: 49.833 ng

RT: 21.983 min Scan# 3143

Delta R.T. 0.003 min

Lab File: BG057639.D

Acq: 6 Jun 2023 16:05

Instrument :

BNA_G

ClientSampleId :

PB153188BSD

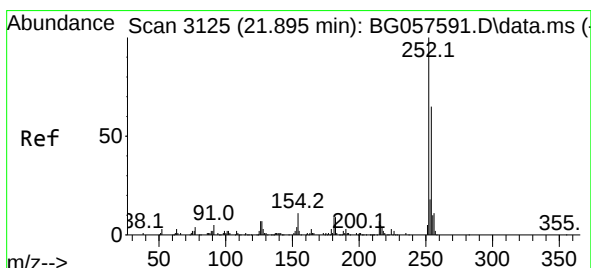
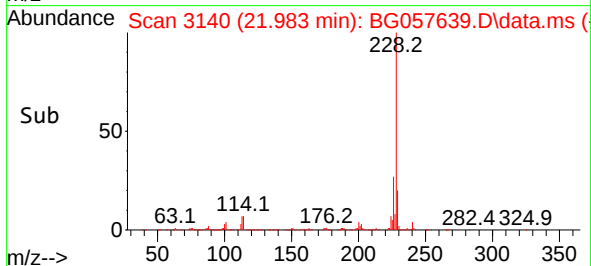
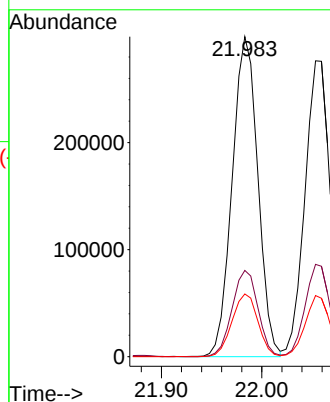
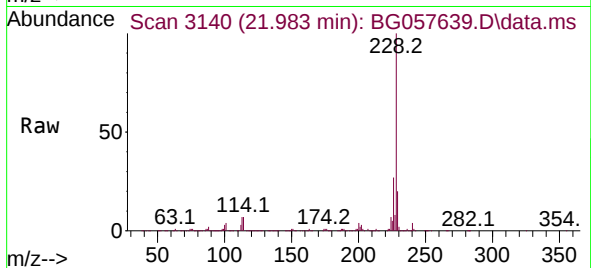
Tgt Ion:228 Resp: 531390
 Ion Ratio Lower Upper
 228 100
 226 27.0 21.4 32.0
 229 19.6 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#82

3,3'-Dichlorobenzidine

Concen: 29.557 ng

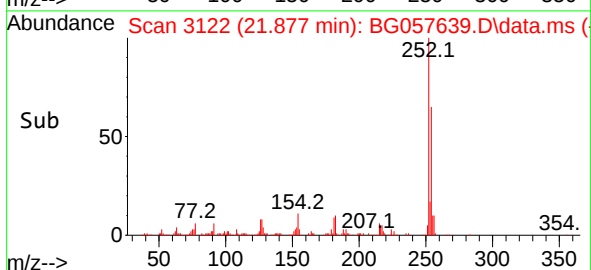
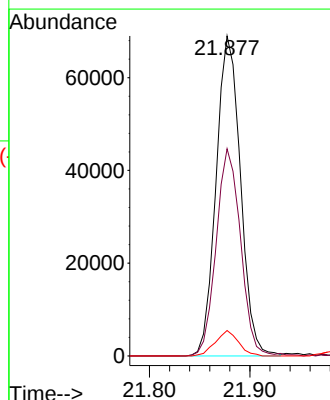
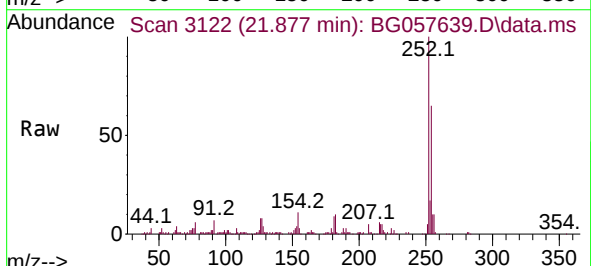
RT: 21.877 min Scan# 3122

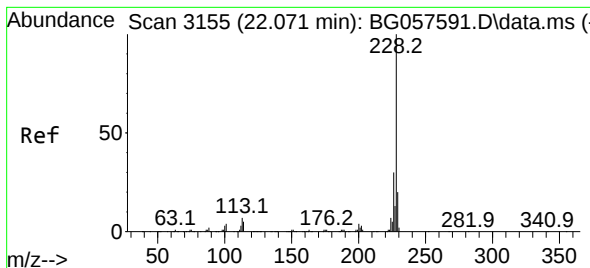
Delta R.T. 0.003 min

Lab File: BG057639.D

Acq: 6 Jun 2023 16:05

Tgt Ion:252 Resp: 116230
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.8 77.8
 126 7.9 5.4 8.2





#83

Chrysene

Concen: 47.711 ng

RT: 22.054 min Scan# 3152

Delta R.T. -0.003 min

Lab File: BG057639.D

Acq: 6 Jun 2023 16:05

Instrument :

BNA_G

ClientSampleId :

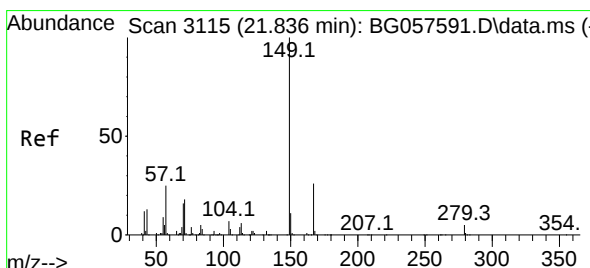
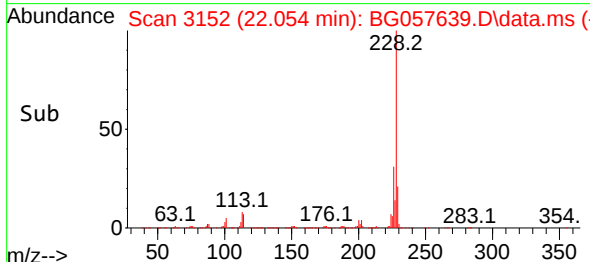
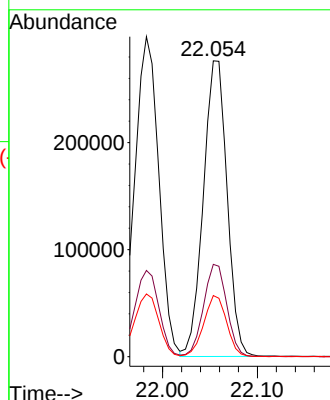
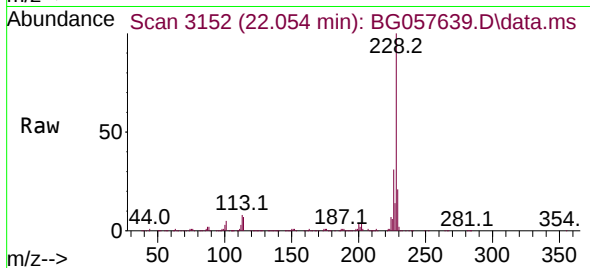
PB153188BSD

Tgt Ion:228 Resp: 48078
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.3 36.5
 229 20.7 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023
 Supervised By :mohammad ahmed 06/13/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.818 ng

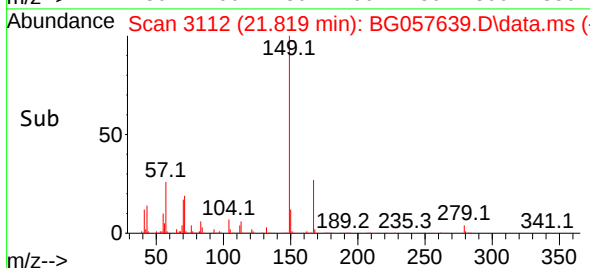
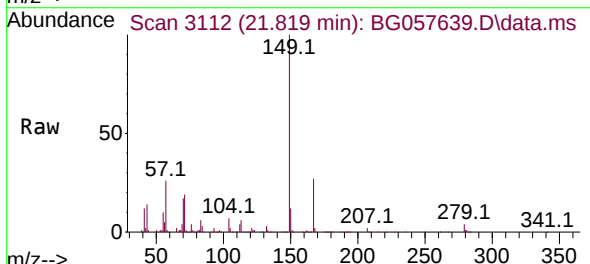
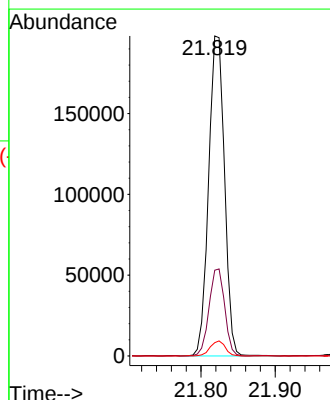
RT: 21.819 min Scan# 3112

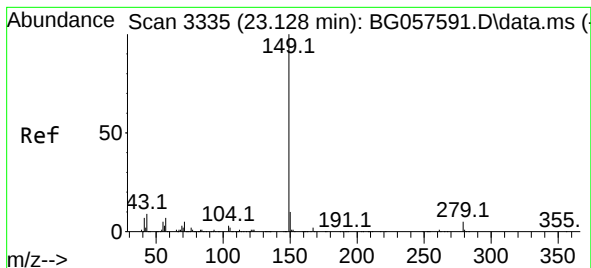
Delta R.T. -0.003 min

Lab File: BG057639.D

Acq: 6 Jun 2023 16:05

Tgt Ion:149 Resp: 294616
 Ion Ratio Lower Upper
 149 100
 167 26.8 20.6 31.0
 279 4.2 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 52.207 ng

RT: 23.105 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG057639.D

Acq: 6 Jun 2023 16:05

Instrument :

BNA_G

ClientSampleId :

PB153188BSD

Tgt Ion:149 Resp: 491990

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

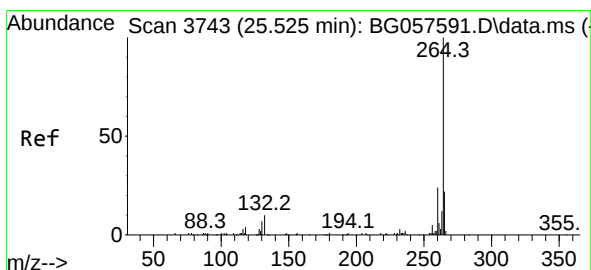
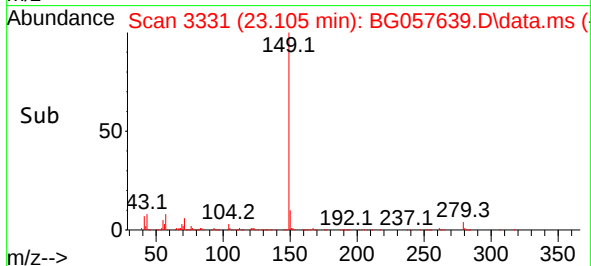
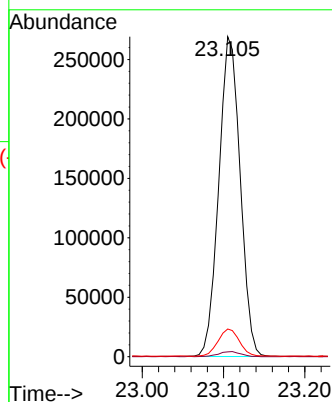
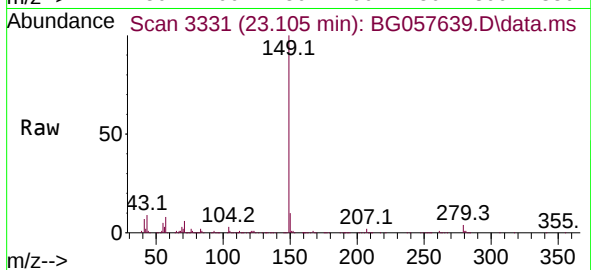
43 8.5 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.496 min Scan# 3738

Delta R.T. -0.003 min

Lab File: BG057639.D

Acq: 6 Jun 2023 16:05

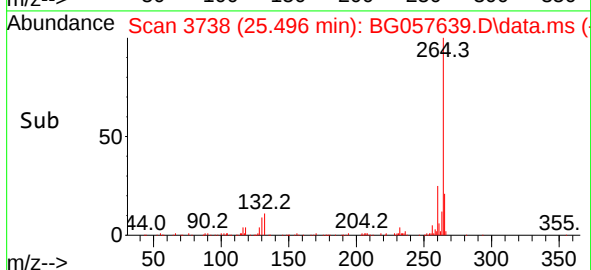
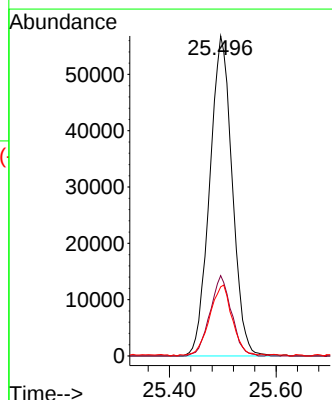
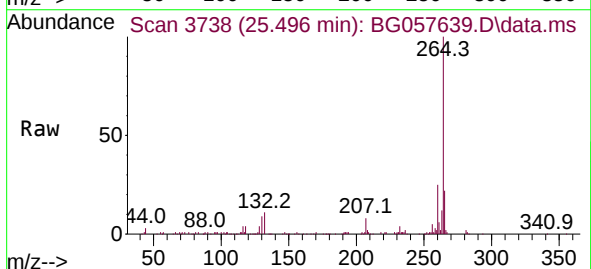
Tgt Ion:264 Resp: 166726

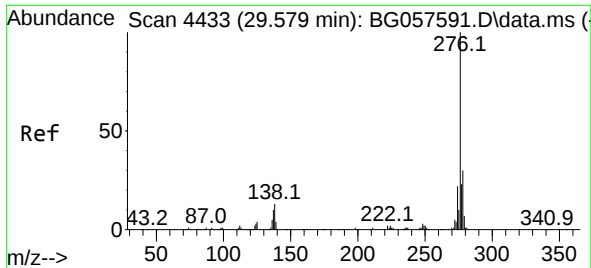
Ion Ratio Lower Upper

264 100

260 25.1 19.1 28.7

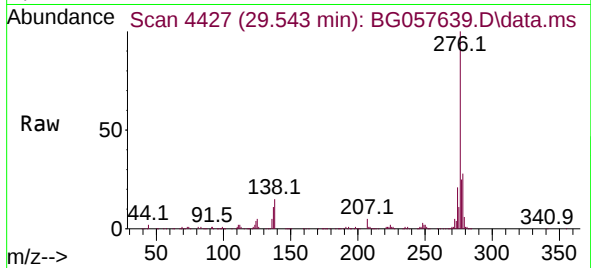
265 21.6 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.682 ng
RT: 29.543 min Scan# 4433
Delta R.T. -0.009 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

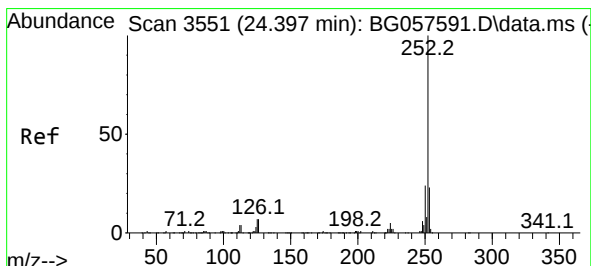
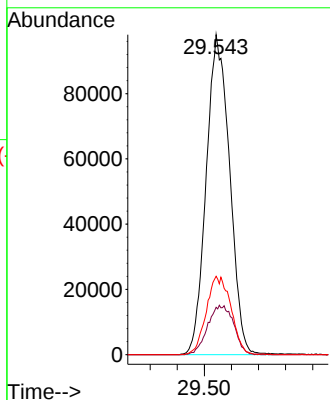
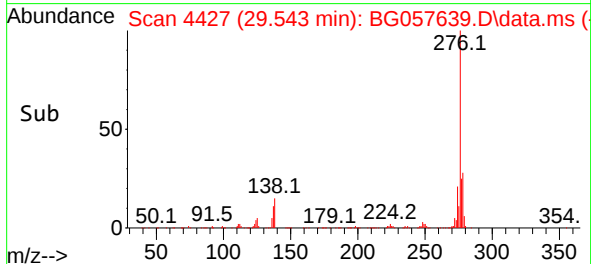
Instrument :
BNA_G
ClientSampleId :
PB153188BSD



Tgt Ion:276 Resp: 589130
Ion Ratio Lower Upper
276 100
138 17.1 12.3 18.5
277 13.9 20.5 30.7

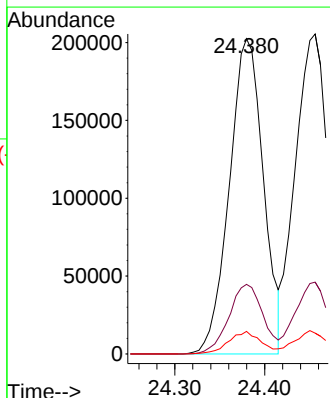
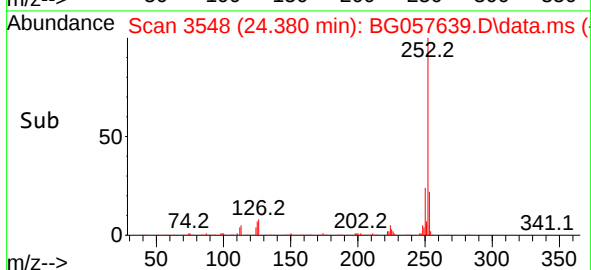
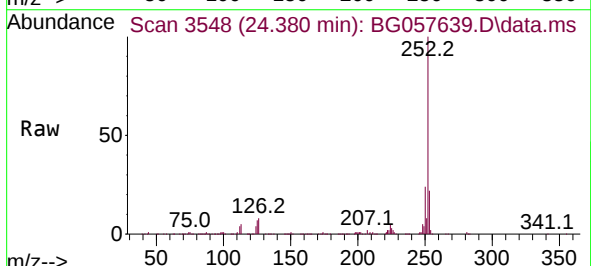
Manual Integrations
APPROVED

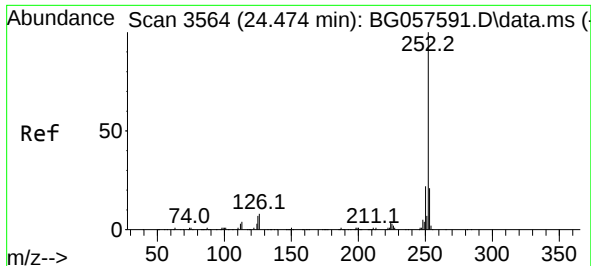
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#88
Benzo(b)fluoranthene
Concen: 51.926 ng
RT: 24.380 min Scan# 3548
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

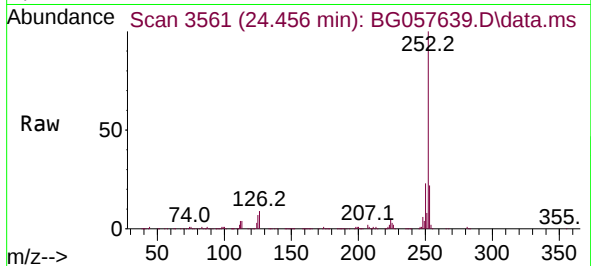
Tgt Ion:252 Resp: 532893
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 7.1 5.2 7.8





#89
Benzo(k)fluoranthene
Concen: 50.586 ng
RT: 24.456 min Scan# 31
Delta R.T. 0.009 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

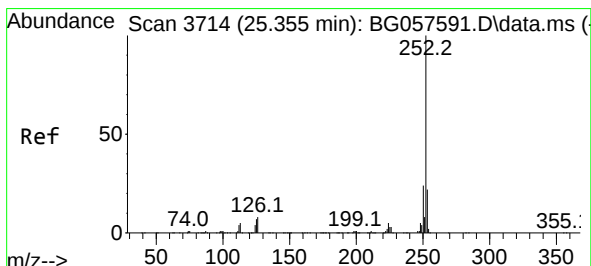
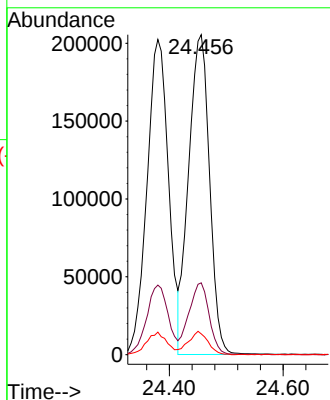
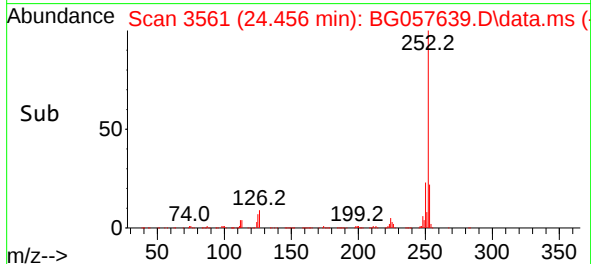
Instrument :
BNA_G
ClientSampleId :
PB153188BSD



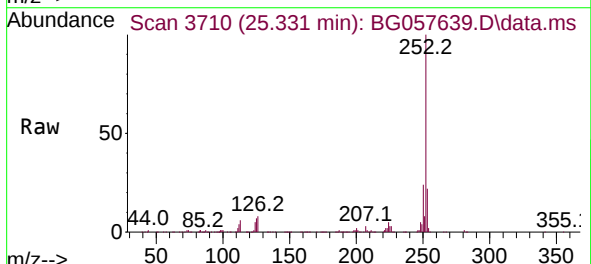
Tgt Ion:252 Resp: 523920
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 6.5 5.1 7.7

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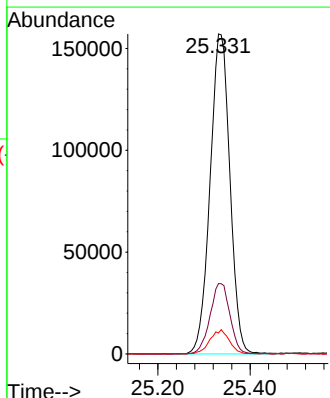
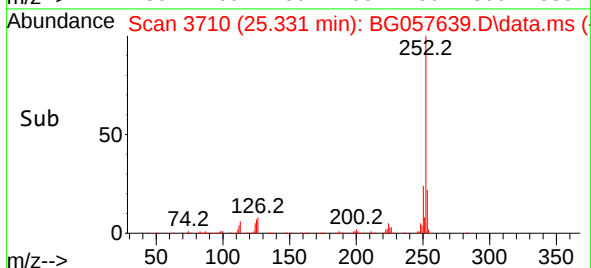
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

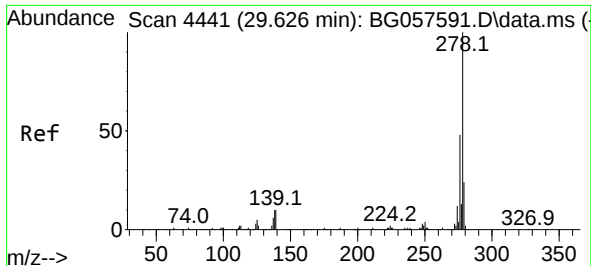


#90
Benzo(a)pyrene
Concen: 46.809 ng
RT: 25.331 min Scan# 3710
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05



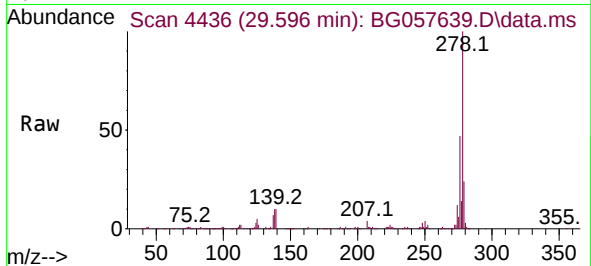
Tgt Ion:252 Resp: 468466
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 6.5 5.3 7.9





#91
Dibenzo(a,h)anthracene
Concen: 51.068 ng
RT: 29.596 min Scan# 4441
Delta R.T. 0.003 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05

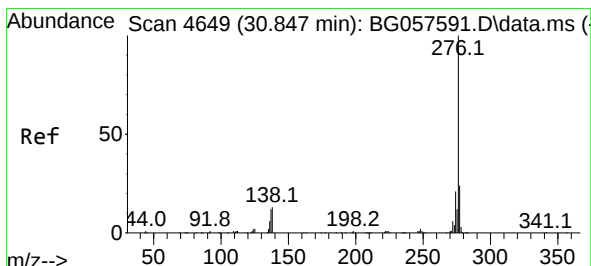
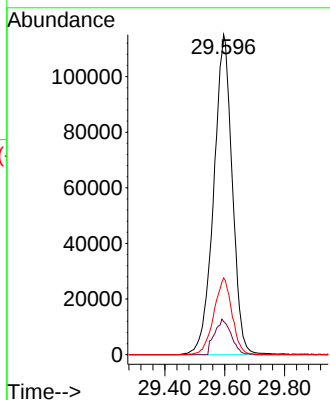
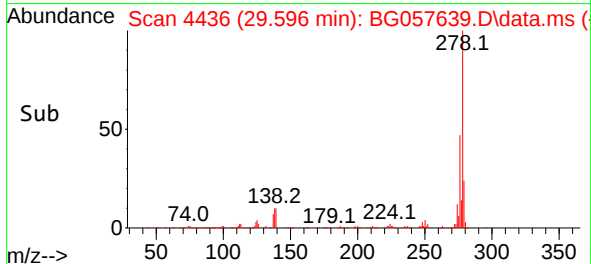
Instrument :
BNA_G
ClientSampleId :
PB153188BSD



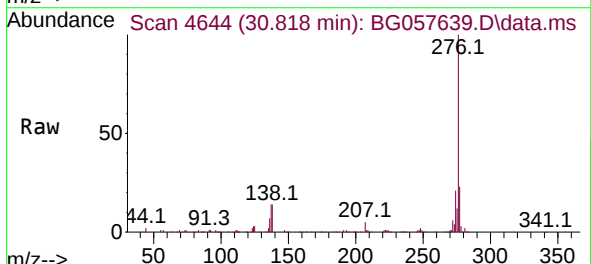
Tgt Ion:278 Resp: 49404
Ion Ratio Lower Upper
278 100
139 10.4 7.8 11.8
279 24.0 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023



#92
Benzo(g,h,i)perylene
Concen: 50.989 ng
RT: 30.818 min Scan# 4644
Delta R.T. 0.009 min
Lab File: BG057639.D
Acq: 6 Jun 2023 16:05



Tgt Ion:276 Resp: 481077
Ion Ratio Lower Upper
276 100
277 22.7 18.9 28.3
138 13.7 10.2 15.4

