

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
 Data File : BG057927.D
 Acq On : 30 Jun 2023 20:28
 Operator : CG/JU
 Sample : 03358-06MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SB-4-(22-26)MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/05/2023

Quant Time: Jul 01 02:19:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 01:12:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	39809	20.000	ng	-0.02
21) Naphthalene-d8	10.713	136	173326	20.000	ng	-0.01
39) Acenaphthene-d10	14.550	164	132373	20.000	ng	0.00
64) Phenanthrene-d10	17.294	188	323063	20.000	ng	0.00
76) Chrysene-d12	21.548	240	265603	20.000	ng	0.00
86) Perylene-d12	24.685	264	328371	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	277092	106.496	ng	0.00
7) Phenol-d6	7.082	99	400829	103.021	ng	0.00
23) Nitrobenzene-d5	9.074	82	228646	64.649	ng	-0.01
42) 2,4,6-Tribromophenol	16.037	330	210641	94.741	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	557129	64.228	ng	-0.01
79) Terphenyl-d14	19.909	244	1032719	70.885	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	47403	39.748	ng	97
3) Pyridine	3.774	79	120144	34.911	ng	99
4) n-Nitrosodimethylamine	3.692	42	58828	41.472	ng	# 90
6) Aniline	7.235	93	96473	19.848	ng	98
8) 2-Chlorophenol	7.476	128	124835	47.793	ng	97
9) Benzaldehyde	7.047	77	67763m	33.127	ng	
10) Phenol	7.106	94	179550	47.489	ng	99
11) bis(2-Chloroethyl)ether	7.335	93	118570	41.597	ng	96
12) 1,3-Dichlorobenzene	7.799	146	125123	46.572	ng	99
13) 1,4-Dichlorobenzene	7.946	146	125615	46.549	ng	98
14) 1,2-Dichlorobenzene	8.263	146	119959	45.934	ng	97
15) Benzyl Alcohol	8.152	79	122318	42.670	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.434	45	194050	40.884	ng	99
17) 2-Methylphenol	8.357	107	121908	43.492	ng	97
18) Hexachloroethane	8.992	117	43046	45.777	ng	98
19) n-Nitroso-di-n-propyla...	8.716	70	101781	39.094	ng	95
20) 3+4-Methylphenols	8.686	107	172035	44.052	ng	99
22) Acetophenone	8.733	105	203341	42.154	ng	99
24) Nitrobenzene	9.115	77	147832	41.644	ng	96
25) Isophorone	9.638	82	297594	38.972	ng	99
26) 2-Nitrophenol	9.826	139	66690	46.103	ng	97
27) 2,4-Dimethylphenol	9.885	122	129317	46.367	ng	98
28) bis(2-Chloroethoxy)met...	10.120	93	173510	42.282	ng	99
29) 2,4-Dichlorophenol	10.361	162	130859	47.844	ng	99
30) 1,2,4-Trichlorobenzene	10.578	180	130302	44.251	ng	99
31) Naphthalene	10.766	128	390441	42.200	ng	98
32) Benzoic acid	10.026	122	107943	49.484	ng	99
33) 4-Chloroaniline	10.872	127	61846	14.207	ng	98
34) Hexachlorobutadiene	11.048	225	79001	43.499	ng	99
35) Caprolactam	11.653	113	51513m	43.457	ng	
36) 4-Chloro-3-methylphenol	12.000	107	165413	45.553	ng	99
37) 2-Methylnaphthalene	12.376	142	281322	41.248	ng	98
38) 1-Methylnaphthalene	12.594	142	266870	41.410	ng	100
40) 1,2,4,5-Tetrachloroben...	12.740	216	158958	42.922	ng	98
41) Hexachlorocyclopentadiene	12.723	237	157480	79.101	ng	98
43) 2,4,6-Trichlorophenol	12.981	196	123692	45.310	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.058	196	138545	42.641	ng	96
46) 1,1'-Biphenyl	13.387	154	384784	42.676	ng	99
47) 2-Chloronaphthalene	13.428	162	299087	43.194	ng	98
48) 2-Nitroaniline	13.628	65	118478	42.943	ng	94
49) Acenaphthylene	14.274	152	507863	41.823	ng	100
50) Dimethylphthalate	14.004	163	417176	39.762	ng	98
51) 2,6-Dinitrotoluene	14.127	165	93168	42.769	ng	98
52) Acenaphthene	14.615	154	297168	41.891	ng	98
53) 3-Nitroaniline	14.456	138	47858	19.325	ng	94
54) 2,4-Dinitrophenol	14.662	184	87163	72.425	ng	93
55) Dibenzofuran	14.950	168	506180	41.601	ng	99
56) 4-Nitrophenol	14.767	139	165099	81.316	ng	99
57) 2,4-Dinitrotoluene	14.914	165	136097	43.056	ng	# 95
58) Fluorene	15.596	166	408051	41.550	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.173	232	127448	43.270	ng	99
60) Diethylphthalate	15.367	149	436569	39.475	ng	99
61) 4-Chlorophenyl-phenyle...	15.590	204	217685	41.326	ng	99
62) 4-Nitroaniline	15.619	138	97675	37.601	ng	99
63) Azobenzene	15.884	77	490715	46.399	ng	98
65) 4,6-Dinitro-2-methylph...	15.672	198	71547	41.154	ng	99
66) n-Nitrosodiphenylamine	15.802	169	361746	43.876	ng	99
67) 4-Bromophenyl-phenylether	16.483	248	151720	44.489	ng	96
68) Hexachlorobenzene	16.601	284	166155	46.139	ng	97
69) Atrazine	16.753	200	150872	49.274	ng	98
70) Pentachlorophenol	16.947	266	200571	72.829	ng	98
71) Phenanthrene	17.335	178	664821	42.869	ng	100
72) Anthracene	17.429	178	679550	42.487	ng	99
73) Carbazole	17.699	167	633298	41.643	ng	99
74) Di-n-butylphthalate	18.258	149	765000	40.700	ng	100
75) Fluoranthene	19.350	202	767159	39.267	ng	99
77) Benzidine	19.527	184	254219	40.797	ng	100
78) Pyrene	19.709	202	787381	41.518	ng	98
80) Butylbenzylphthalate	20.596	149	328202	42.677	ng	98
81) Benzo(a)anthracene	21.524	228	770189	41.902	ng	100
82) 3,3'-Dichlorobenzidine	21.448	252	152219	23.274	ng	100
83) Chrysene	21.595	228	712320	40.942	ng	99
84) Bis(2-ethylhexyl)phtha...	21.436	149	460297	42.157	ng	98
85) Di-n-octyl phthalate	22.617	149	826871	42.915	ng	97
87) Indeno(1,2,3-cd)pyrene	28.275	276	967158	44.461	ng	99
88) Benzo(b)fluoranthene	23.692	252	813557	45.425	ng	99
89) Benzo(k)fluoranthene	23.757	252	771932	42.645	ng	99
90) Benzo(a)pyrene	24.544	252	718648	40.507	ng	99
91) Dibenzo(a,h)anthracene	28.340	278	801982	44.444	ng	99
92) Benzo(g,h,i)perylene	29.397	276	794787	44.319	ng	99

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

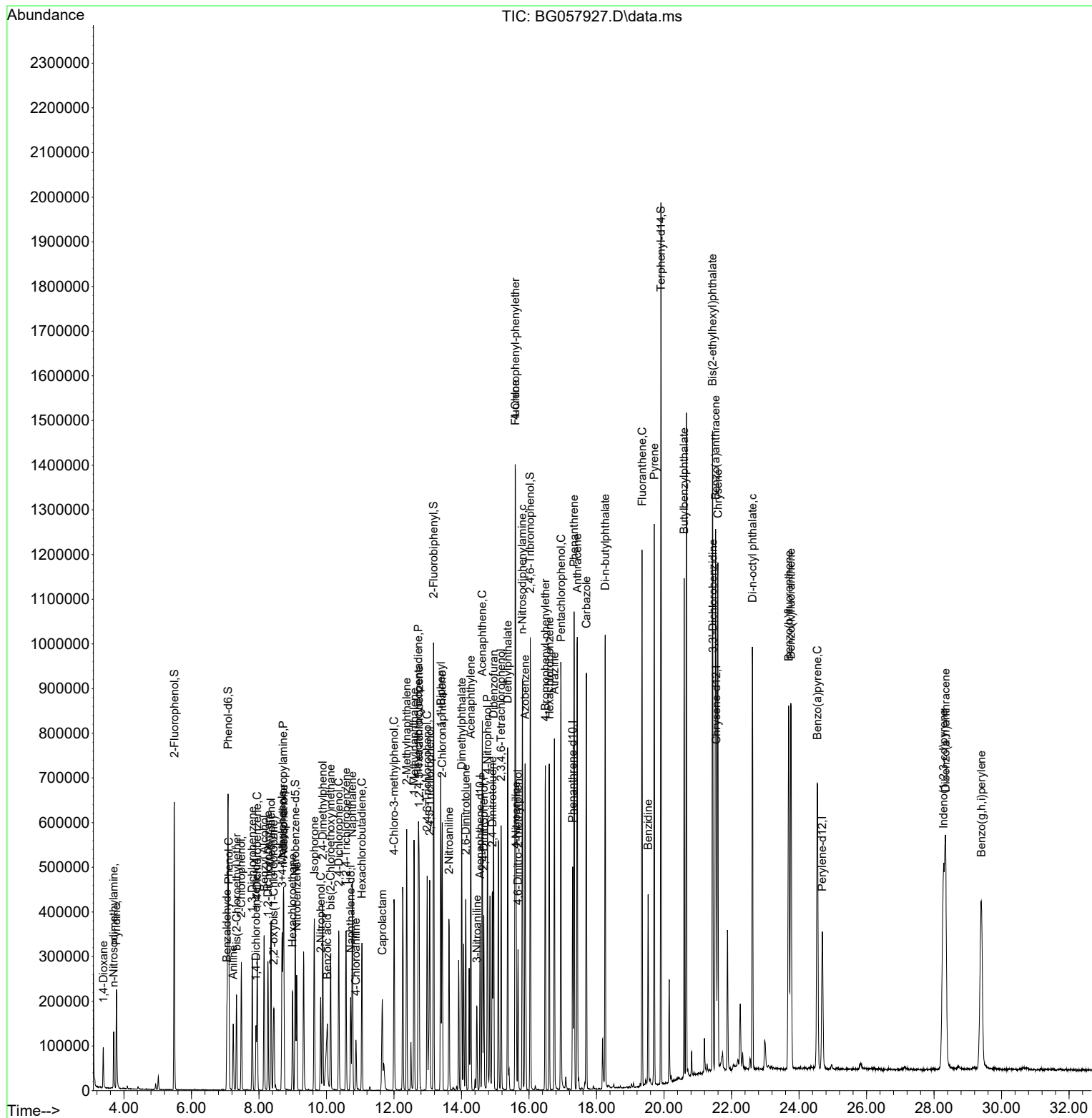
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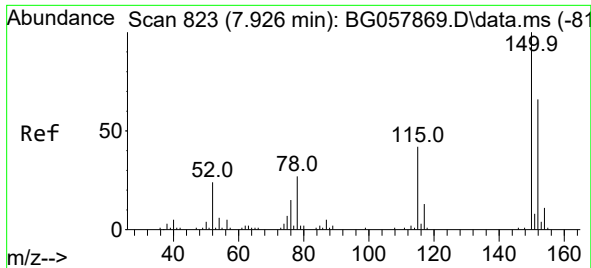
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 BNA_G
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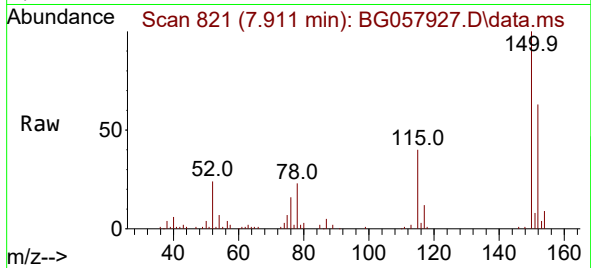
Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/05/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 81
Delta R.T. -0.015 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

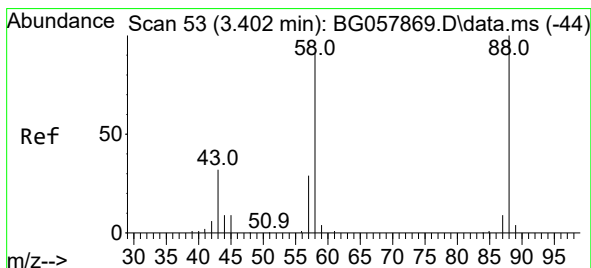
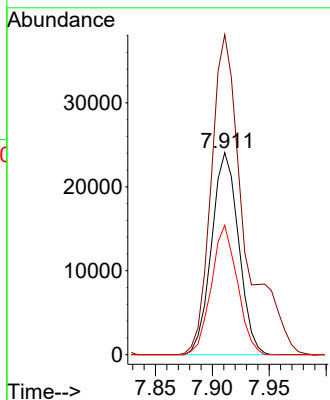
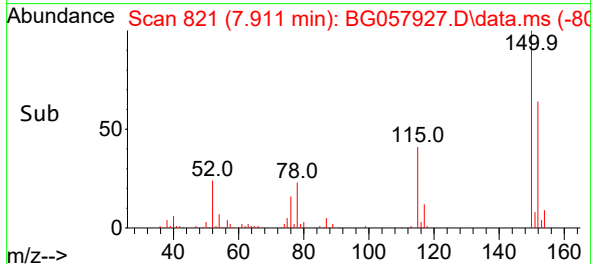
Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)MSD



Tgt Ion:152 Resp: 39809
Ion Ratio Lower Upper
152 100
150 158.4 122.0 183.0
115 64.1 50.7 76.1

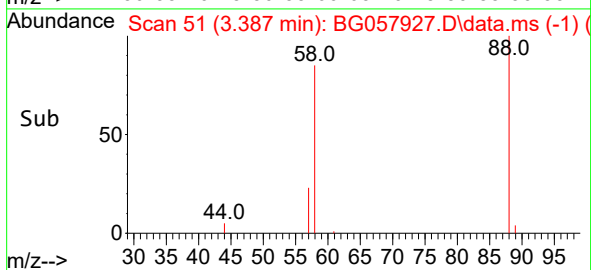
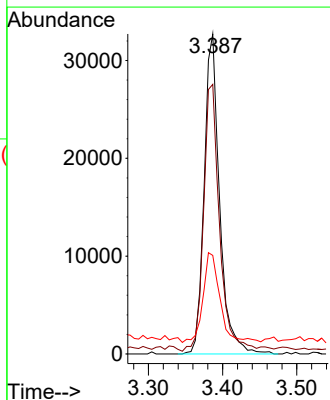
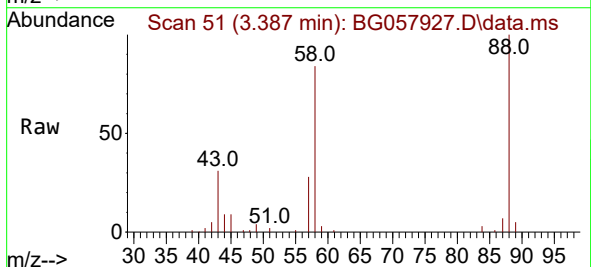
Manual Integrations
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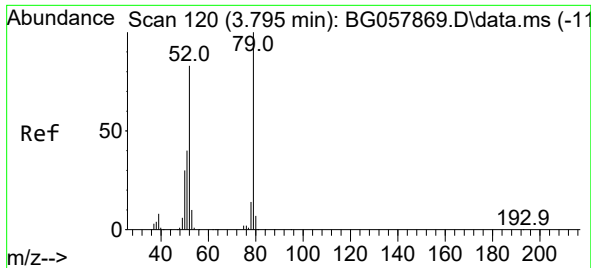
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023



#2
1,4-Dioxane
Concen: 39.748 ng
RT: 3.387 min Scan# 51
Delta R.T. -0.015 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

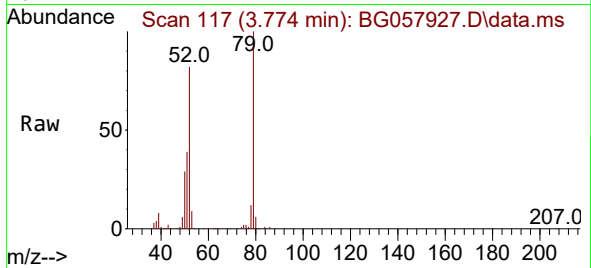
Tgt Ion: 88 Resp: 47403
Ion Ratio Lower Upper
88 100
58 86.0 70.7 106.1
43 30.7 22.9 34.3





#3
Pyridine
Concen: 34.911 ng
RT: 3.774 min Scan# 117
Delta R.T. -0.021 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

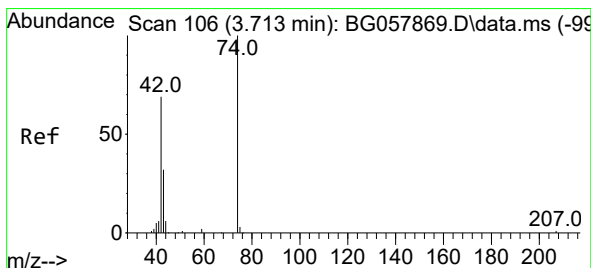
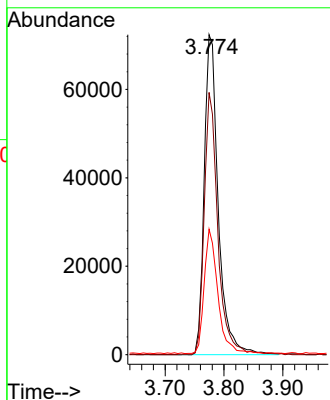
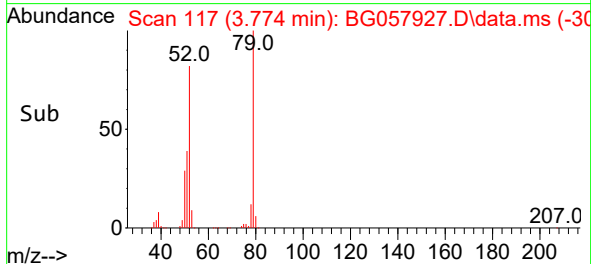
Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)MSD



Tgt Ion: 79 Resp: 120144
Ion Ratio Lower Upper
79 100
52 81.9 66.6 99.8
51 39.2 32.2 48.2

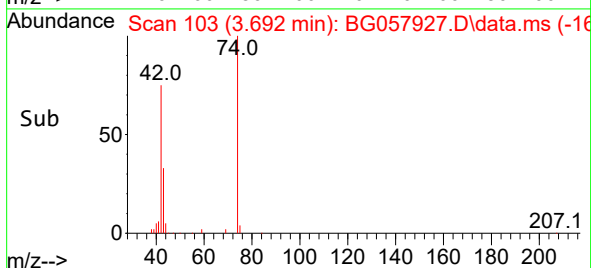
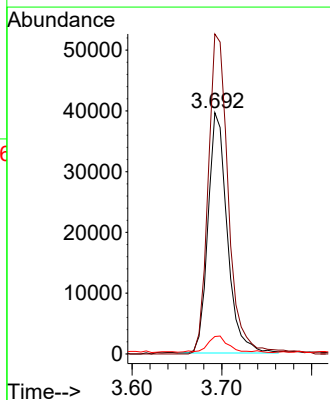
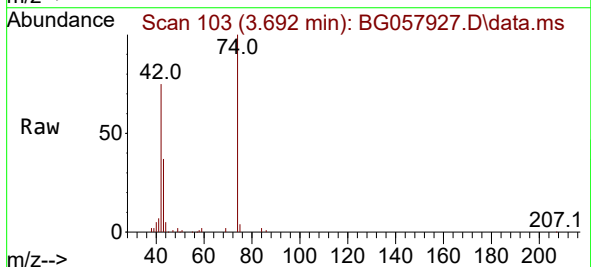
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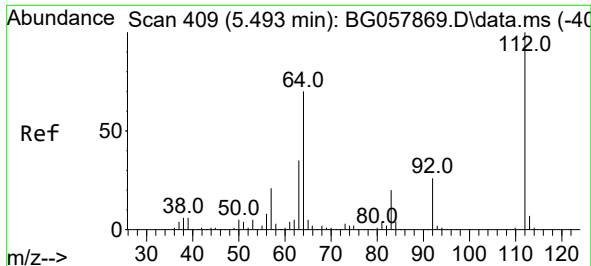
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023



#4
n-Nitrosodimethylamine
Concen: 41.472 ng
RT: 3.692 min Scan# 103
Delta R.T. -0.021 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Tgt Ion: 42 Resp: 58828
Ion Ratio Lower Upper
42 100
74 132.6 116.2 174.2
44 7.2 7.3 10.9#





#5
2-Fluorophenol
Concen: 106.496 ng
RT: 5.490 min Scan# 409
Delta R.T. -0.003 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

ClientSampleId :

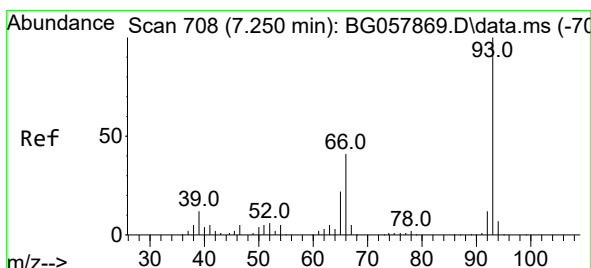
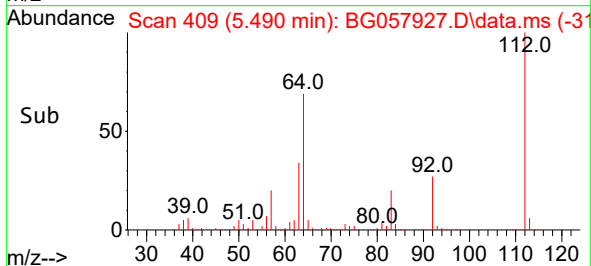
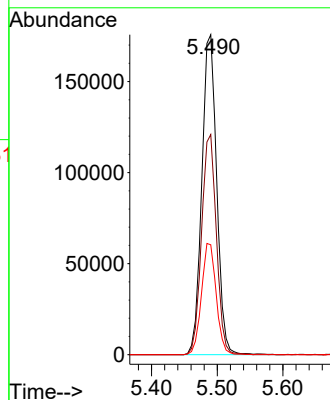
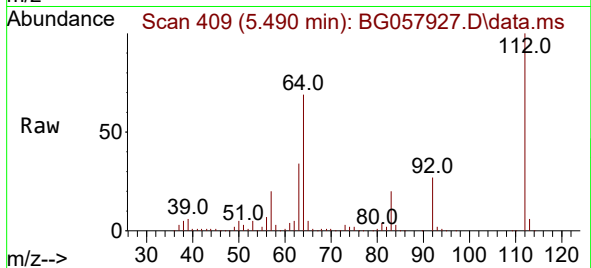
SB-4-(22-26)MSD

Tgt Ion:112 Resp: 277092
Ion Ratio Lower Upper
112 100
64 68.8 55.8 83.6
63 34.4 27.9 41.9

Manual Integrations

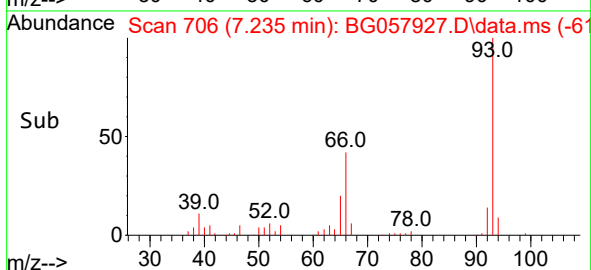
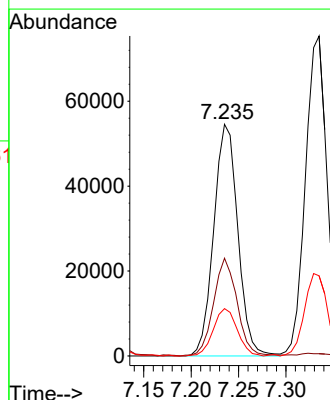
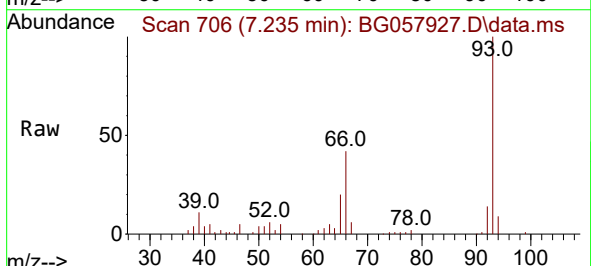
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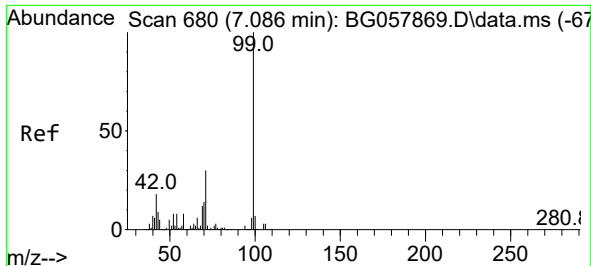
Reviewed By :Yogesh Patel 07/02/2023
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#6
Aniline
Concen: 19.848 ng
RT: 7.235 min Scan# 706
Delta R.T. -0.015 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

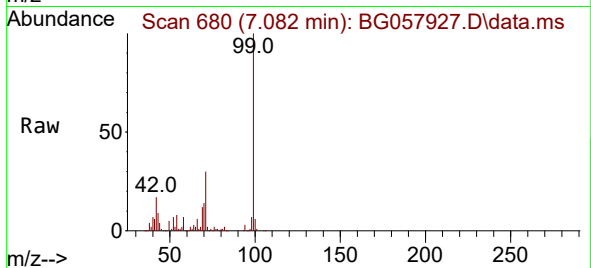
Tgt Ion: 93 Resp: 96473
Ion Ratio Lower Upper
93 100
66 42.2 32.8 49.2
65 20.4 17.7 26.5





#7
Phenol-d6
Concen: 103.021 ng
RT: 7.082 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

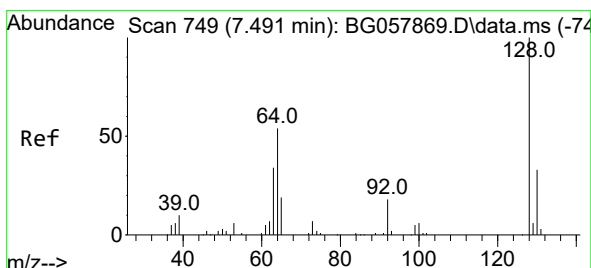
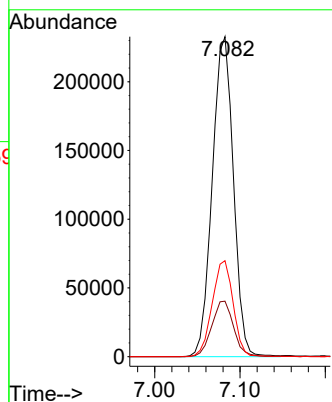
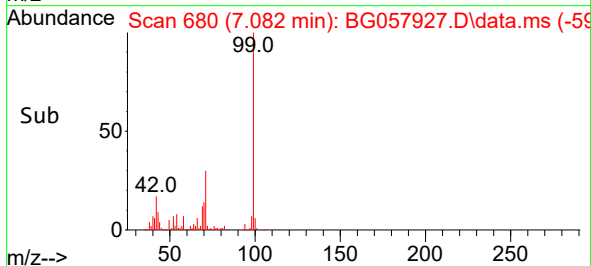
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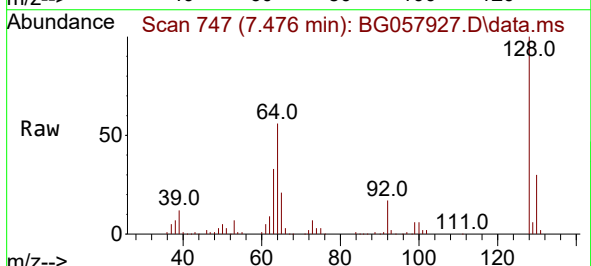
Tgt Ion: 99 Resp: 400829
Ion Ratio Lower Upper
99 100
42 17.4 14.2 21.4
71 30.0 23.9 35.9

Manual Integrations
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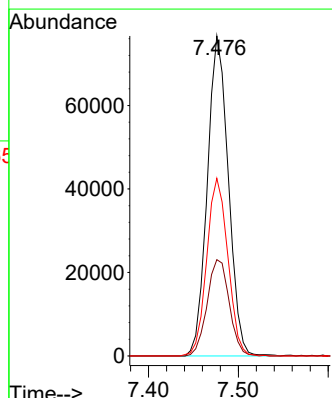
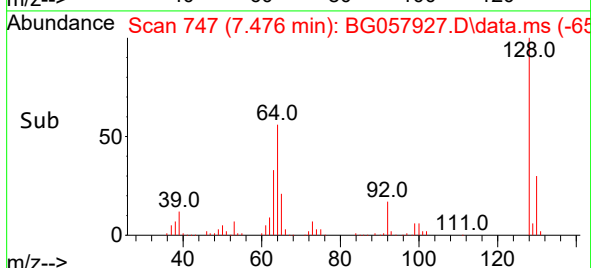
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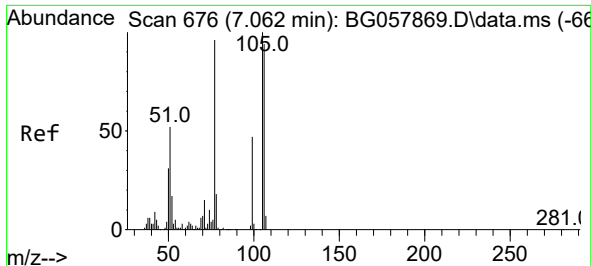


#8
2-Chlorophenol
Concen: 47.793 ng
RT: 7.476 min Scan# 747
Delta R.T. -0.015 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28



Tgt Ion:128 Resp: 124835
Ion Ratio Lower Upper
128 100
130 30.1 12.9 52.9
64 55.5 37.1 77.1





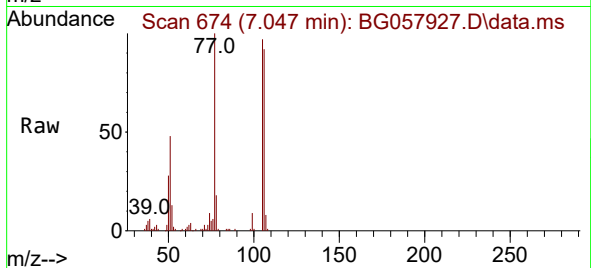
#9
Benzaldehyde
Concen: 33.127 ng m
RT: 7.047 min Scan# 61
Delta R.T. -0.015 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

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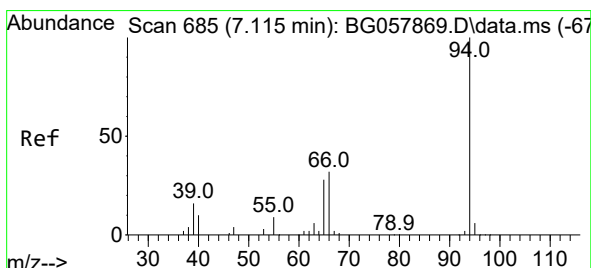
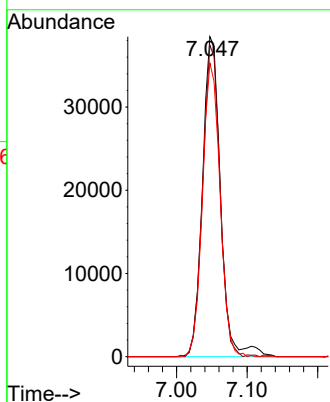
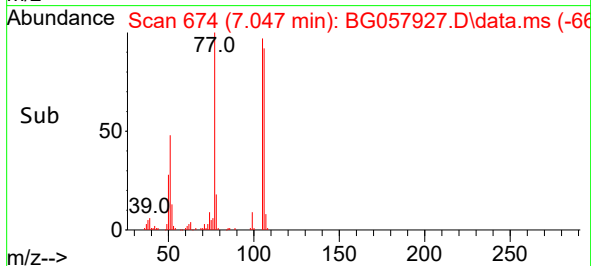


Tgt Ion: 77 Resp: 6776
Ion Ratio Lower Upper
77 100
105 97.4 83.7 123.7
106 91.8 77.4 117.4

Manual Integrations

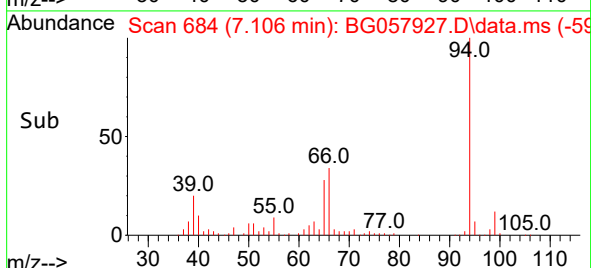
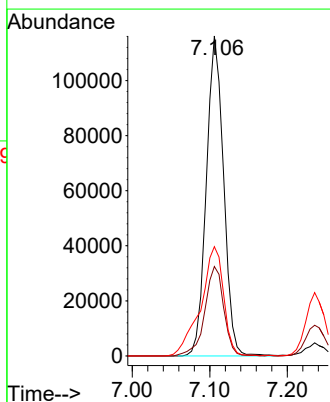
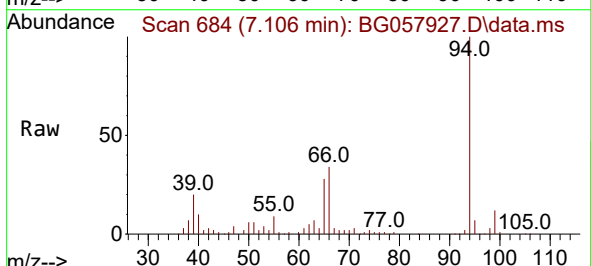
APPROVED

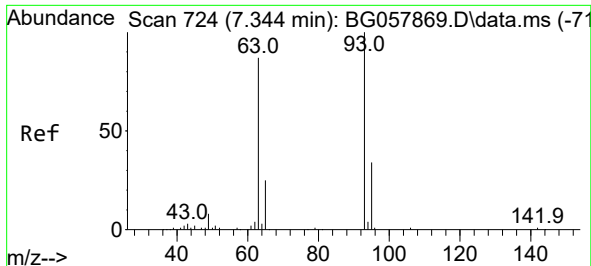
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023



#10
Phenol
Concen: 47.489 ng
RT: 7.106 min Scan# 684
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Tgt Ion: 94 Resp: 179550
Ion Ratio Lower Upper
94 100
65 27.9 7.8 47.8
66 34.2 13.6 53.6





#11

bis(2-Chloroethyl)ether

Concen: 41.597 ng

RT: 7.335 min Scan# 71

Delta R.T. -0.009 min

Lab File: BG057927.D

Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

ClientSampleId :

SB-4-(22-26)MSD

Tgt Ion: 93 Resp: 118570

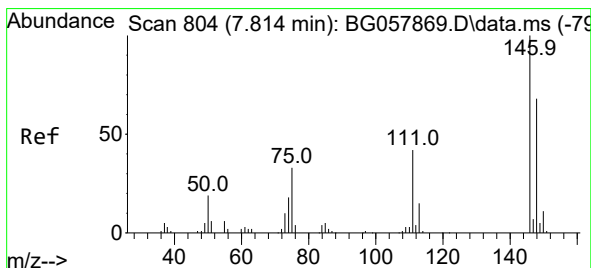
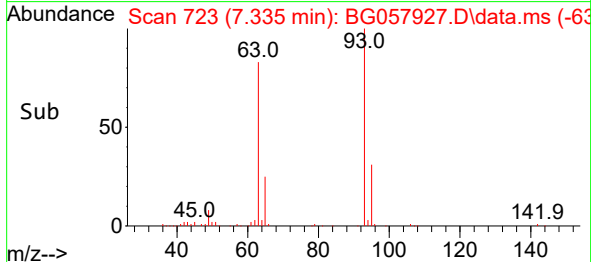
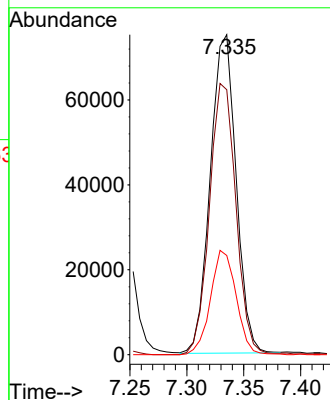
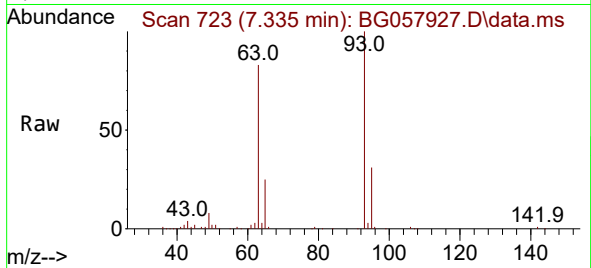
Ion	Ratio	Lower	Upper
93	100		
63	82.8	66.9	106.9
95	31.0	13.6	53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/05/2023



#12

1,3-Dichlorobenzene

Concen: 46.572 ng

RT: 7.799 min Scan# 802

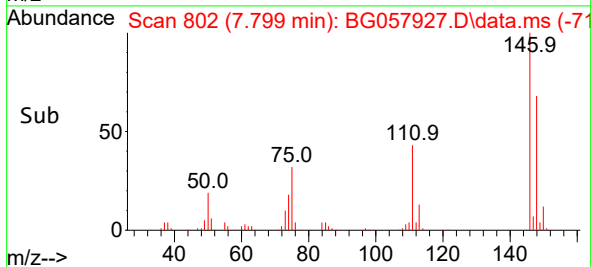
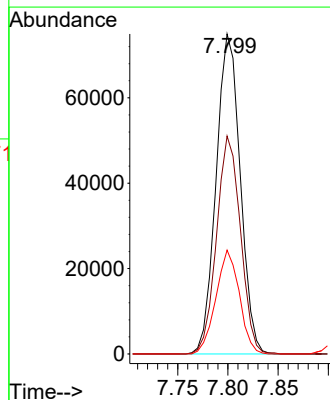
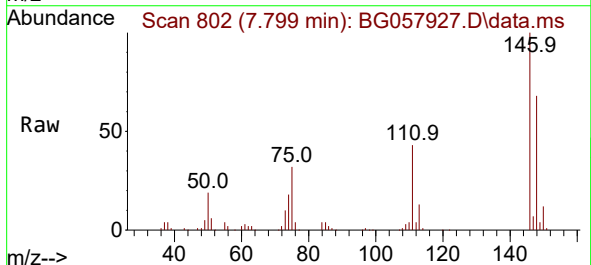
Delta R.T. -0.015 min

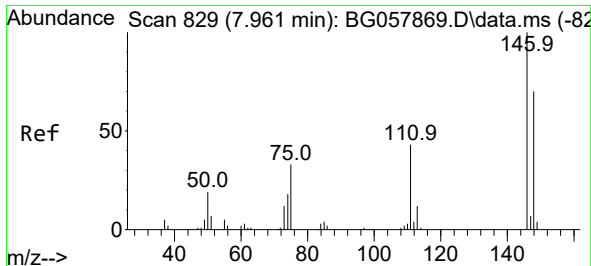
Lab File: BG057927.D

Acq: 30 Jun 2023 20:28

Tgt Ion:146 Resp: 125123

Ion	Ratio	Lower	Upper
146	100		
148	68.1	54.5	81.7
75	32.4	26.6	40.0





#13

1,4-Dichlorobenzene

Concen: 46.549 ng

RT: 7.946 min Scan# 81

Delta R.T. -0.015 min

Lab File: BG057927.D

Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

ClientSampleId :

SB-4-(22-26)MSD

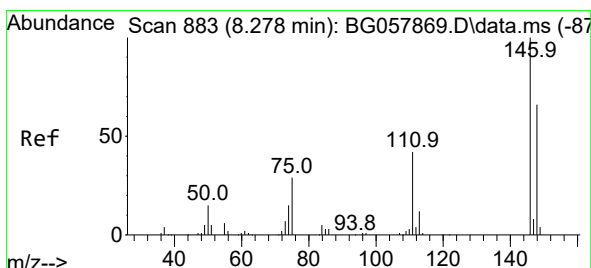
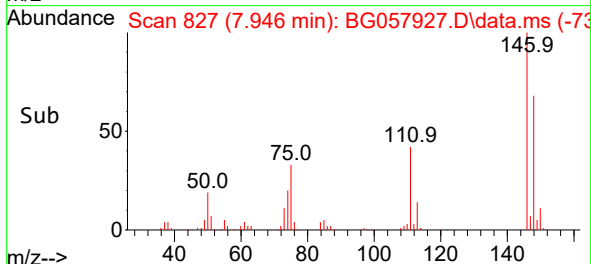
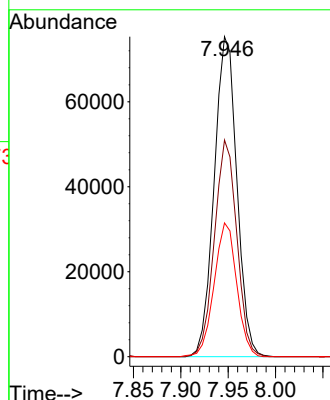
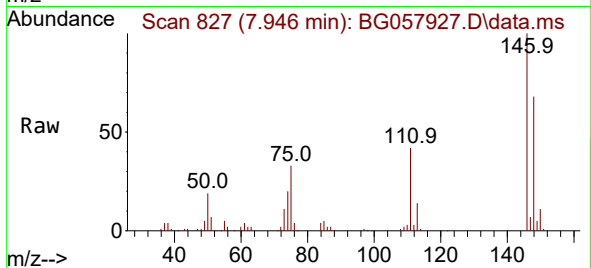
Tgt Ion:146 Resp: 12561

Ion	Ratio	Lower	Upper
146	100		
148	67.7	55.7	83.5
111	41.8	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023



#14

1,2-Dichlorobenzene

Concen: 45.934 ng

RT: 8.263 min Scan# 881

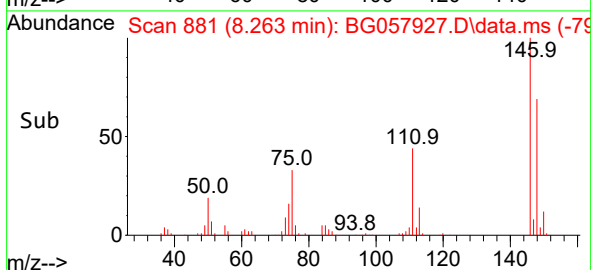
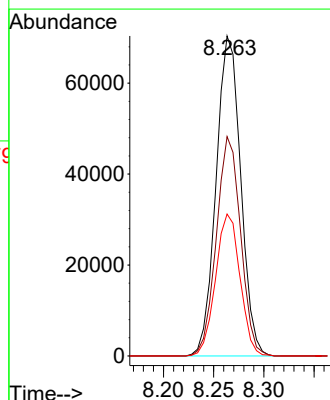
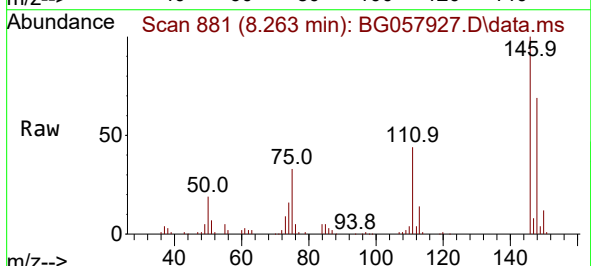
Delta R.T. -0.015 min

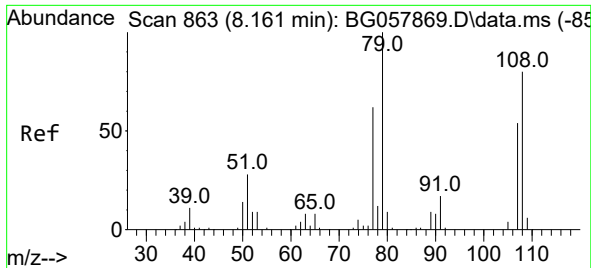
Lab File: BG057927.D

Acq: 30 Jun 2023 20:28

Tgt Ion:146 Resp: 119959

Ion	Ratio	Lower	Upper
146	100		
148	68.5	53.0	79.6
111	44.3	34.3	51.5





#15
Benzyl Alcohol
Concen: 42.670 ng
RT: 8.152 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

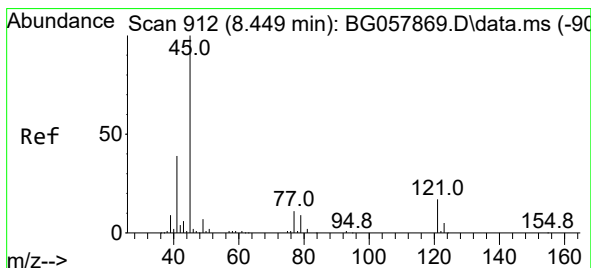
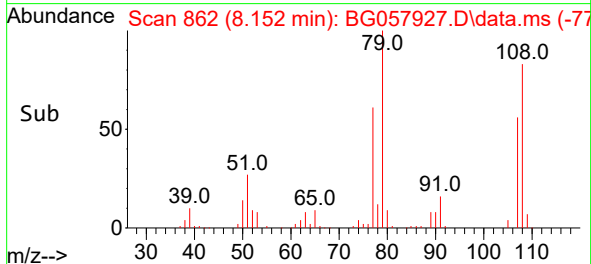
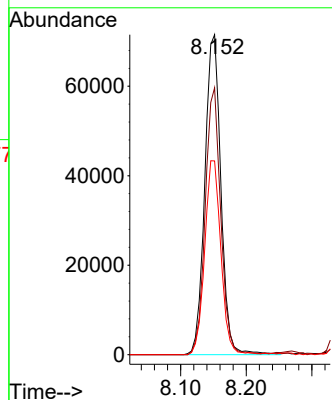
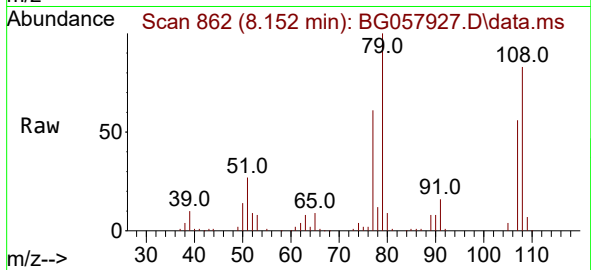
ClientSampleId :

SB-4-(22-26)MSD

Tgt Ion: 79 Resp: 122318
Ion Ratio Lower Upper
79 100
108 83.4 64.0 96.0
77 60.5 49.6 74.4

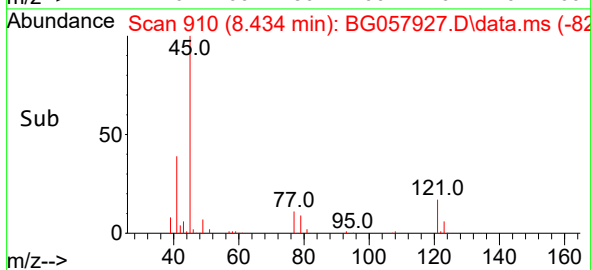
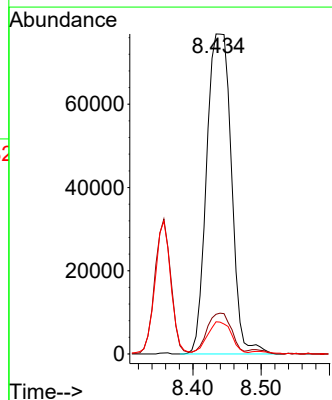
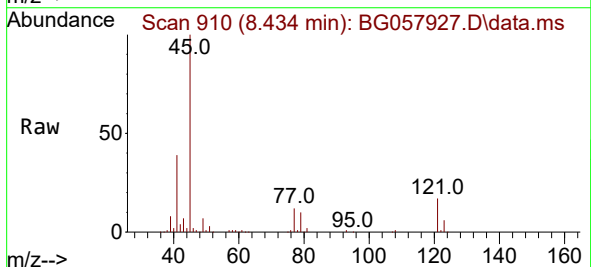
Manual Integrations
APPROVED

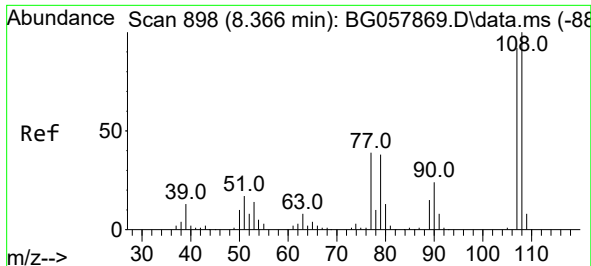
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.884 ng
RT: 8.434 min Scan# 910
Delta R.T. -0.015 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Tgt Ion: 45 Resp: 194050
Ion Ratio Lower Upper
45 100
77 12.4 0.0 32.1
79 10.0 0.0 29.8





#17
2-Methylphenol
Concen: 43.492 ng
RT: 8.357 min Scan# 898
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

ClientSampleId :

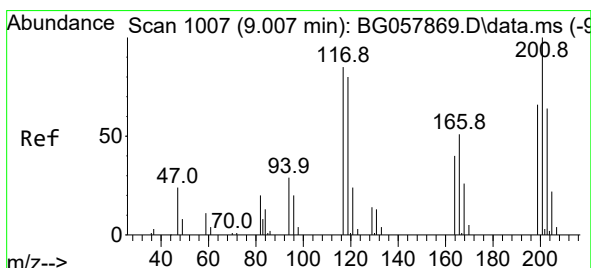
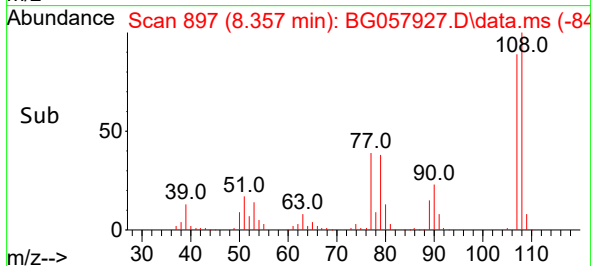
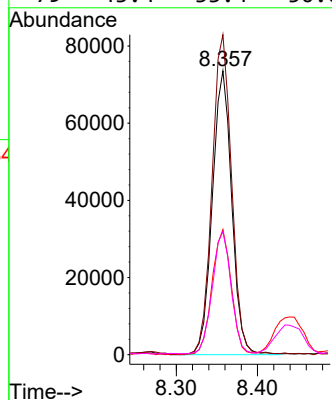
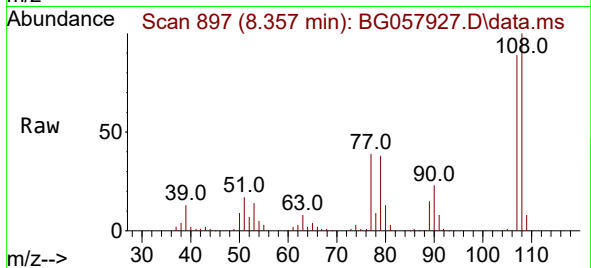
SB-4-(22-26)MSD

Tgt Ion:107 Resp: 121908
Ion Ratio Lower Upper
107 100
108 112.7 87.2 130.8
77 44.1 34.2 51.4
79 43.4 33.4 50.0

Manual Integrations

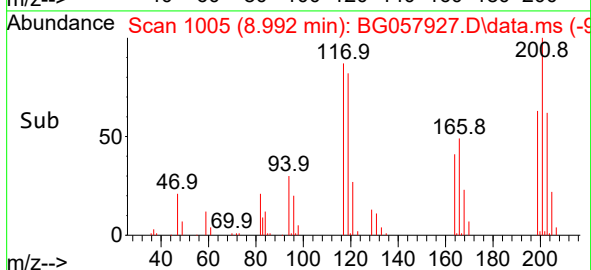
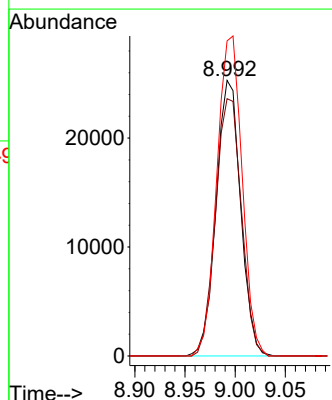
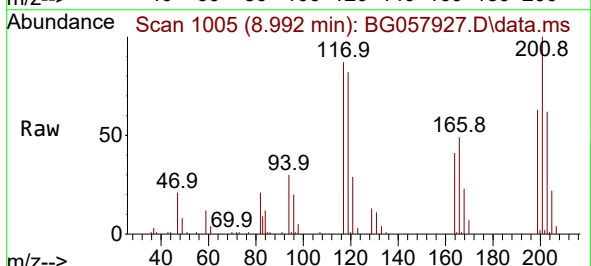
APPROVED

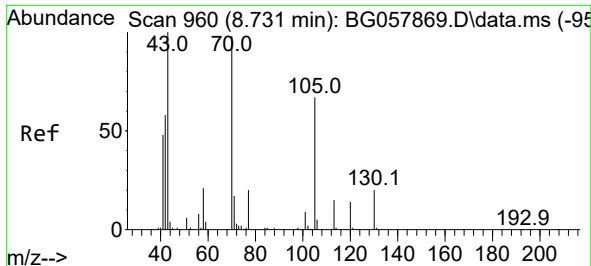
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023



#18
Hexachloroethane
Concen: 45.777 ng
RT: 8.992 min Scan# 1005
Delta R.T. -0.015 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

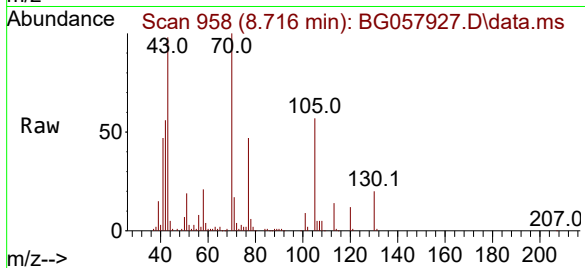
Tgt Ion:117 Resp: 43046
Ion Ratio Lower Upper
117 100
119 93.4 74.7 112.1
201 114.4 93.9 140.9





#19
n-Nitroso-di-n-propylamine
Concen: 39.094 ng
RT: 8.716 min Scan# 958
Delta R.T. -0.015 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

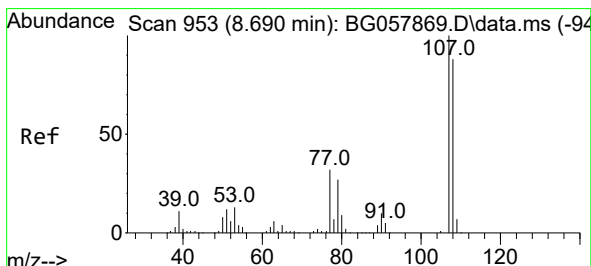
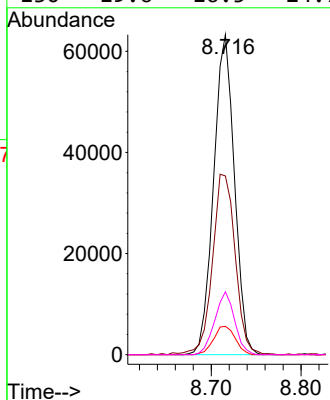
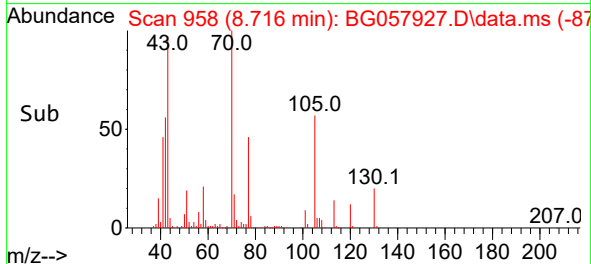
Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)MSD



Tgt Ion: 70 Resp: 10178
Ion Ratio Lower Upper
70 100
42 55.9 48.4 72.6
101 8.9 7.2 10.8
130 19.6 16.5 24.7

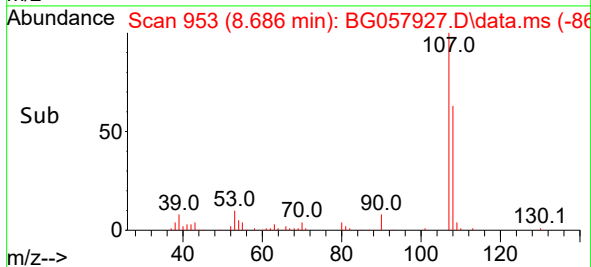
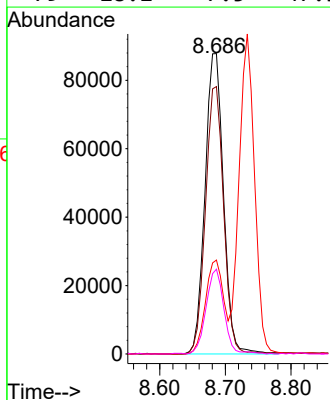
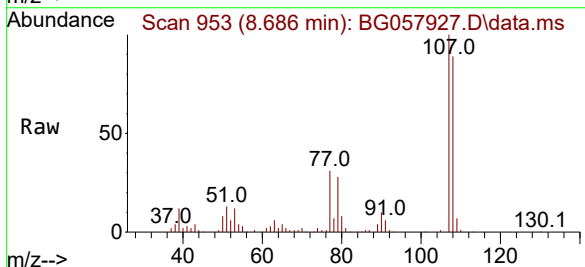
Manual Integrations
APPROVED

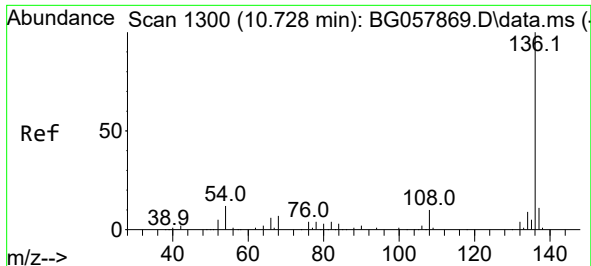
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023



#20
3+4-Methylphenols
Concen: 44.052 ng
RT: 8.686 min Scan# 953
Delta R.T. -0.003 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Tgt Ion:107 Resp: 172035
Ion Ratio Lower Upper
107 100
108 89.0 67.7 107.7
77 31.3 11.8 51.8
79 28.2 7.5 47.5





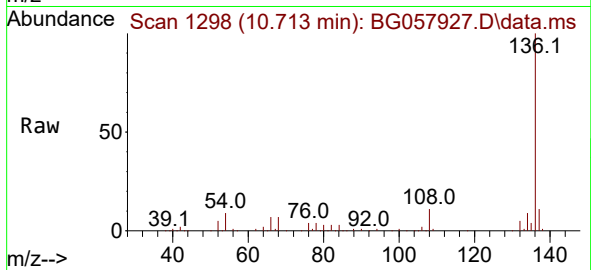
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.713 min Scan# 1298
Delta R.T. -0.015 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

ClientSampleId :

SB-4-(22-26)MSD

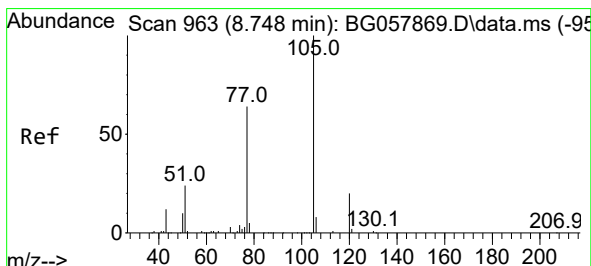
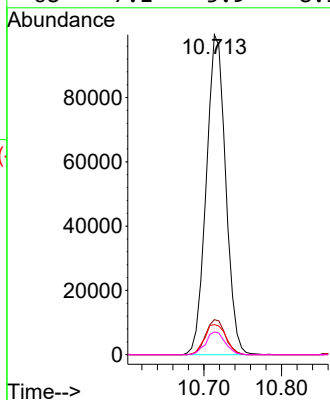
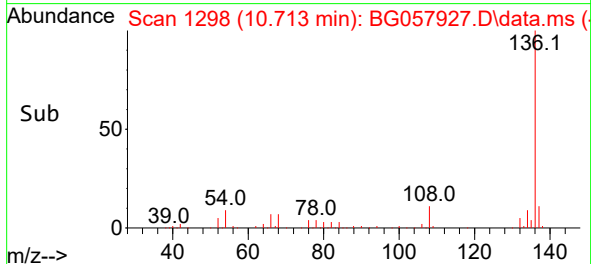


Tgt Ion:136 Resp: 173320
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.4 9.3 13.9
68 7.1 5.9 8.9

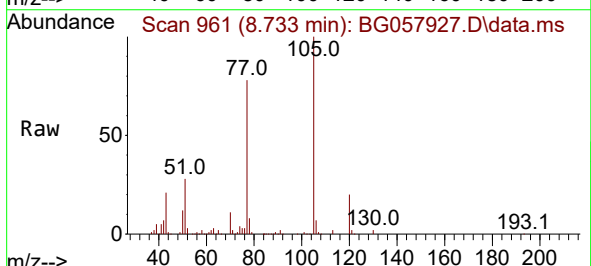
Manual Integrations

APPROVED

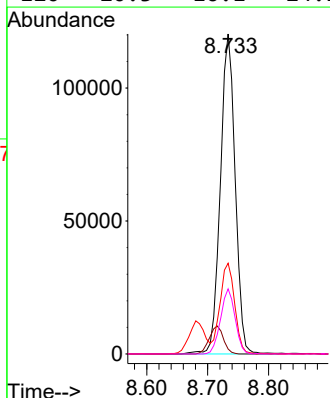
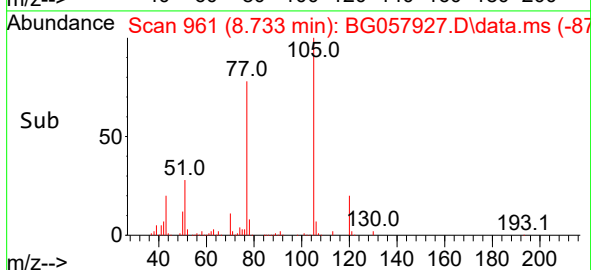
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023

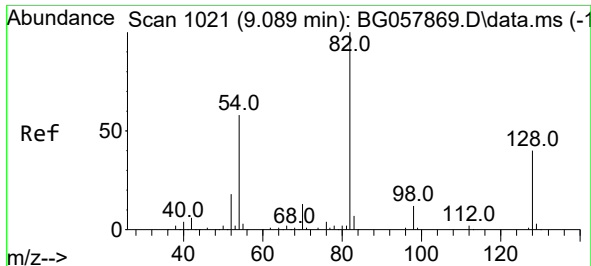


#22
Acetophenone
Concen: 42.154 ng
RT: 8.733 min Scan# 961
Delta R.T. -0.015 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28



Tgt Ion:105 Resp: 203341
Ion Ratio Lower Upper
105 100
71 1.5 1.1 1.7
51 28.4 23.0 34.6
120 20.3 16.1 24.1





#23

Nitrobenzene-d5

Concen: 64.649 ng

RT: 9.074 min Scan# 1019

Delta R.T. -0.015 min

Lab File: BG057927.D

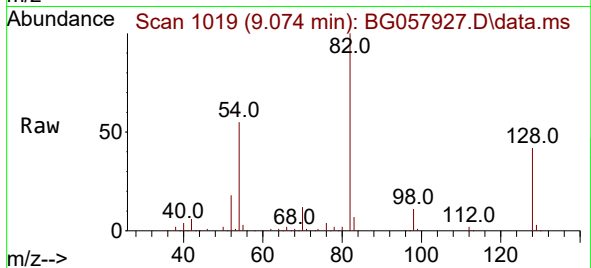
Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

ClientSampleId :

SB-4-(22-26)MSD



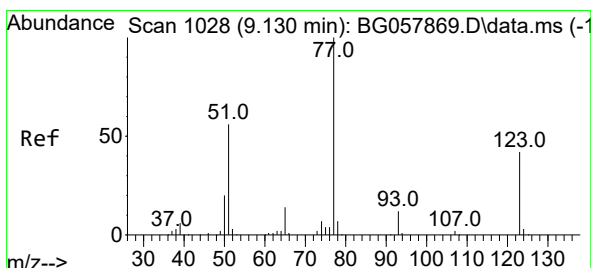
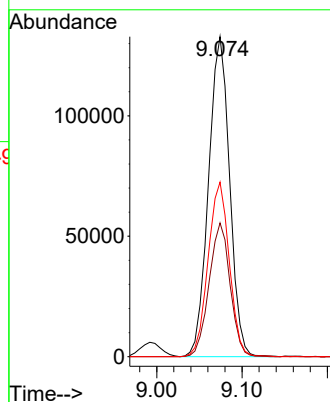
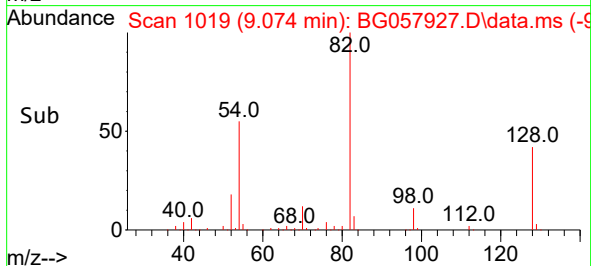
Tgt Ion: 82 Resp: 228640

Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.2	48.4
54	54.5	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023



#24

Nitrobenzene

Concen: 41.644 ng

RT: 9.115 min Scan# 1026

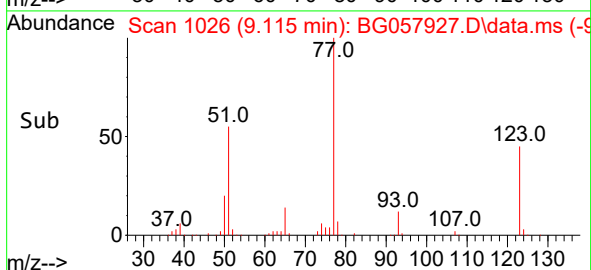
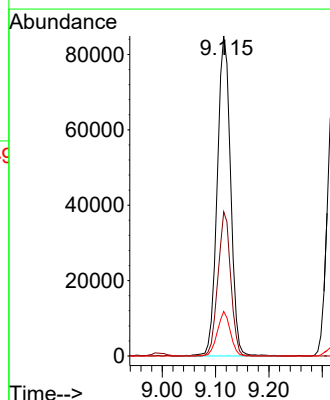
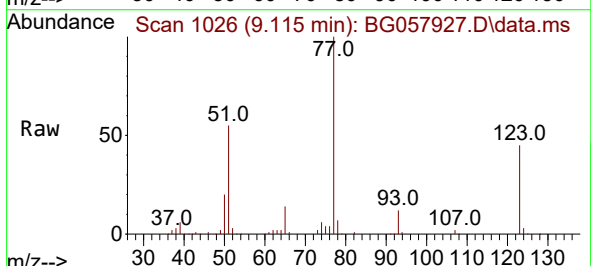
Delta R.T. -0.015 min

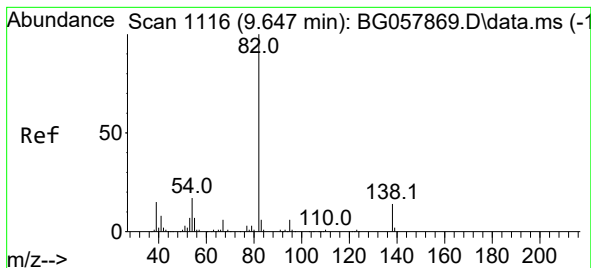
Lab File: BG057927.D

Acq: 30 Jun 2023 20:28

Tgt Ion: 77 Resp: 147832

Ion	Ratio	Lower	Upper
77	100		
123	45.1	33.6	50.4
65	13.9	11.4	17.0





#25

Isophorone

Concen: 38.972 ng

RT: 9.638 min Scan# 1115

Delta R.T. -0.009 min

Lab File: BG057927.D

Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

ClientSampleId :

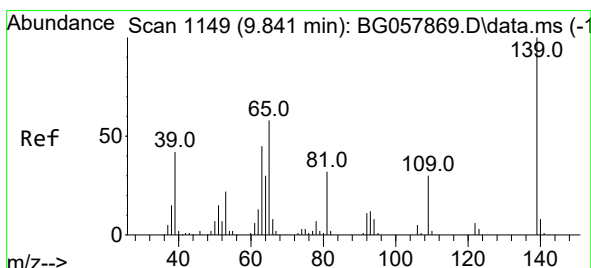
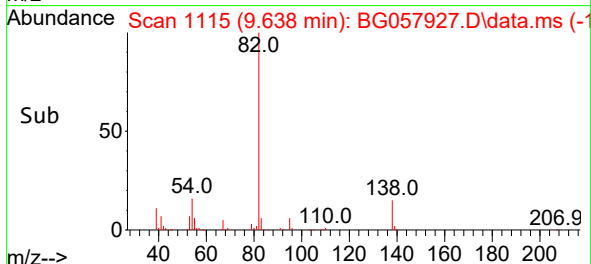
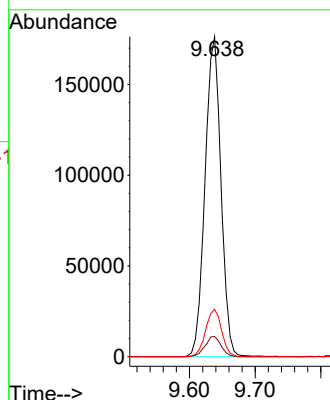
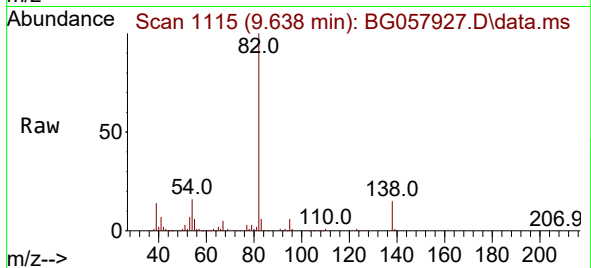
SB-4-(22-26)MSD

Tgt Ion:	82	Resp:	297594
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.0	7.6
138	14.8	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023



#26

2-Nitrophenol

Concen: 46.103 ng

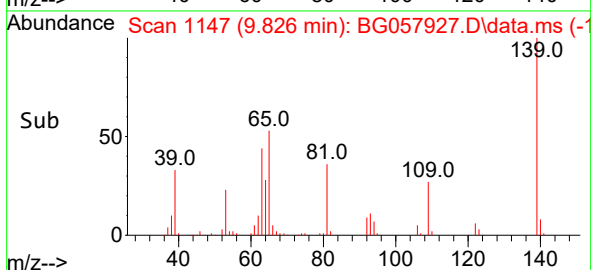
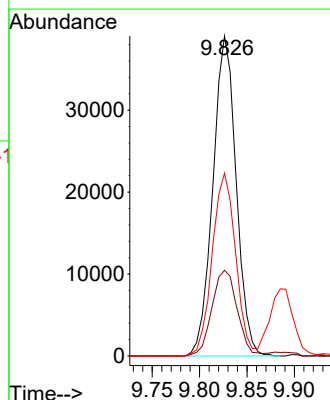
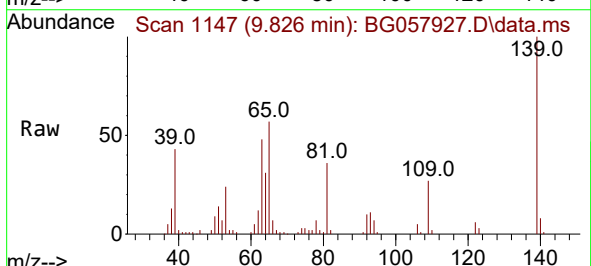
RT: 9.826 min Scan# 1147

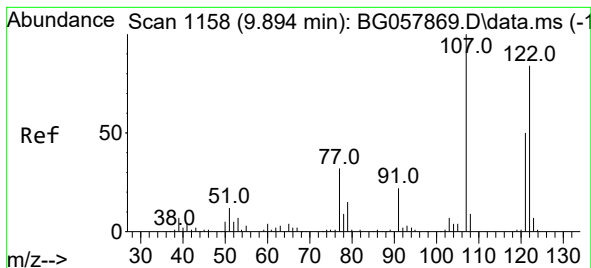
Delta R.T. -0.015 min

Lab File: BG057927.D

Acq: 30 Jun 2023 20:28

Tgt Ion:	139	Resp:	66690
Ion Ratio	Lower	Upper	
139	100		
109	26.7	23.7	35.5
65	57.1	46.6	69.8





#27

2,4-Dimethylphenol

Concen: 46.367 ng

RT: 9.885 min Scan# 1158

Delta R.T. -0.009 min

Lab File: BG057927.D

Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

ClientSampleId :

SB-4-(22-26)MSD

Tgt Ion:122 Resp: 12931

Ion Ratio Lower Upper

122 100

107 121.4 94.9 142.3

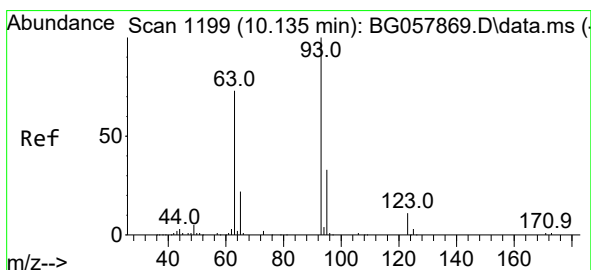
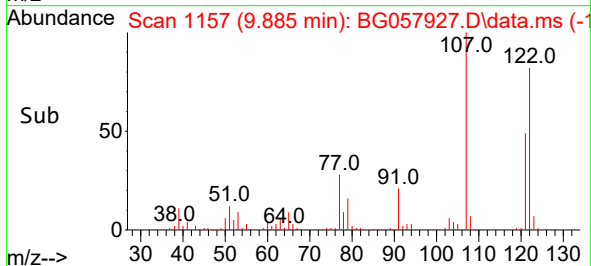
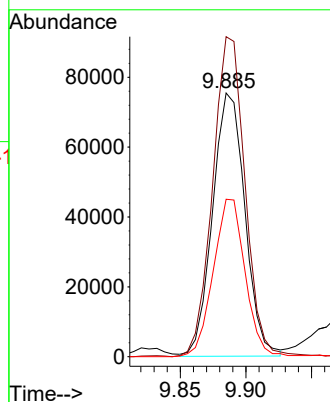
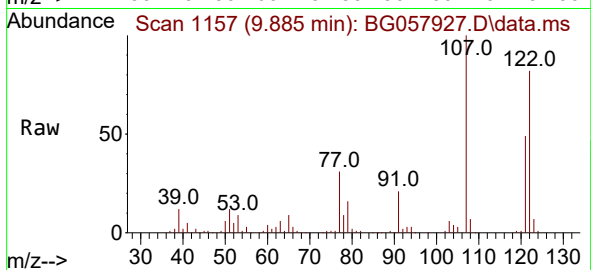
121 59.7 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/05/2023



#28

bis(2-Chloroethoxy)methane

Concen: 42.282 ng

RT: 10.120 min Scan# 1197

Delta R.T. -0.015 min

Lab File: BG057927.D

Acq: 30 Jun 2023 20:28

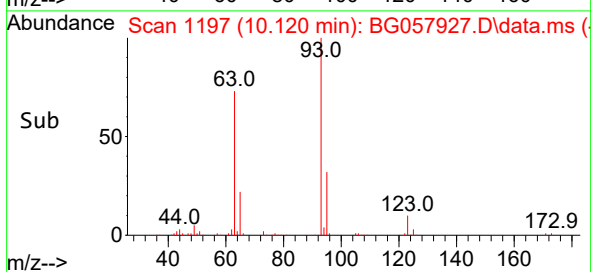
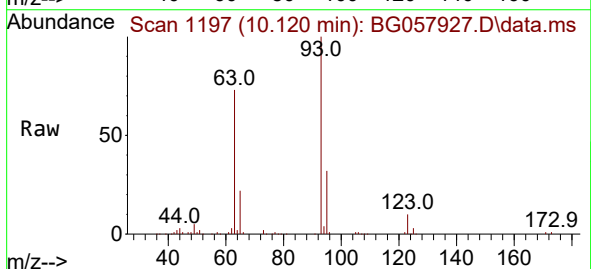
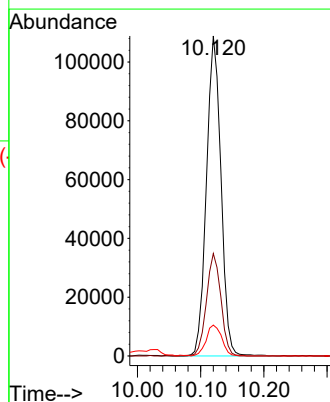
Tgt Ion: 93 Resp: 173510

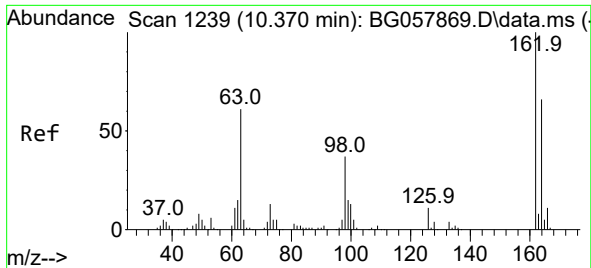
Ion Ratio Lower Upper

93 100

95 32.0 26.0 39.0

123 9.6 8.5 12.7





#29
2,4-Dichlorophenol
Concen: 47.844 ng
RT: 10.361 min Scan# 1238
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

ClientSampleId :

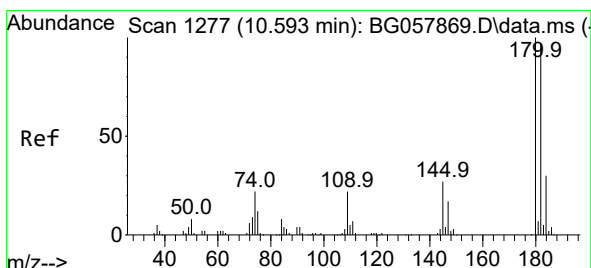
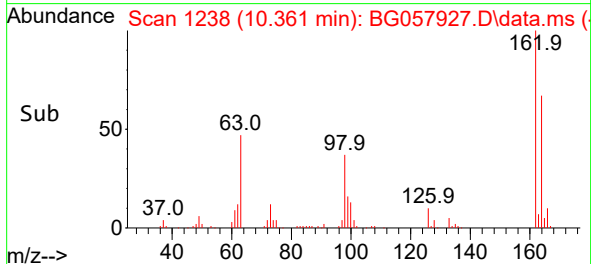
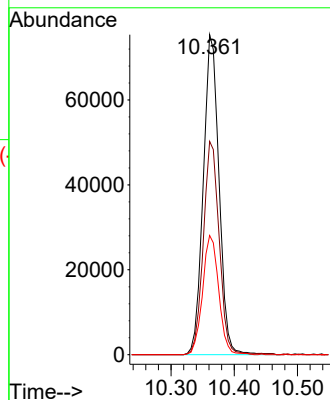
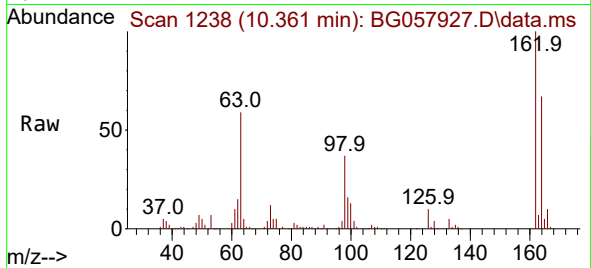
SB-4-(22-26)MSD

Tgt Ion:162 Resp: 130859
Ion Ratio Lower Upper
162 100
164 66.7 46.1 86.1
98 37.3 16.8 56.8

Manual Integrations

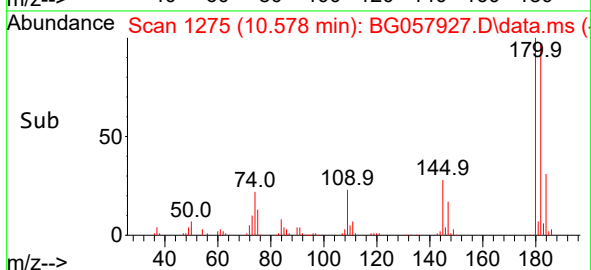
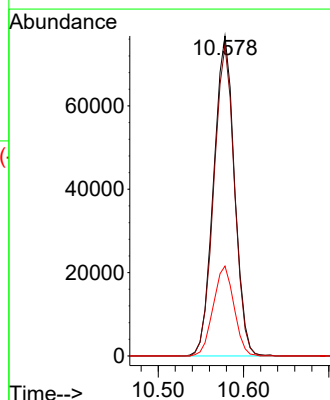
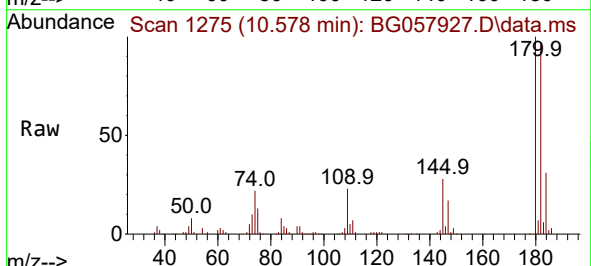
APPROVED

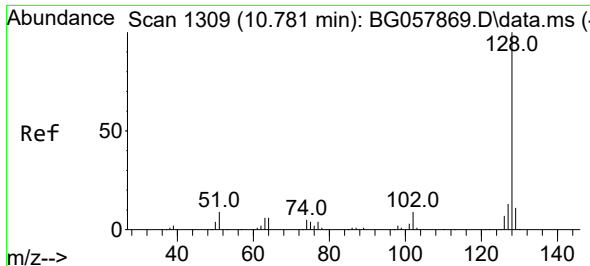
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023



#30
1,2,4-Trichlorobenzene
Concen: 44.251 ng
RT: 10.578 min Scan# 1275
Delta R.T. -0.015 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Tgt Ion:180 Resp: 130302
Ion Ratio Lower Upper
180 100
182 97.0 77.2 115.8
145 28.1 21.7 32.5





#31

Naphthalene

Concen: 42.200 ng

RT: 10.766 min Scan# 1181

Delta R.T. -0.015 min

Lab File: BG057927.D

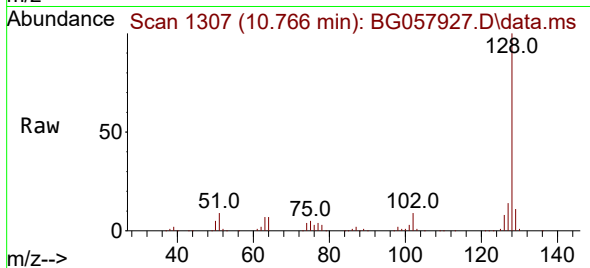
Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

ClientSampleId :

SB-4-(22-26)MSD



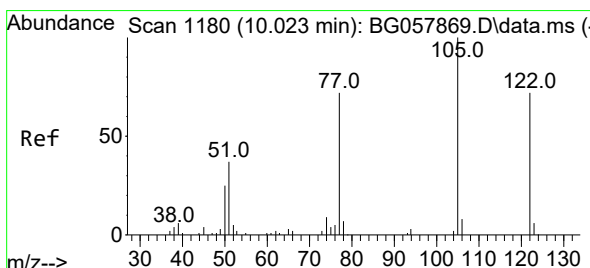
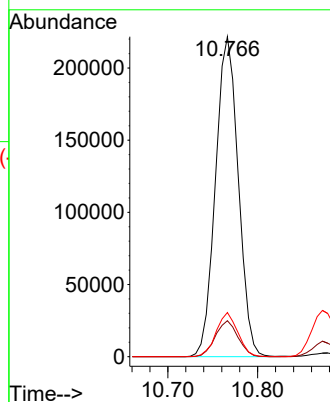
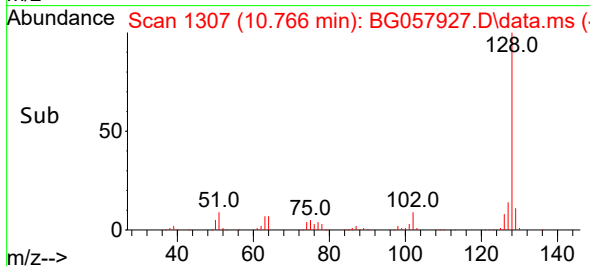
Tgt Ion:128 Resp: 39044

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.5	12.7
127	13.8	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023



#32

Benzoic acid

Concen: 49.484 ng

RT: 10.026 min Scan# 1181

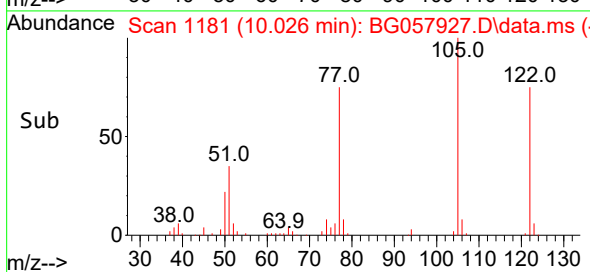
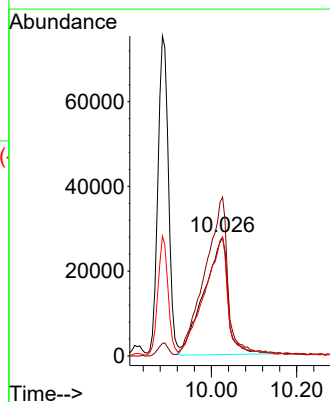
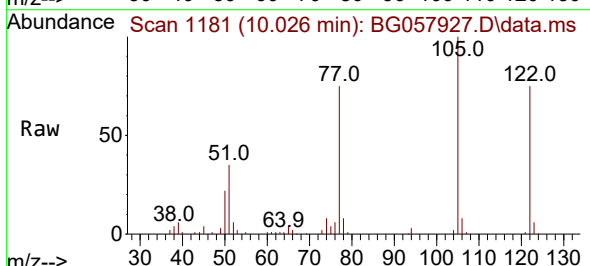
Delta R.T. 0.003 min

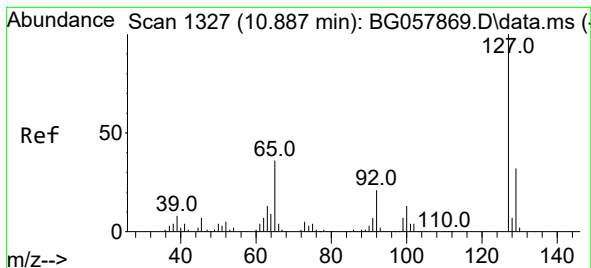
Lab File: BG057927.D

Acq: 30 Jun 2023 20:28

Tgt Ion:122 Resp: 107943

Ion	Ratio	Lower	Upper
122	100		
105	133.8	115.4	155.4
77	100.0	78.7	118.7





#33
4-Chloroaniline
Concen: 14.207 ng
RT: 10.872 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

ClientSampleId :

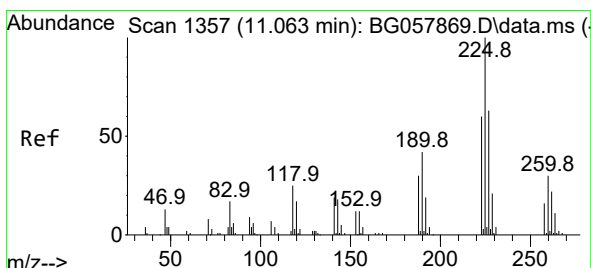
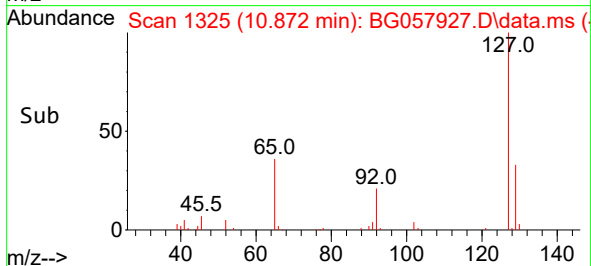
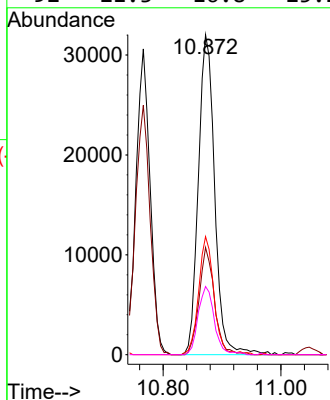
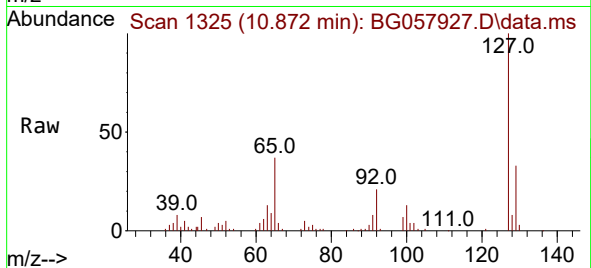
SB-4-(22-26)MSD

Tgt Ion:127 Resp: 61840
Ion Ratio Lower Upper
127 100
129 33.5 25.8 38.6
65 36.9 28.7 43.1
92 21.3 16.8 25.2

Manual Integrations

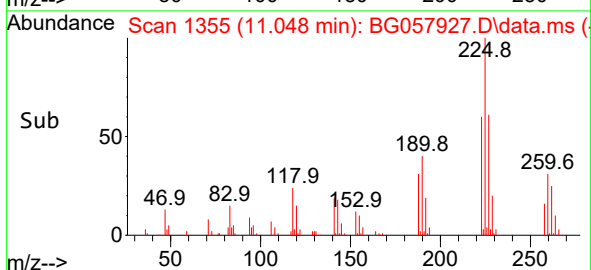
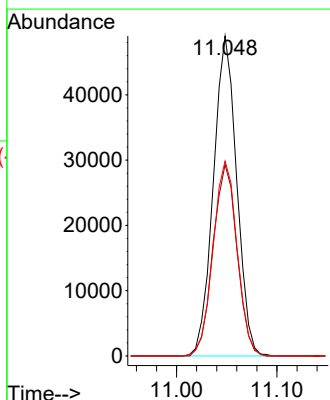
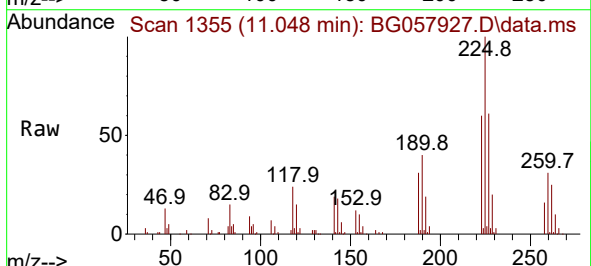
APPROVED

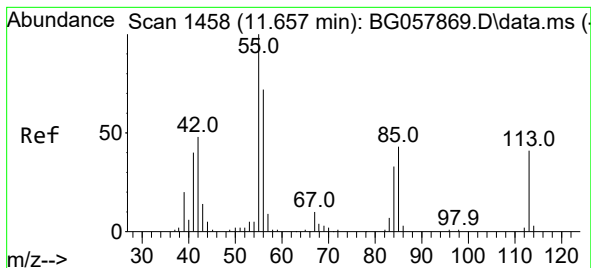
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023



#34
Hexachlorobutadiene
Concen: 43.499 ng
RT: 11.048 min Scan# 1355
Delta R.T. -0.015 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

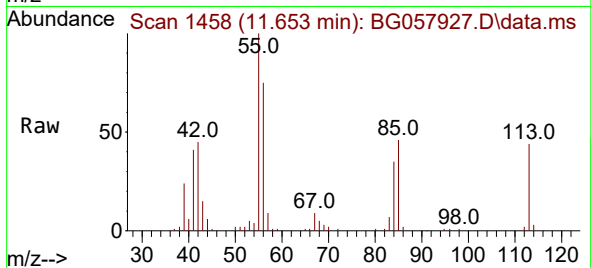
Tgt Ion:225 Resp: 79001
Ion Ratio Lower Upper
225 100
223 59.8 48.0 72.0
227 60.9 50.2 75.4





#35
 Caprolactam
 Concen: 43.457 ng m
 RT: 11.653 min Scan# 1458
 Delta R.T. -0.003 min
 Lab File: BG057927.D
 Acq: 30 Jun 2023 20:28

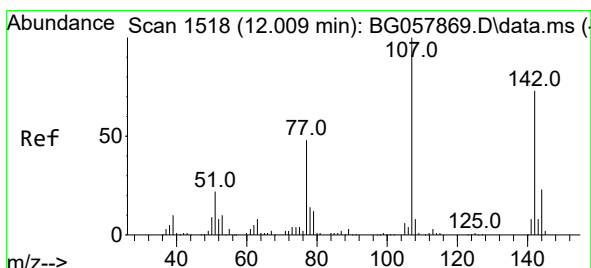
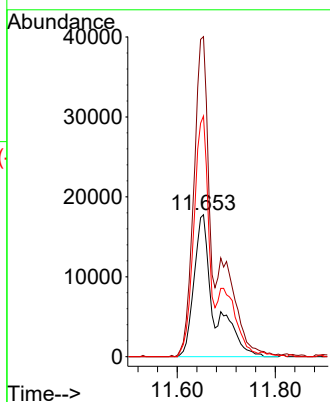
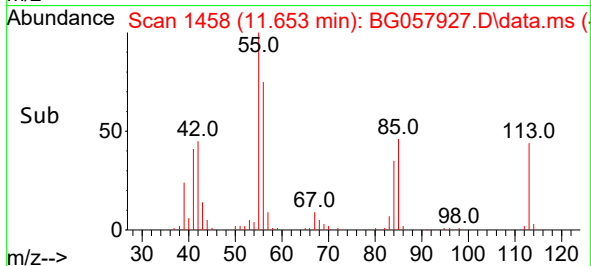
Instrument :
 BNA_G
 ClientSampleId :
 SB-4-(22-26)MSD



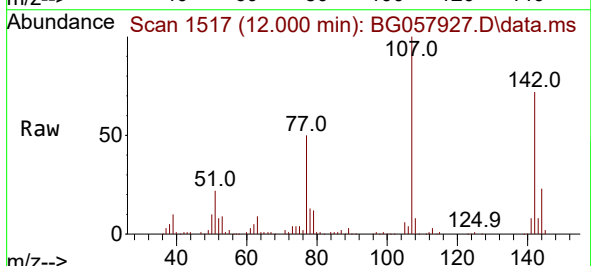
Tgt Ion:113 Resp: 5151
 Ion Ratio Lower Upper
 113 100
 55 225.3 224.7 264.7
 56 169.4 155.9 195.9

Manual Integrations
 APPROVED

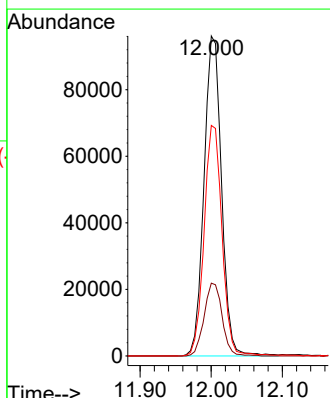
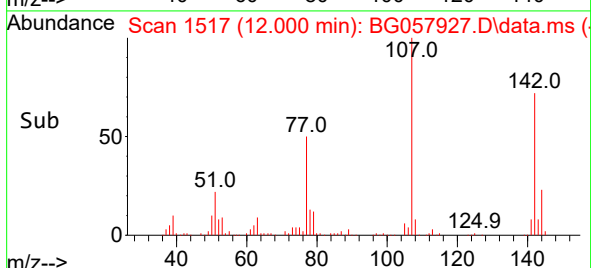
Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/05/2023

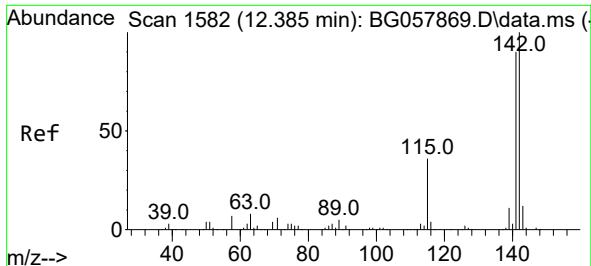


#36
 4-Chloro-3-methylphenol
 Concen: 45.553 ng
 RT: 12.000 min Scan# 1517
 Delta R.T. -0.009 min
 Lab File: BG057927.D
 Acq: 30 Jun 2023 20:28



Tgt Ion:107 Resp: 165413
 Ion Ratio Lower Upper
 107 100
 144 22.7 18.2 27.4
 142 72.1 58.2 87.4





#37

2-Methylnaphthalene

Concen: 41.248 ng

RT: 12.376 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG057927.D

Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

ClientSampleId :

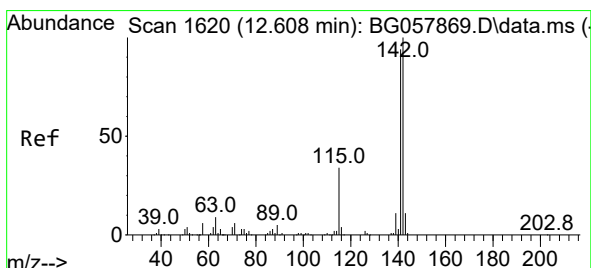
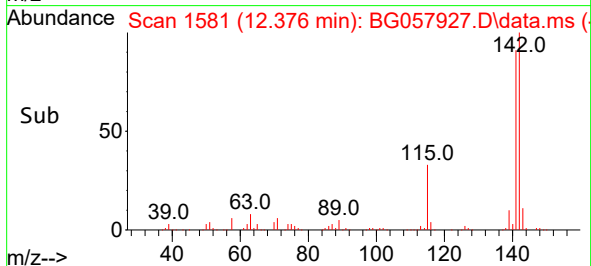
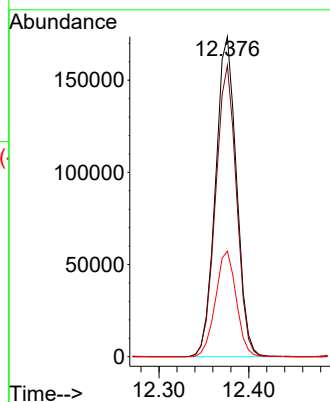
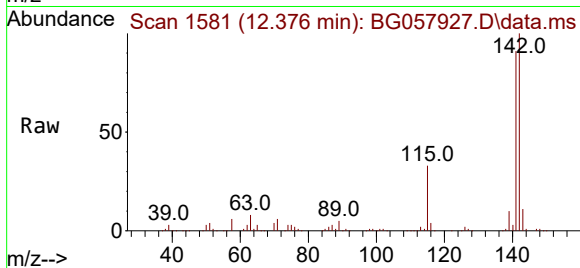
SB-4-(22-26)MSD

Tgt Ion:142	Resp: 28132
Ion Ratio	Lower Upper
142	100
141	91.0 72.4 108.6
115	33.0 28.6 42.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023



#38

1-Methylnaphthalene

Concen: 41.410 ng

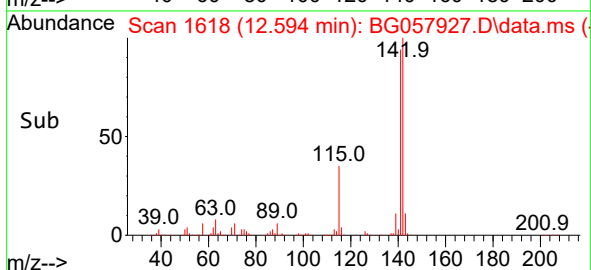
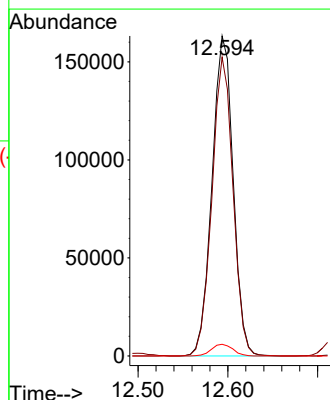
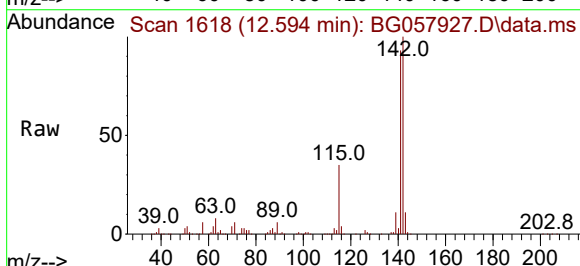
RT: 12.594 min Scan# 1618

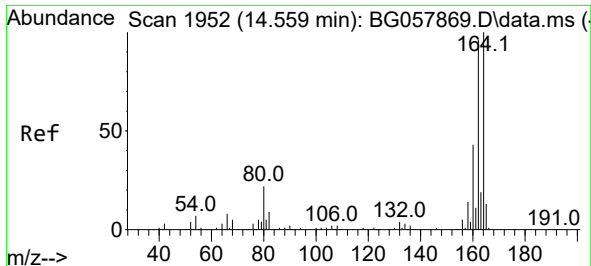
Delta R.T. -0.015 min

Lab File: BG057927.D

Acq: 30 Jun 2023 20:28

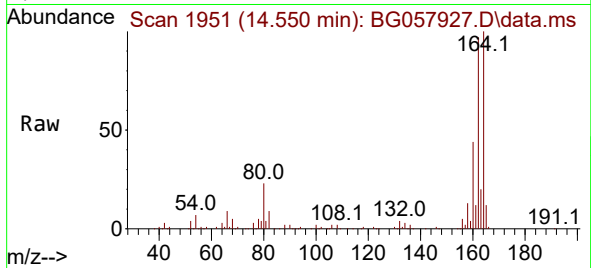
Tgt Ion:142	Resp: 266870
Ion Ratio	Lower Upper
142	100
141	93.4 74.8 112.2
116	3.7 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.550 min Scan# 1952
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

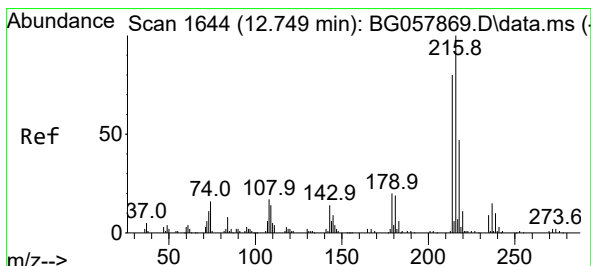
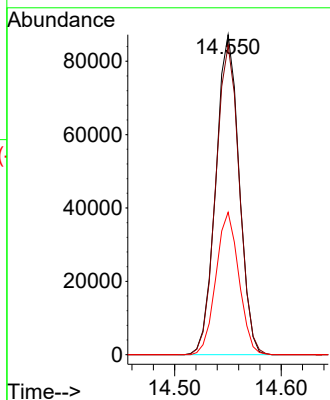
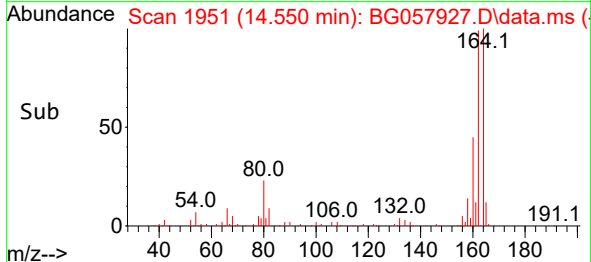
Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)MSD



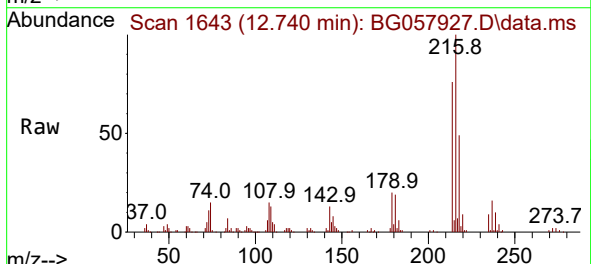
Tgt Ion:164 Resp: 13237
Ion Ratio Lower Upper
164 100
162 96.7 76.4 114.6
160 44.5 34.2 51.2

Manual Integrations
APPROVED

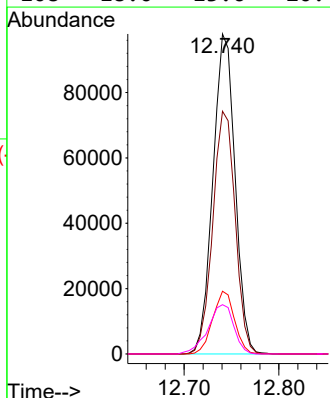
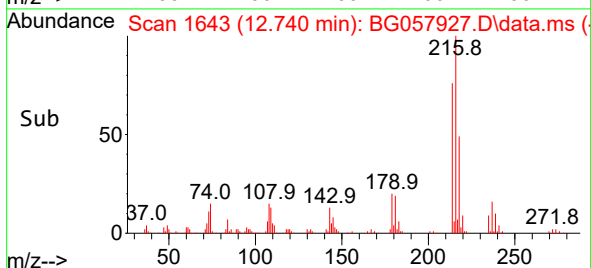
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023

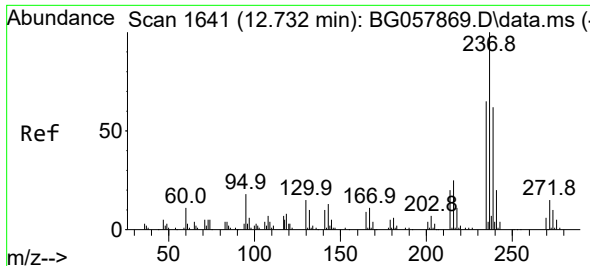


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.922 ng
RT: 12.740 min Scan# 1643
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28



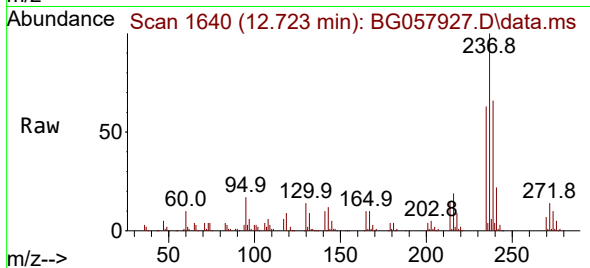
Tgt Ion:216 Resp: 158958
Ion Ratio Lower Upper
216 100
214 76.7 63.0 94.4
179 19.3 16.1 24.1
108 18.0 13.6 20.4





#41
Hexachlorocyclopentadiene
Concen: 79.101 ng
RT: 12.723 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

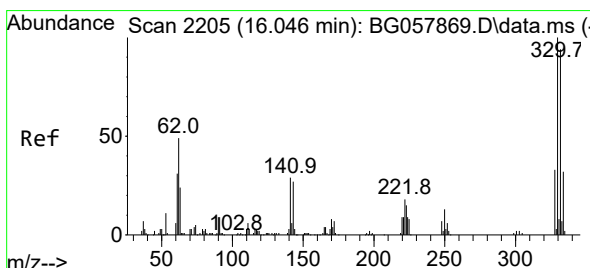
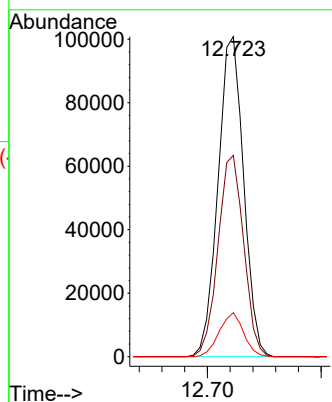
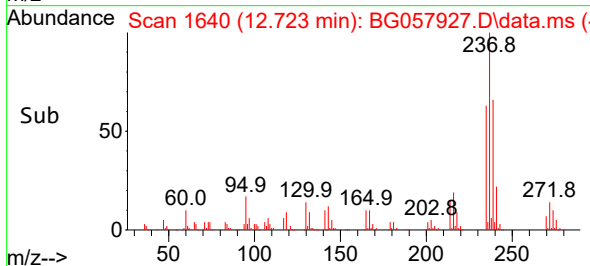
Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)MSD



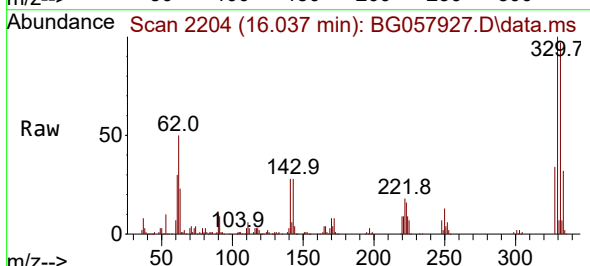
Tgt Ion:237 Resp: 157480
Ion Ratio Lower Upper
237 100
235 62.9 44.7 84.7
272 13.8 0.0 34.7

Manual Integrations
APPROVED

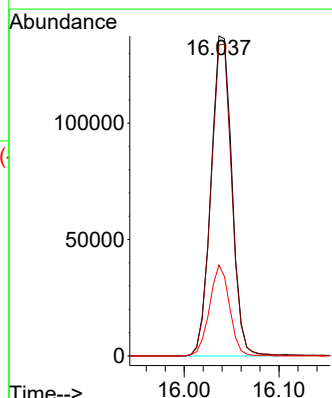
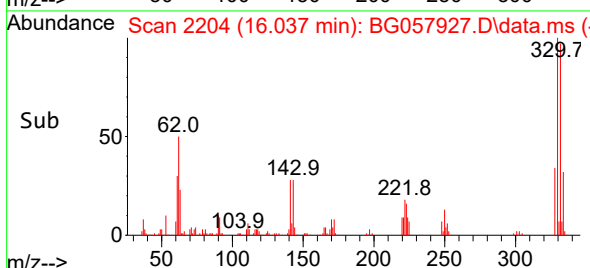
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023

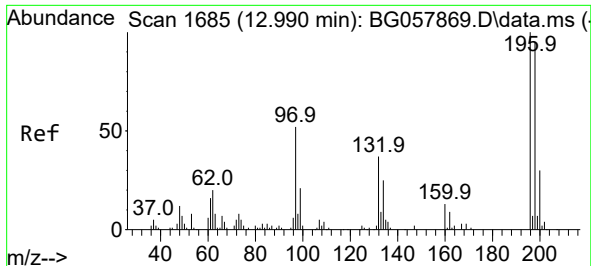


#42
2,4,6-Tribromophenol
Concen: 94.741 ng
RT: 16.037 min Scan# 2204
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28



Tgt Ion:330 Resp: 210641
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 27.1 22.2 33.4





#43
2,4,6-Trichlorophenol
Concen: 45.310 ng
RT: 12.981 min Scan# 1684
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

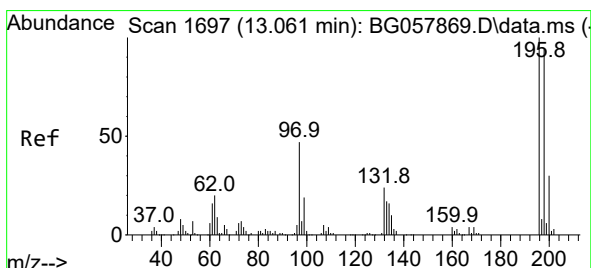
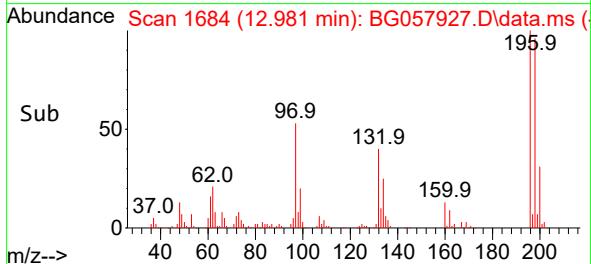
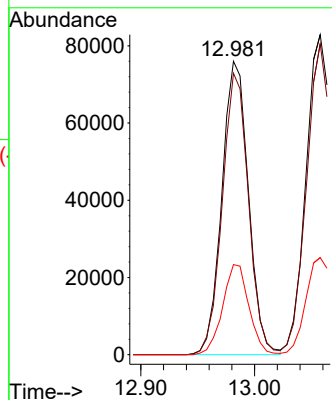
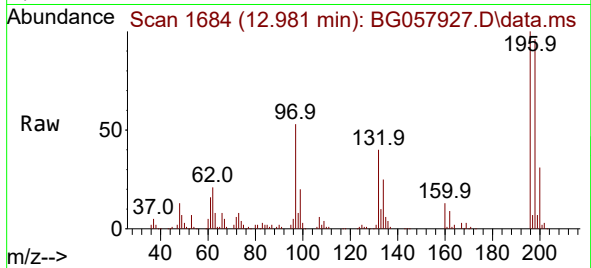
ClientSampleId :

SB-4-(22-26)MSD

Tgt Ion:196 Resp: 123692
Ion Ratio Lower Upper
196 100
198 95.9 75.7 113.5
200 30.7 24.2 36.2

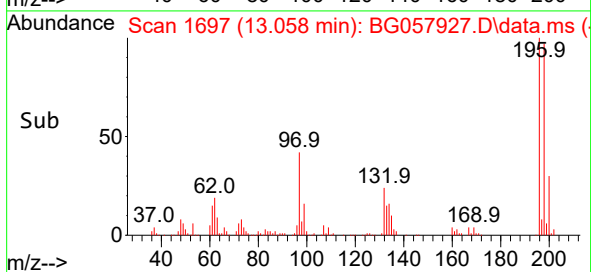
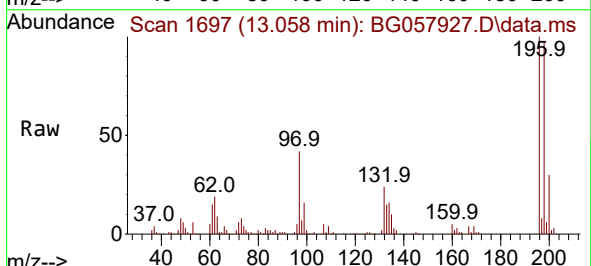
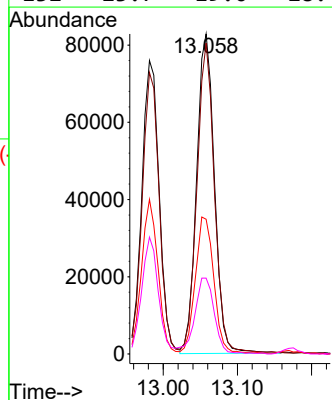
Manual Integrations
APPROVED

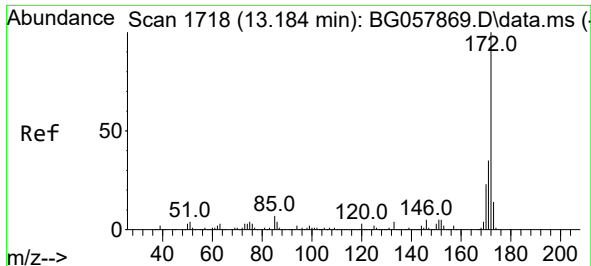
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023



#44
2,4,5-Trichlorophenol
Concen: 42.641 ng
RT: 13.058 min Scan# 1697
Delta R.T. -0.003 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

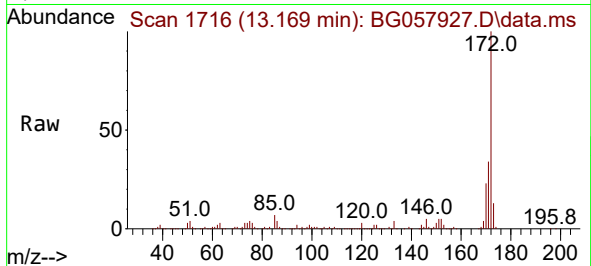
Tgt Ion:196 Resp: 138545
Ion Ratio Lower Upper
196 100
198 97.1 75.4 113.0
97 42.1 37.6 56.4
132 23.7 19.0 28.4





#45
2-Fluorobiphenyl
Concen: 64.228 ng
RT: 13.169 min Scan# 1716
Delta R.T. -0.015 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

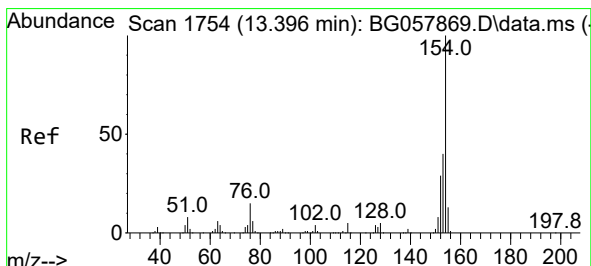
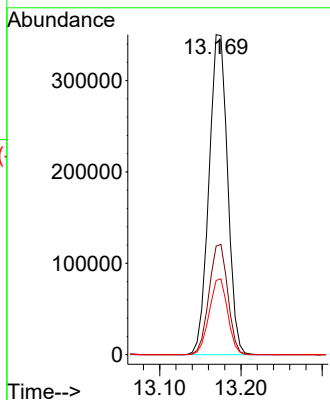
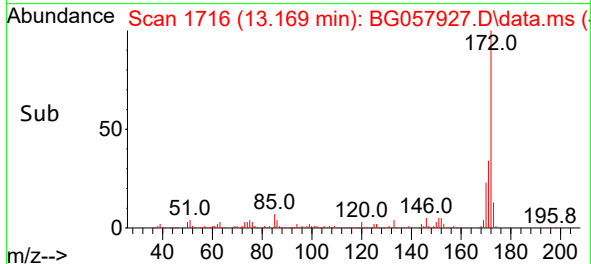
Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)MSD



Tgt Ion:172 Resp: 557129
Ion Ratio Lower Upper
172 100
171 33.9 27.8 41.8
170 23.2 18.6 27.8

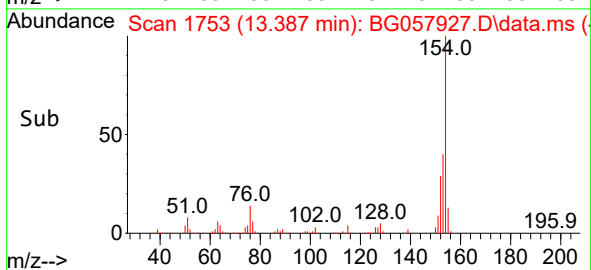
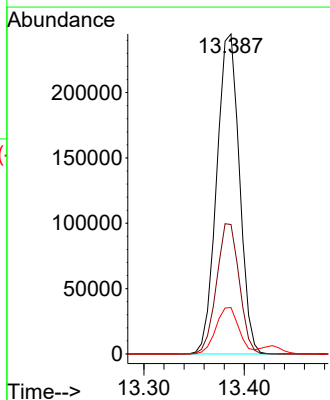
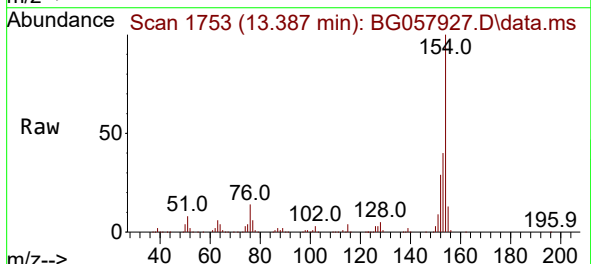
Manual Integrations
APPROVED

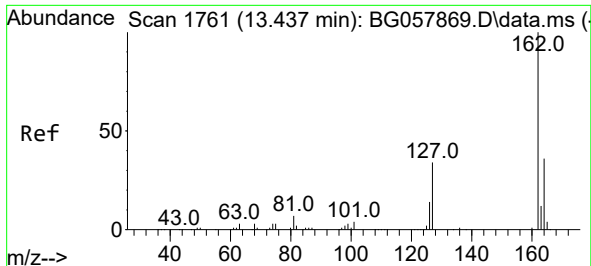
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023



#46
1,1'-Biphenyl
Concen: 42.676 ng
RT: 13.387 min Scan# 1753
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

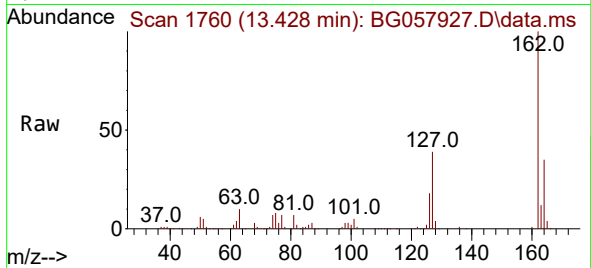
Tgt Ion:154 Resp: 384784
Ion Ratio Lower Upper
154 100
153 40.5 20.1 60.1
76 14.5 0.0 34.7





#47
2-Chloronaphthalene
Concen: 43.194 ng
RT: 13.428 min Scan# 1760
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

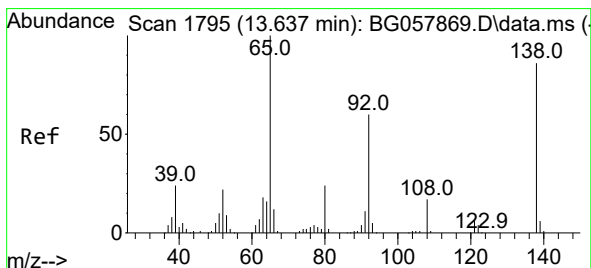
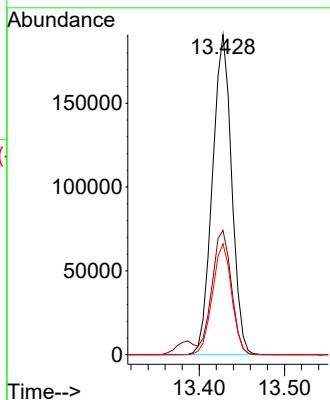
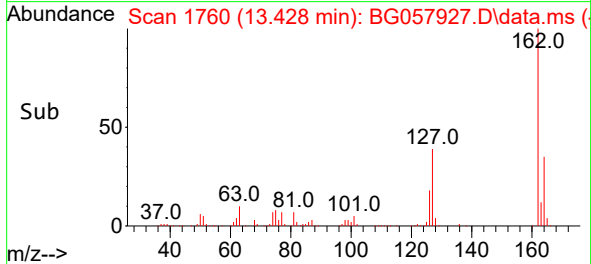
Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)MSD



Tgt Ion:162 Resp: 29908
Ion Ratio Lower Upper
162 100
127 38.9 30.2 45.4
164 34.7 28.6 43.0

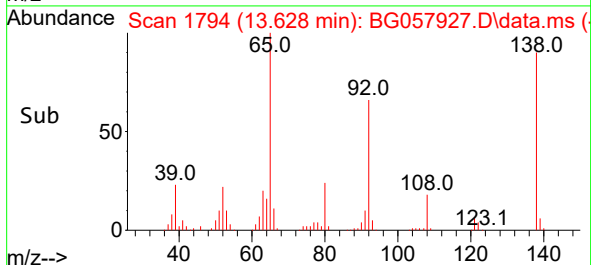
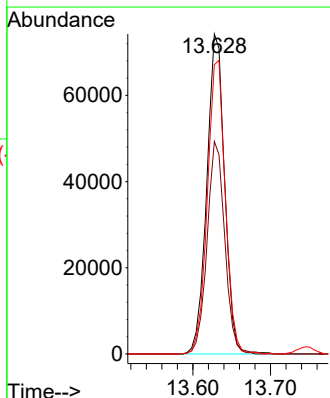
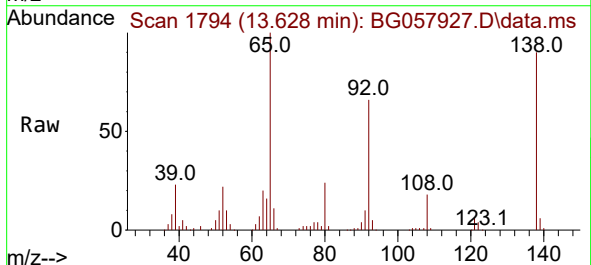
Manual Integrations
APPROVED

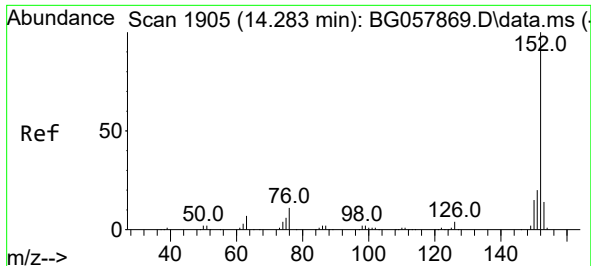
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023



#48
2-Nitroaniline
Concen: 42.943 ng
RT: 13.628 min Scan# 1794
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Tgt Ion: 65 Resp: 118478
Ion Ratio Lower Upper
65 100
92 66.4 48.3 72.5
138 90.4 69.1 103.7





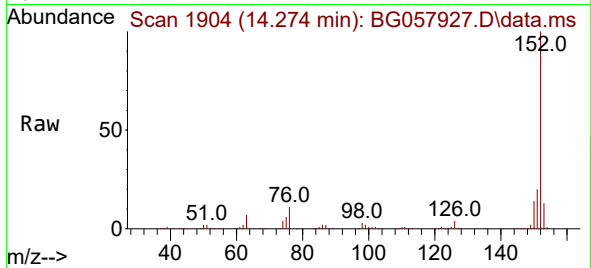
#49
Acenaphthylene
Concen: 41.823 ng
RT: 14.274 min Scan# 1904
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

ClientSampleId :

SB-4-(22-26)MSD

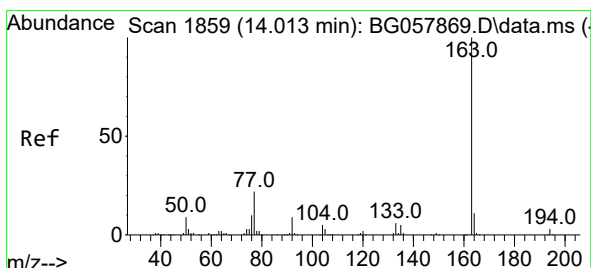
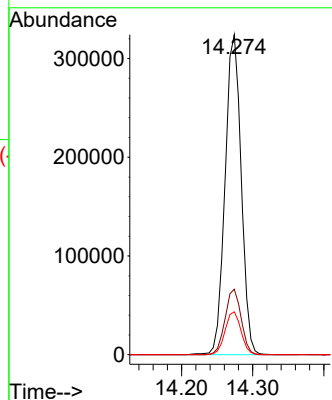
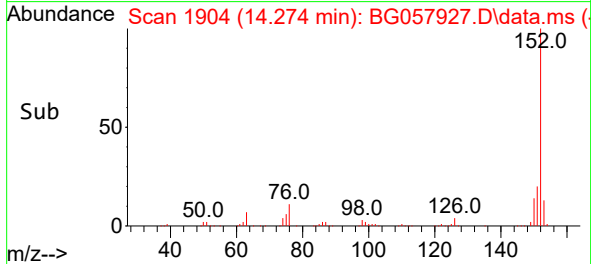


Tgt Ion:152 Resp: 50786
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.4 10.8 16.2

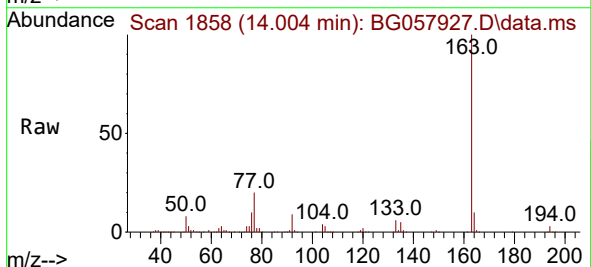
Manual Integrations

APPROVED

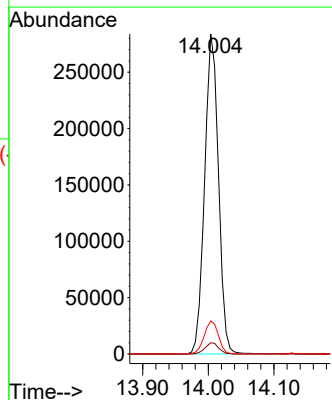
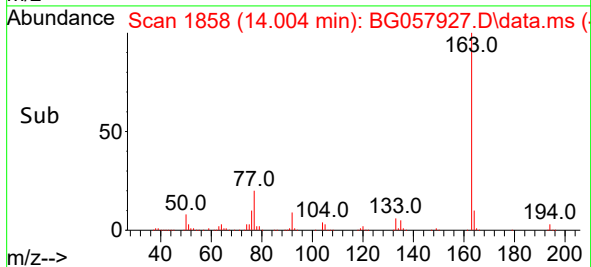
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023

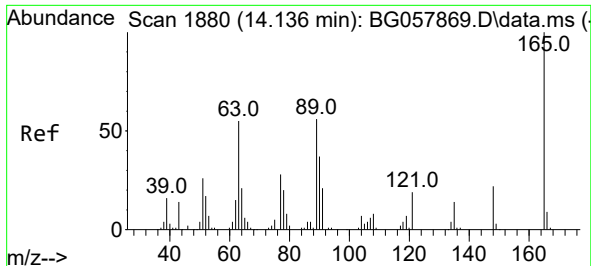


#50
Dimethylphthalate
Concen: 39.762 ng
RT: 14.004 min Scan# 1858
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28



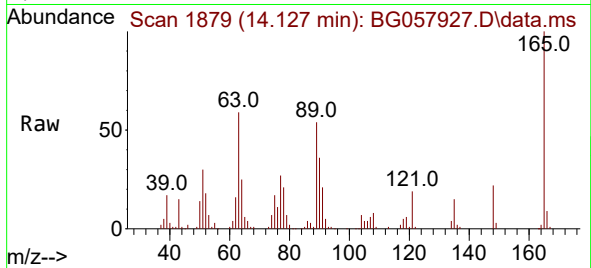
Tgt Ion:163 Resp: 417176
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.3 8.9 13.3





#51
2,6-Dinitrotoluene
Concen: 42.769 ng
RT: 14.127 min Scan# 1880
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

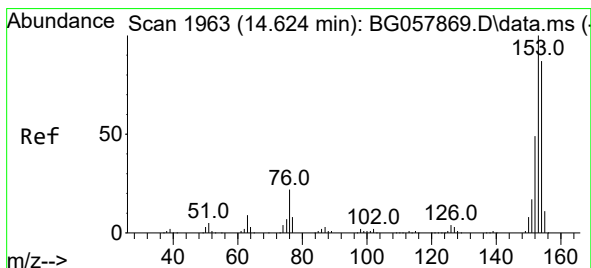
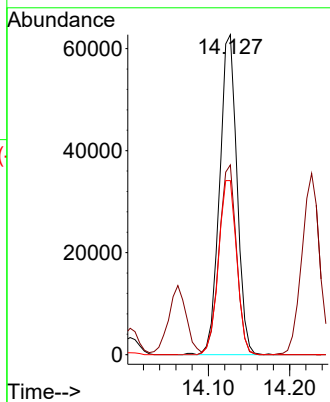
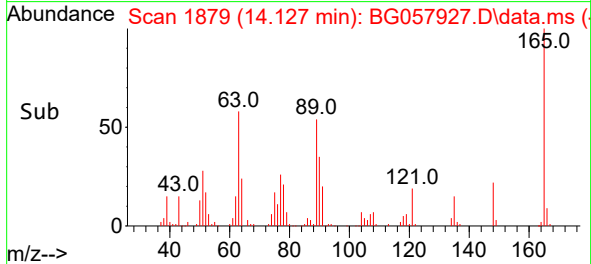
Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)MSD



Tgt Ion:165 Resp: 93168
Ion Ratio Lower Upper
165 100
63 59.3 46.4 69.6
89 54.4 45.0 67.6

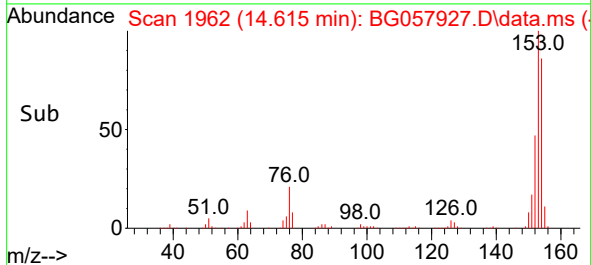
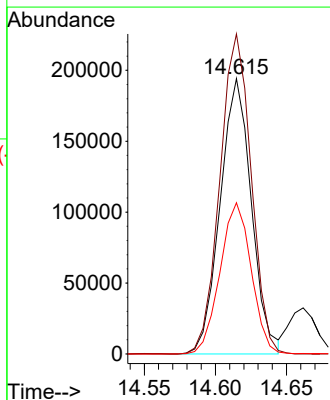
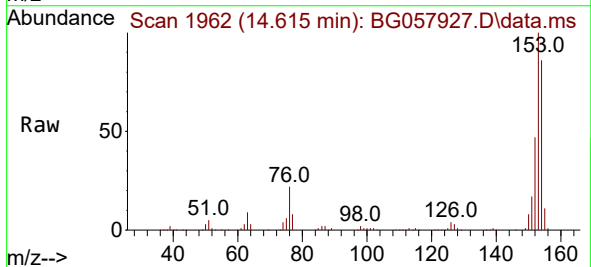
Manual Integrations
APPROVED

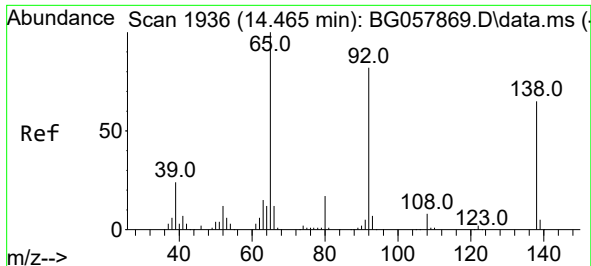
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023



#52
Acenaphthene
Concen: 41.891 ng
RT: 14.615 min Scan# 1962
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Tgt Ion:154 Resp: 297168
Ion Ratio Lower Upper
154 100
153 116.2 91.5 137.3
152 54.9 44.6 67.0





#53
3-Nitroaniline
Concen: 19.325 ng
RT: 14.456 min Scan# 1935
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

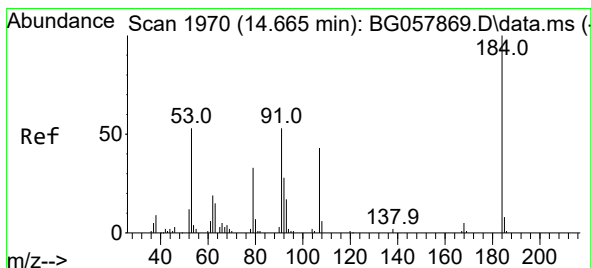
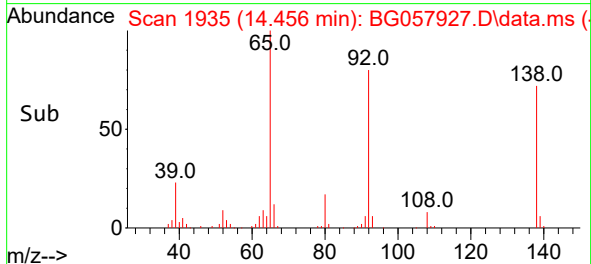
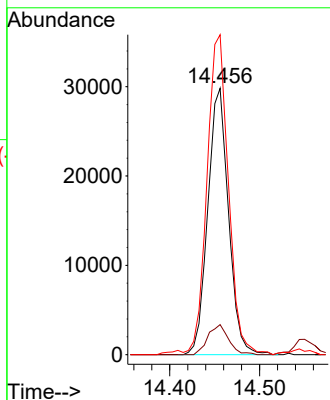
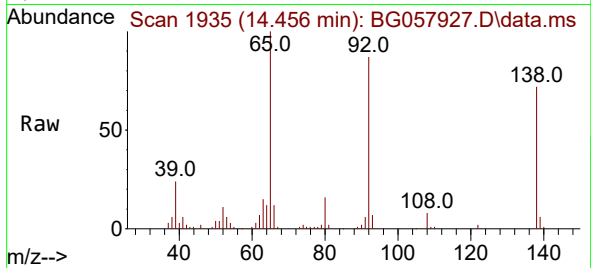
ClientSampleId :

SB-4-(22-26)MSD

Tgt Ion:138 Resp: 4785
Ion Ratio Lower Upper
138 100
108 11.3 9.8 14.6
92 120.1 101.7 152.5

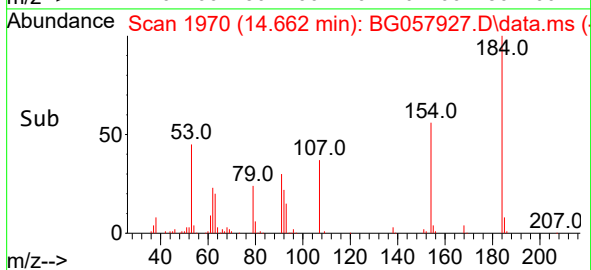
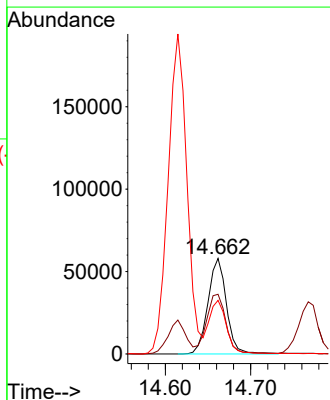
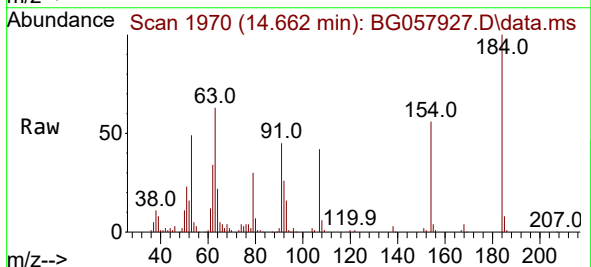
Manual Integrations
APPROVED

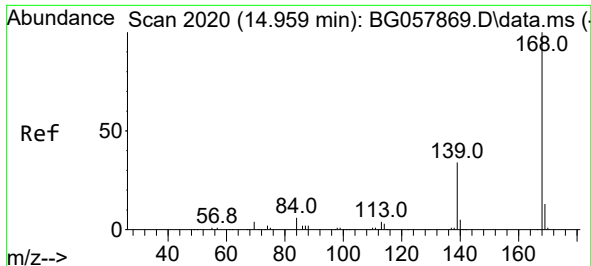
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023



#54
2,4-Dinitrophenol
Concen: 72.425 ng
RT: 14.662 min Scan# 1970
Delta R.T. -0.003 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

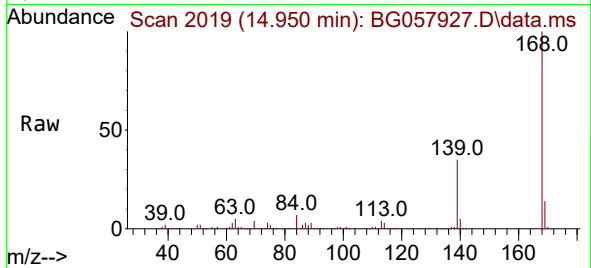
Tgt Ion:184 Resp: 87163
Ion Ratio Lower Upper
184 100
63 62.5 57.8 86.6
154 56.1 45.9 68.9





#55
Dibenzenofuran
Concen: 41.601 ng
RT: 14.950 min Scan# 20
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

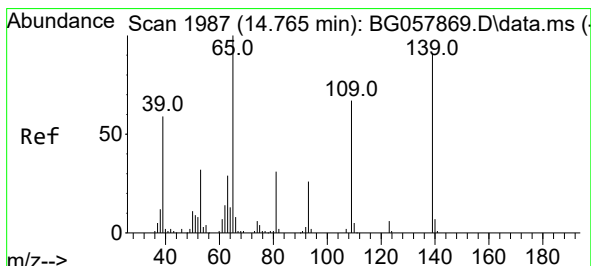
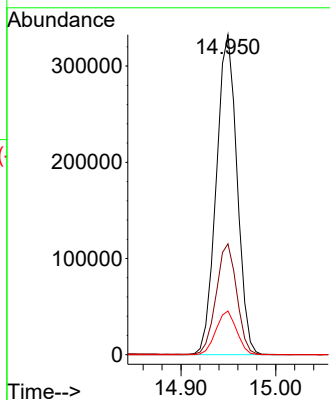
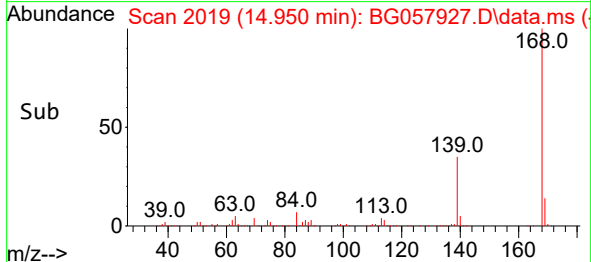
Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)MSD



Tgt Ion:168 Resp: 506180
Ion Ratio Lower Upper
168 100
139 34.7 27.3 40.9
169 13.6 10.3 15.5

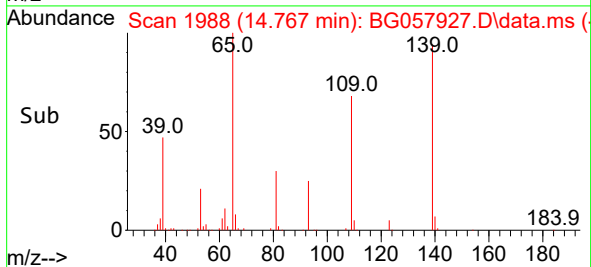
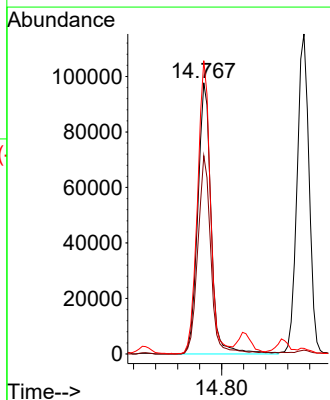
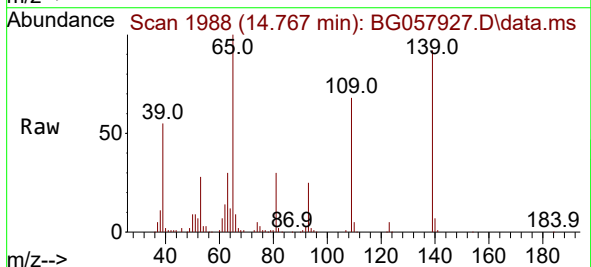
Manual Integrations
APPROVED

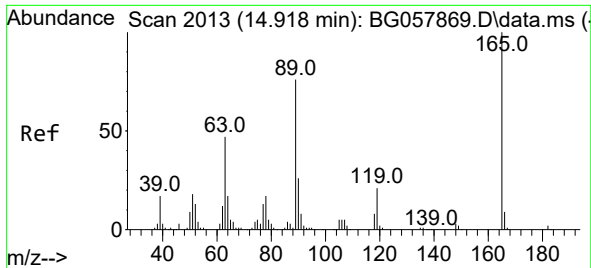
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023



#56
4-Nitrophenol
Concen: 81.316 ng
RT: 14.767 min Scan# 1988
Delta R.T. 0.003 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Tgt Ion:139 Resp: 165099
Ion Ratio Lower Upper
139 100
109 73.1 53.7 93.7
65 108.2 89.9 129.9





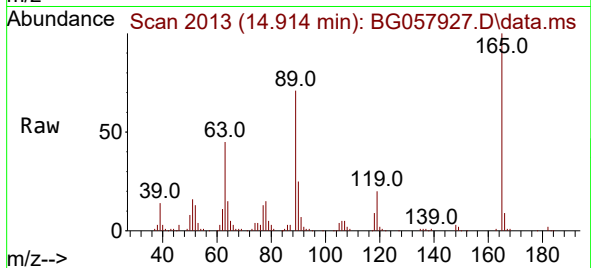
#57
2,4-Dinitrotoluene
Concen: 43.056 ng
RT: 14.914 min Scan# 2013
Delta R.T. -0.003 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

ClientSampleId :

SB-4-(22-26)MSD

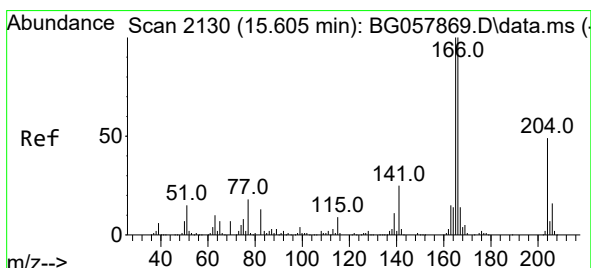
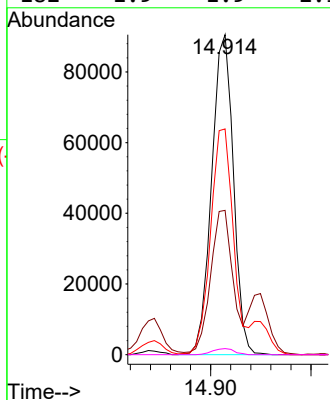
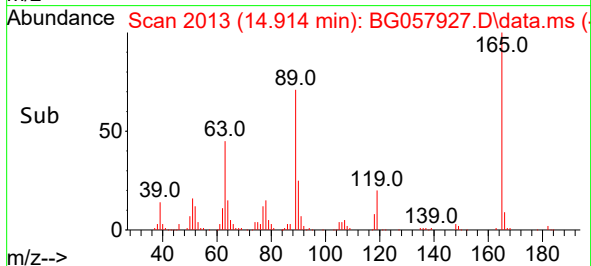


Tgt Ion:165 Resp: 136097
Ion Ratio Lower Upper
165 100
63 45.1 37.6 56.4
89 70.5 61.0 91.4
182 1.9 1.9 2.9#

Manual Integrations

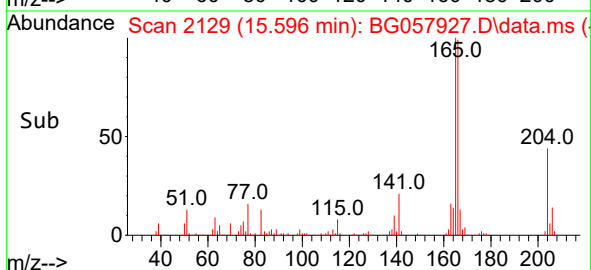
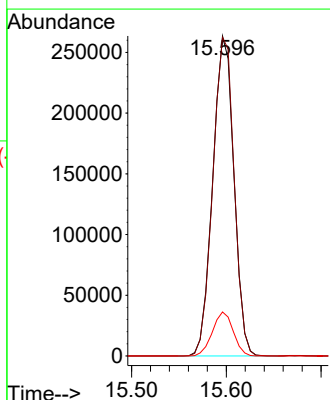
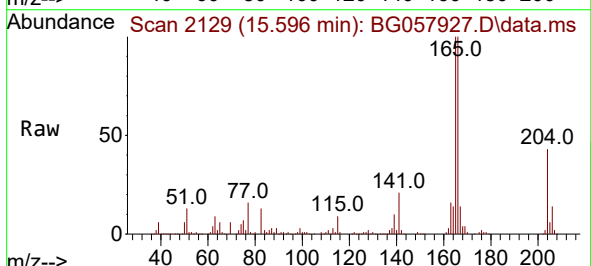
APPROVED

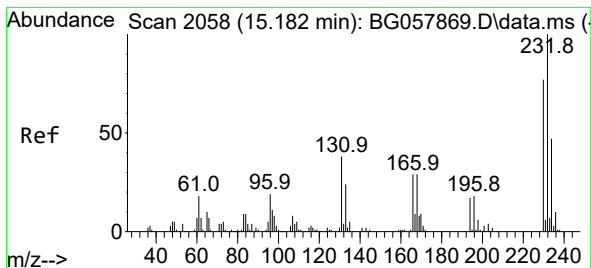
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023



#58
Fluorene
Concen: 41.550 ng
RT: 15.596 min Scan# 2129
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

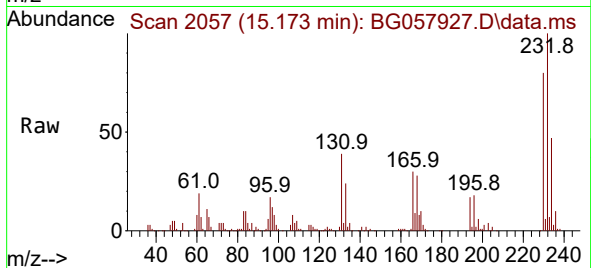
Tgt Ion:166 Resp: 408051
Ion Ratio Lower Upper
166 100
165 99.6 80.0 120.0
167 13.8 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.270 ng
RT: 15.173 min Scan# 2057
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

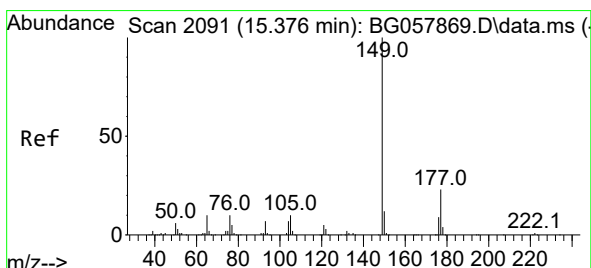
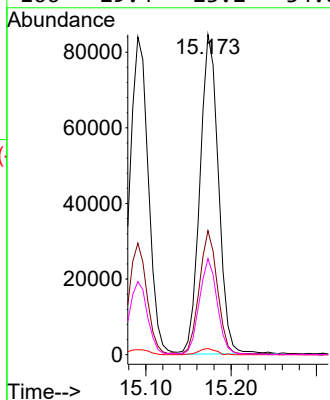
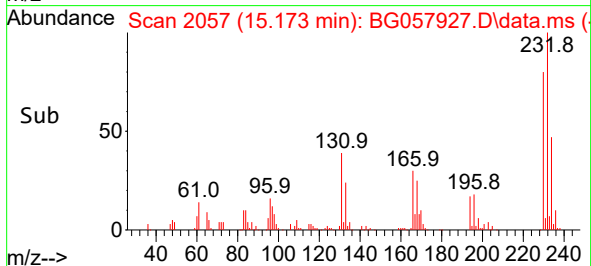
Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)MSD



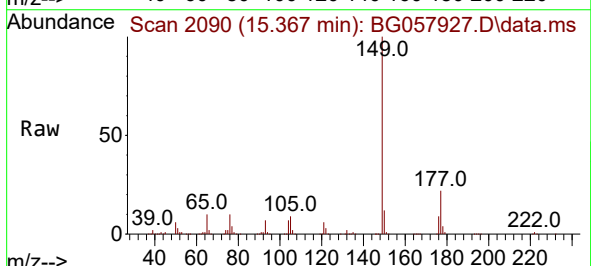
Tgt Ion:232 Resp: 127448
Ion Ratio Lower Upper
232 100
131 38.5 31.2 46.8
130 1.8 1.6 2.4
166 29.4 23.2 34.8

Manual Integrations
APPROVED

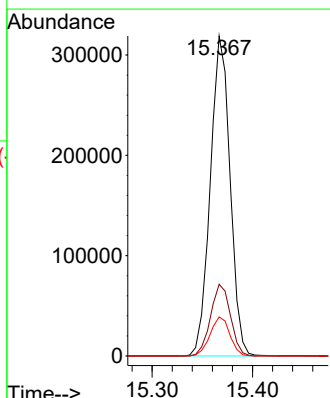
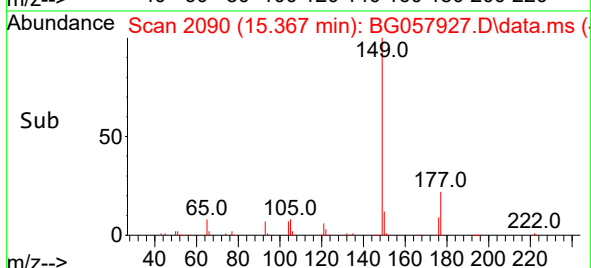
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023

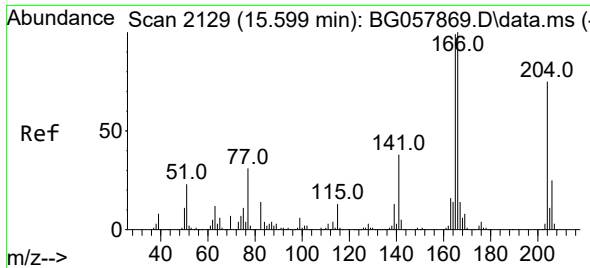


#60
Diethylphthalate
Concen: 39.475 ng
RT: 15.367 min Scan# 2090
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28



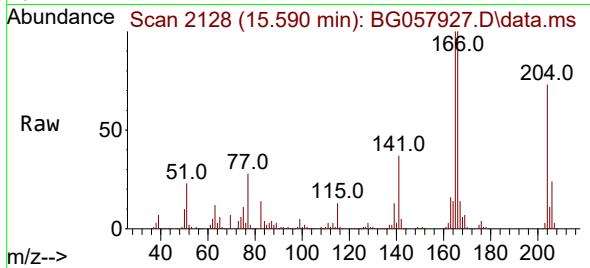
Tgt Ion:149 Resp: 436569
Ion Ratio Lower Upper
149 100
177 22.4 18.2 27.4
150 12.2 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 41.326 ng
RT: 15.590 min Scan# 2128
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

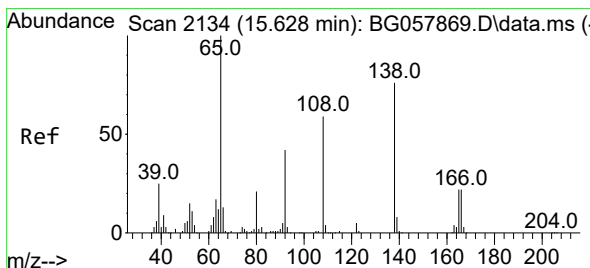
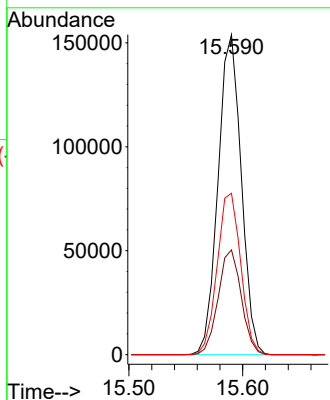
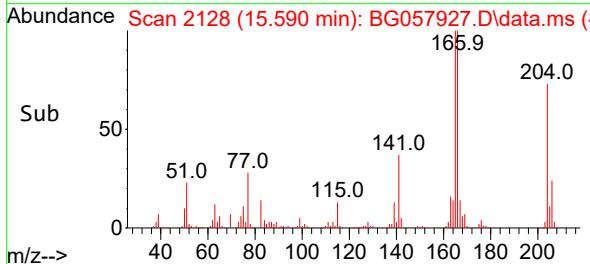
Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)MSD



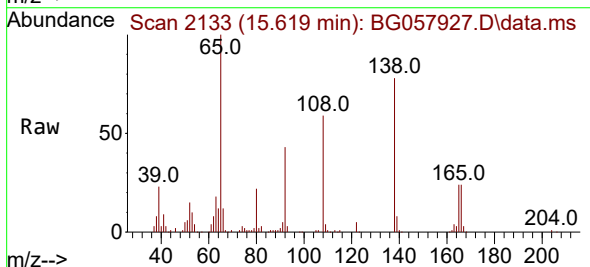
Tgt Ion:204 Resp: 21768
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 50.4 40.6 60.8

Manual Integrations
APPROVED

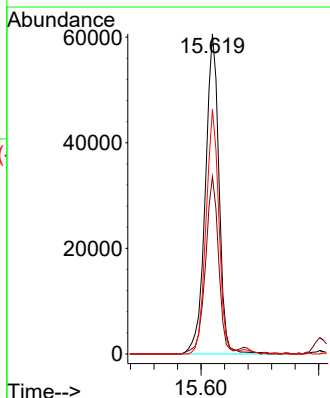
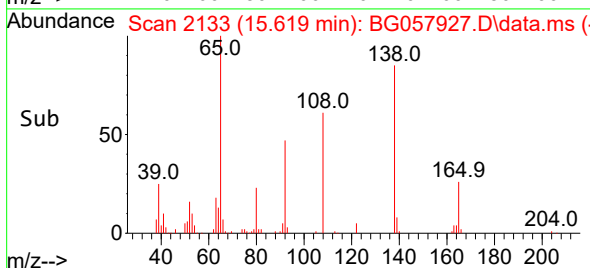
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023

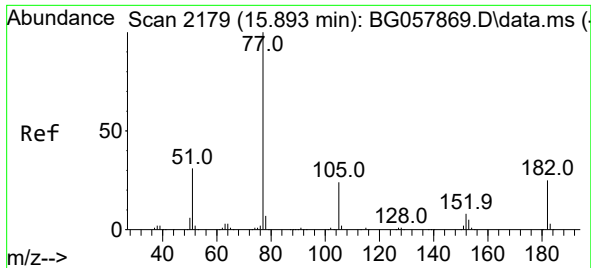


#62
4-Nitroaniline
Concen: 37.601 ng
RT: 15.619 min Scan# 2133
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28



Tgt Ion:138 Resp: 97675
Ion Ratio Lower Upper
138 100
92 55.5 35.2 75.2
108 76.4 57.8 97.8





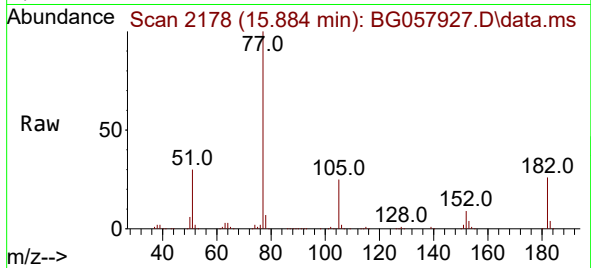
#63
Azobenzene
Concen: 46.399 ng
RT: 15.884 min Scan# 2178
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

ClientSampleId :

SB-4-(22-26)MSD

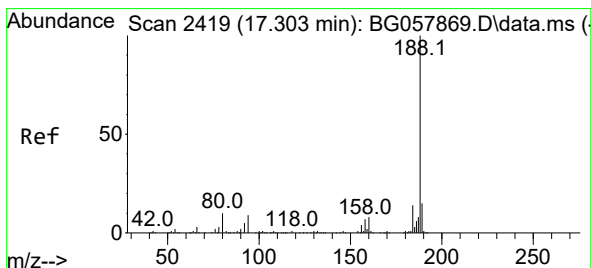
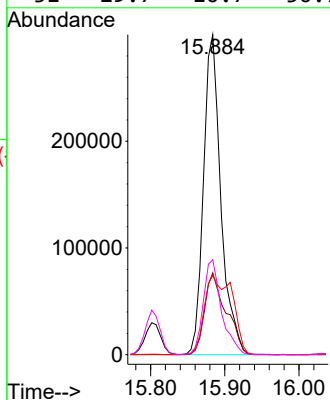
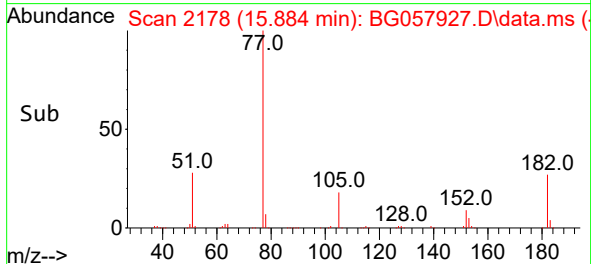


Tgt Ion: 77 Resp: 490715
Ion Ratio Lower Upper
77 100
182 25.5 5.1 45.1
105 24.7 3.9 43.9
51 29.7 10.7 50.7

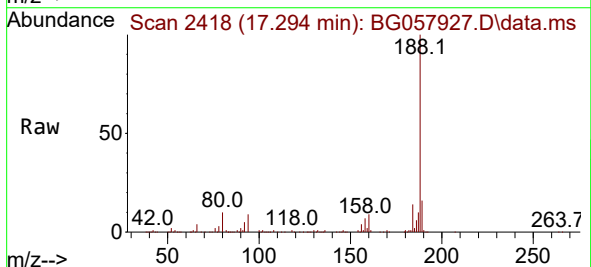
Manual Integrations

APPROVED

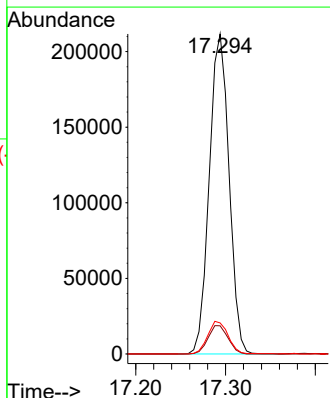
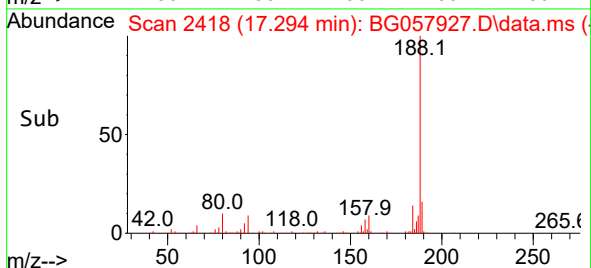
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023

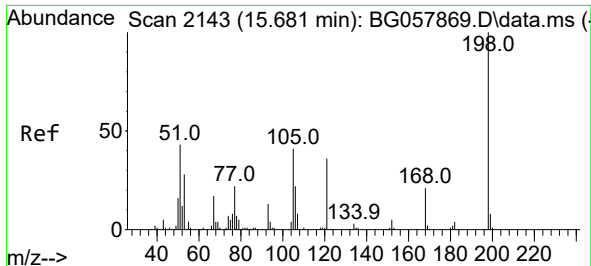


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.294 min Scan# 2418
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28



Tgt Ion:188 Resp: 323063
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.7 8.4 12.6





#65
4,6-Dinitro-2-methylphenol
Concen: 41.154 ng
RT: 15.672 min Scan# 2143
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

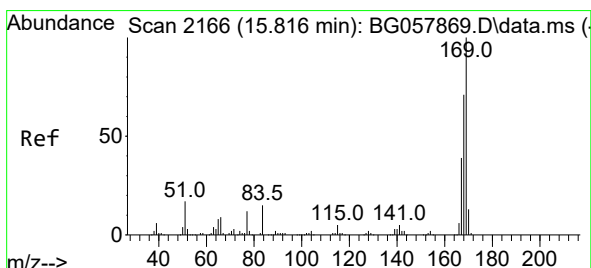
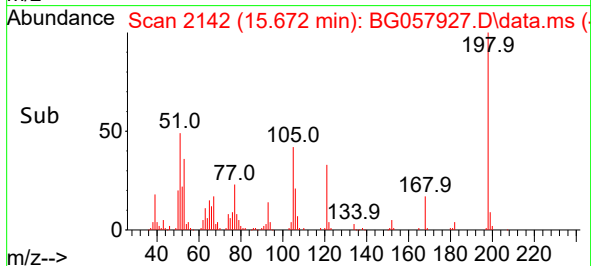
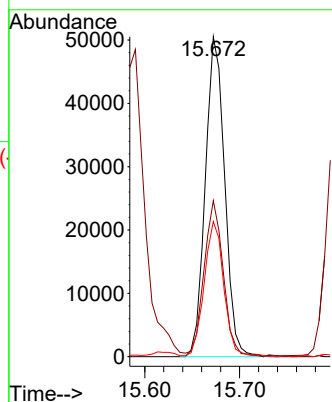
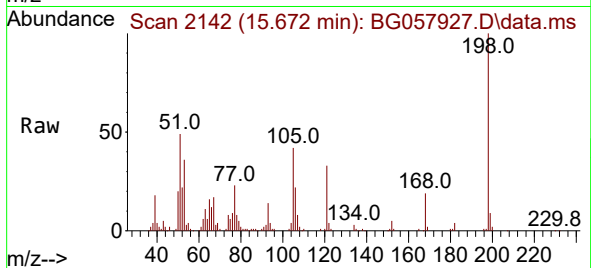
ClientSampleId :

SB-4-(22-26)MSD

Tgt Ion:198 Resp: 7154
Ion Ratio Lower Upper
198 100
51 48.8 27.2 67.2
105 42.3 22.3 62.3

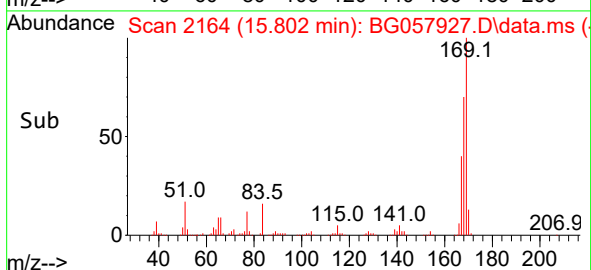
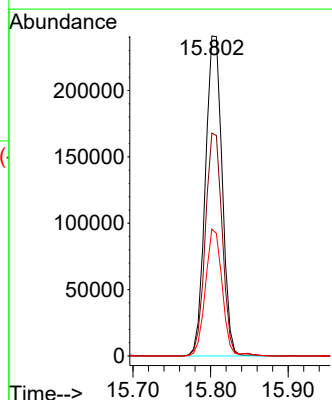
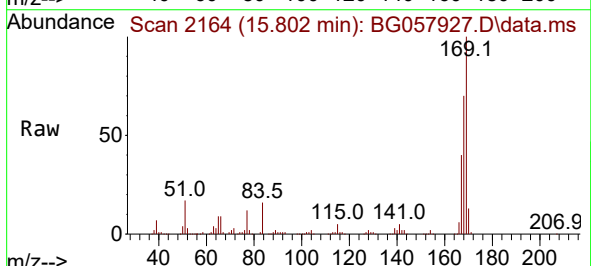
Manual Integrations
APPROVED

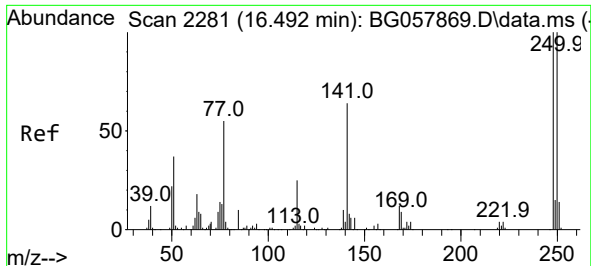
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023



#66
n-Nitrosodiphenylamine
Concen: 43.876 ng
RT: 15.802 min Scan# 2164
Delta R.T. -0.014 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Tgt Ion:169 Resp: 361746
Ion Ratio Lower Upper
169 100
168 69.7 56.6 85.0
167 39.6 31.1 46.7





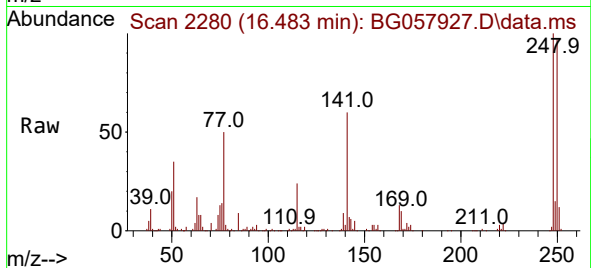
#67
4-Bromophenyl-phenylether
Concen: 44.489 ng
RT: 16.483 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

ClientSampleId :

SB-4-(22-26)MSD

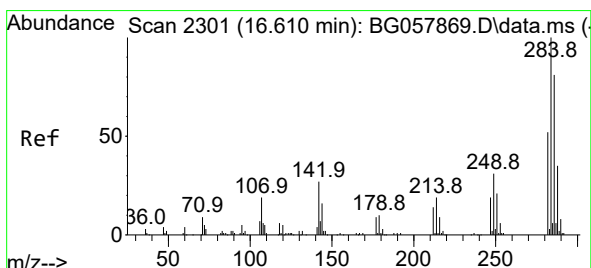
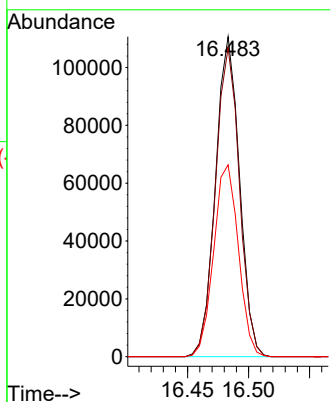
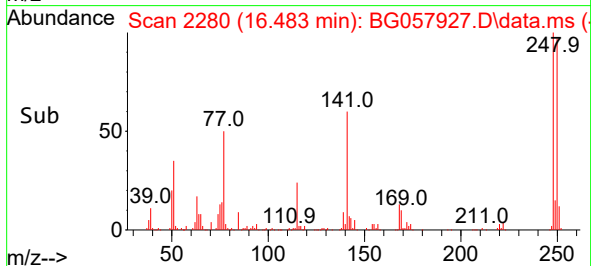


Tgt Ion:248 Resp: 151720
Ion Ratio Lower Upper
248 100
250 96.5 79.7 119.5
141 60.0 50.8 76.2

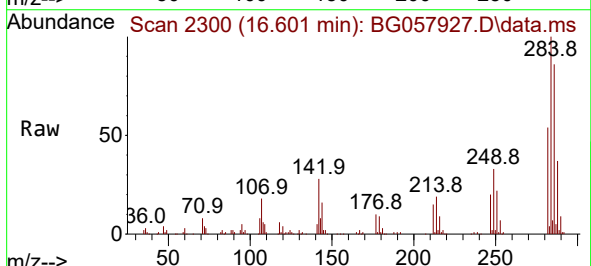
Manual Integrations

APPROVED

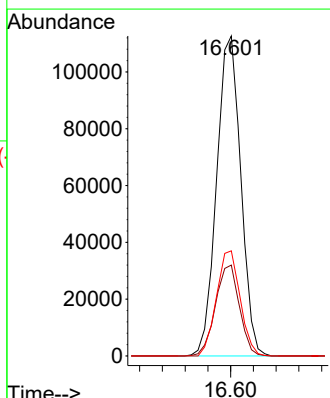
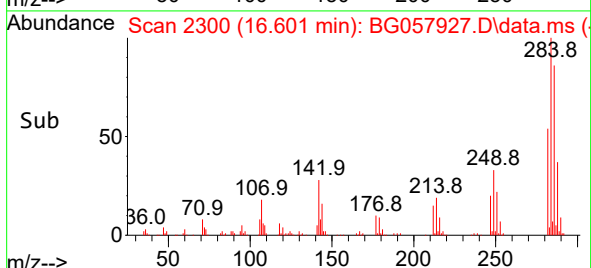
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023

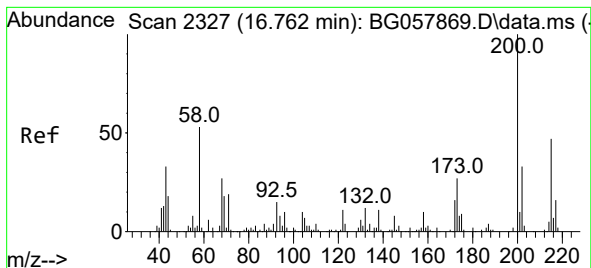


#68
Hexachlorobenzene
Concen: 46.139 ng
RT: 16.601 min Scan# 2300
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28



Tgt Ion:284 Resp: 166155
Ion Ratio Lower Upper
284 100
142 28.4 21.4 32.0
249 32.8 24.9 37.3





#69

Atrazine

Concen: 49.274 ng

RT: 16.753 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG057927.D

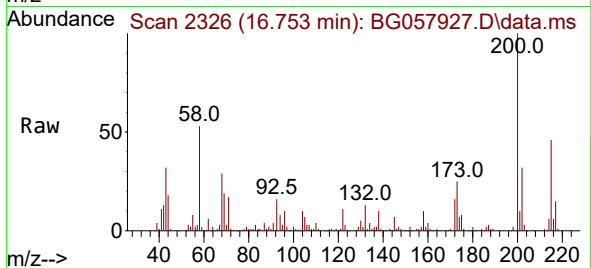
Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

ClientSampleId :

SB-4-(22-26)MSD



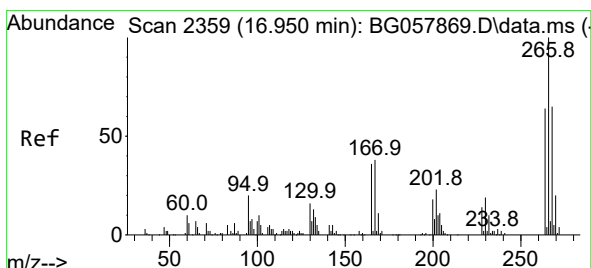
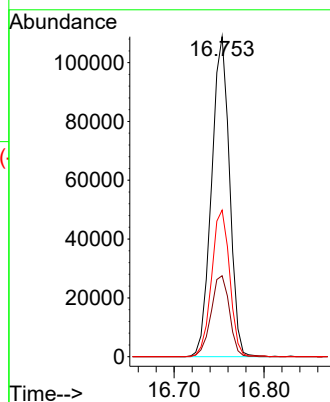
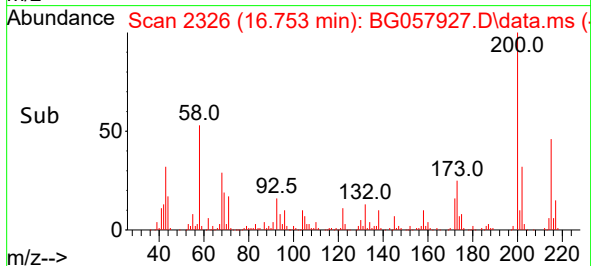
Tgt Ion:	200	Resp:	150872
Ion Ratio	Lower	Upper	
200	100		
173	25.3	7.2	47.2
215	45.8	26.9	66.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/05/2023



#70

Pentachlorophenol

Concen: 72.829 ng

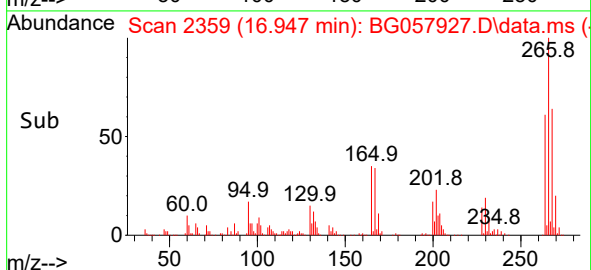
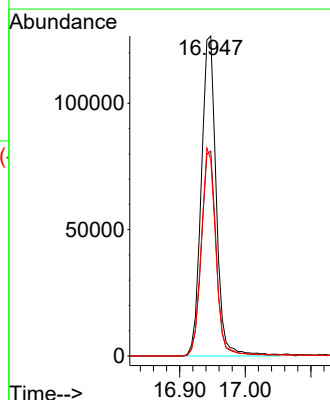
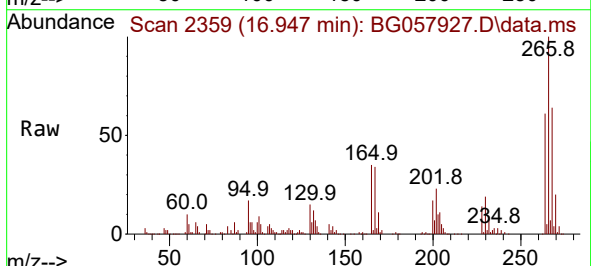
RT: 16.947 min Scan# 2359

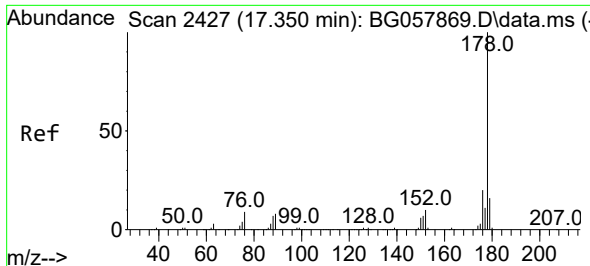
Delta R.T. -0.003 min

Lab File: BG057927.D

Acq: 30 Jun 2023 20:28

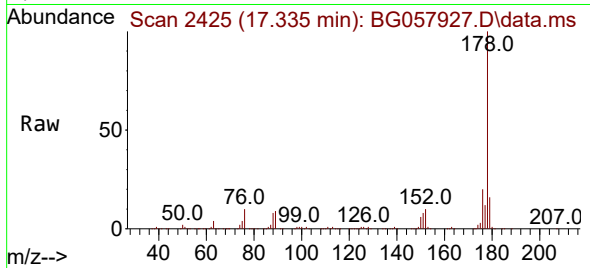
Tgt Ion:	266	Resp:	200571
Ion Ratio	Lower	Upper	
266	100		
268	64.0	52.2	78.2
264	61.4	50.9	76.3





#71
Phenanthrene
Concen: 42.869 ng
RT: 17.335 min Scan# 2425
Delta R.T. -0.015 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

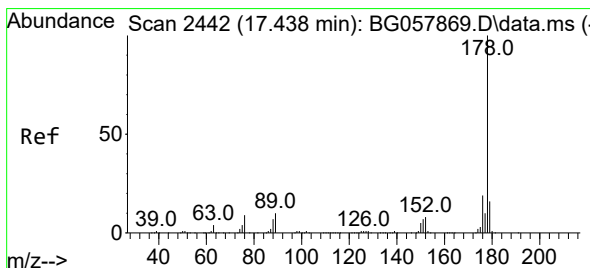
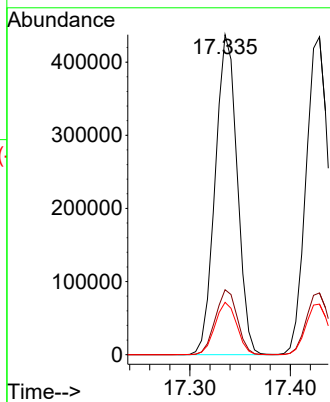
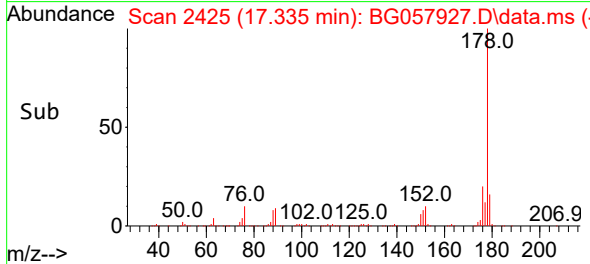
Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)MSD



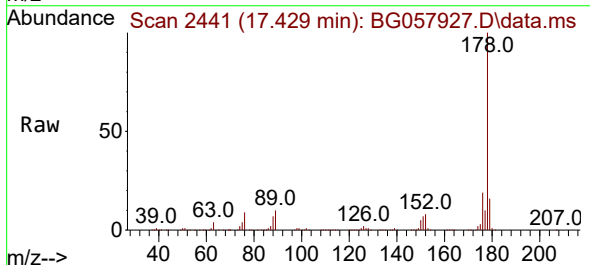
Tgt Ion:178 Resp: 66482
Ion Ratio Lower Upper
178 100
176 20.3 16.3 24.5
179 16.4 13.2 19.8

Manual Integrations
APPROVED

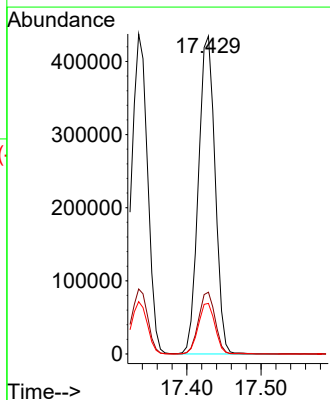
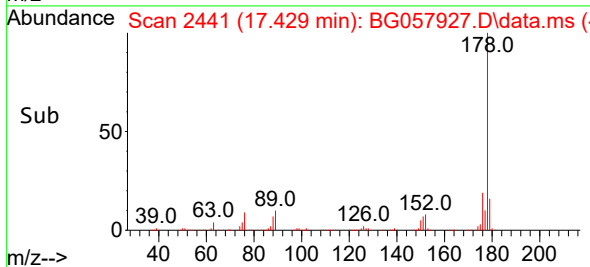
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023

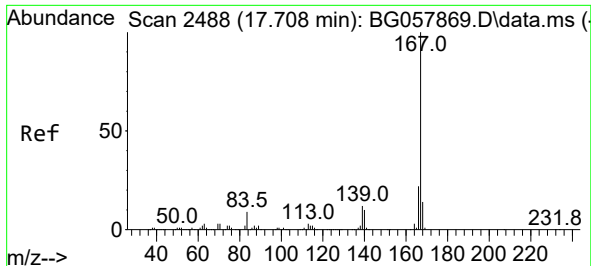


#72
Anthracene
Concen: 42.487 ng
RT: 17.429 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28



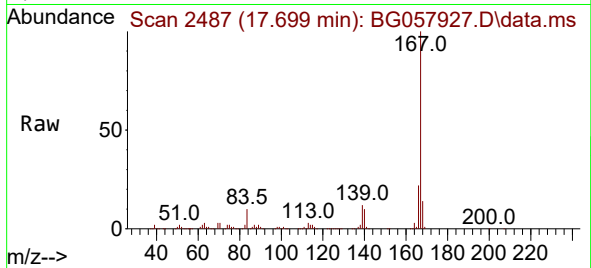
Tgt Ion:178 Resp: 679550
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.9 12.9 19.3





#73
 Carbazole
 Concen: 41.643 ng
 RT: 17.699 min Scan# 2487
 Delta R.T. -0.009 min
 Lab File: BG057927.D
 Acq: 30 Jun 2023 20:28

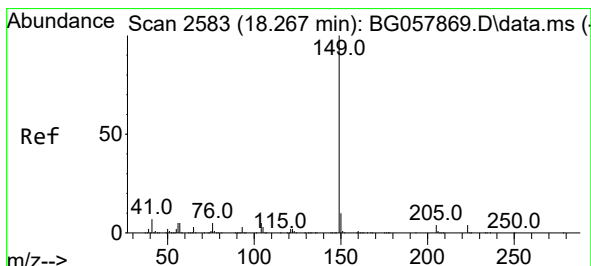
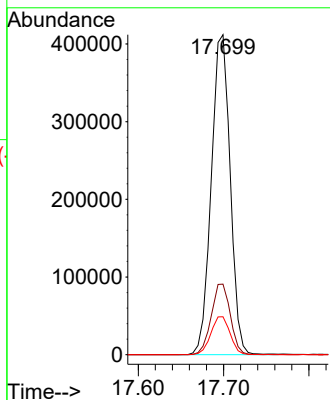
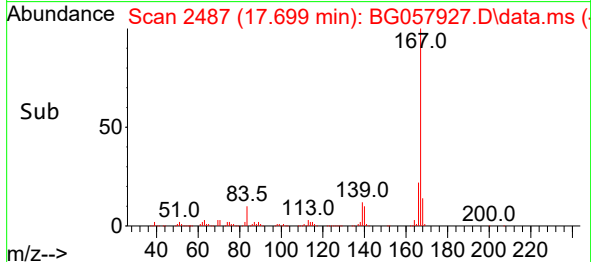
Instrument :
 BNA_G
 ClientSampleId :
 SB-4-(22-26)MSD



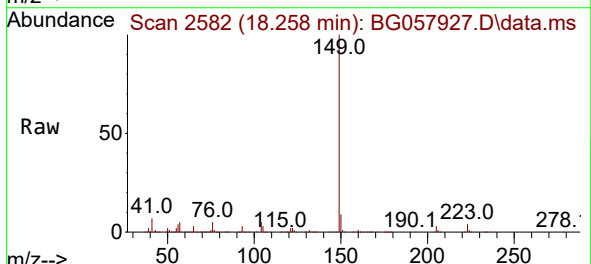
Tgt Ion:167 Resp: 633298
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 11.9 9.8 14.8

Manual Integrations
 APPROVED

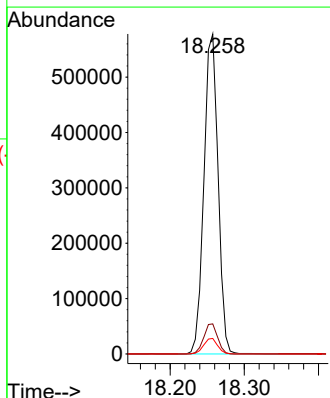
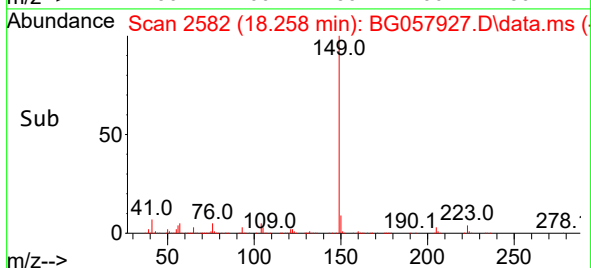
Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/05/2023

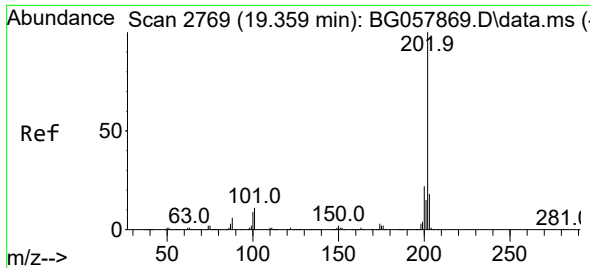


#74
 Di-n-butylphthalate
 Concen: 40.700 ng
 RT: 18.258 min Scan# 2582
 Delta R.T. -0.009 min
 Lab File: BG057927.D
 Acq: 30 Jun 2023 20:28



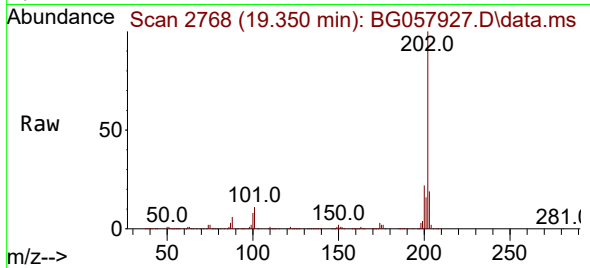
Tgt Ion:149 Resp: 765000
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 4.9 3.9 5.9





#75
Fluoranthene
Concen: 39.267 ng
RT: 19.350 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

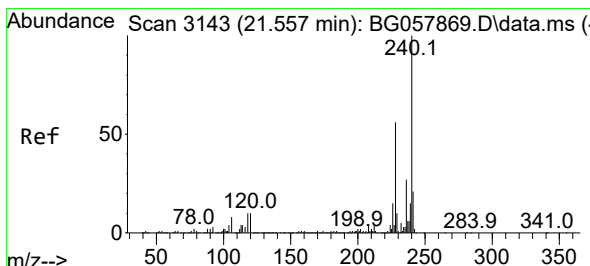
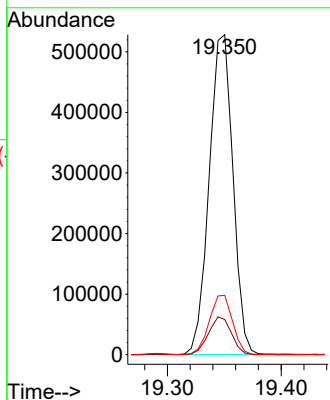
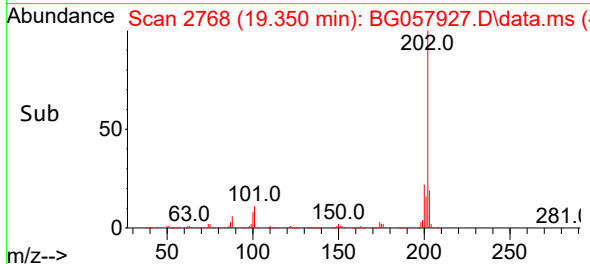
Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)MSD



Tgt Ion:202 Resp: 767159
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.3
203 18.6 0.0 38.2

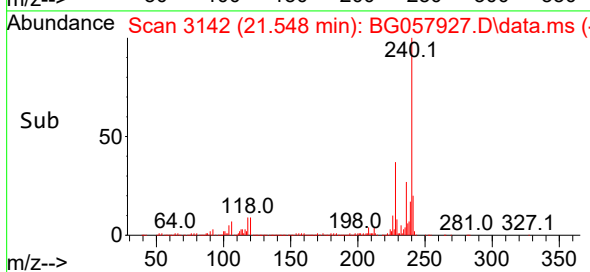
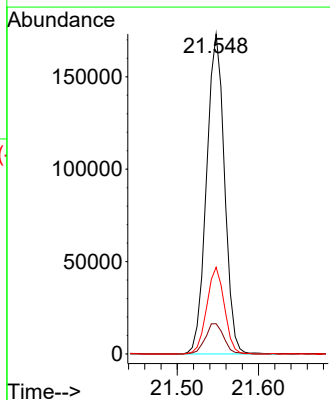
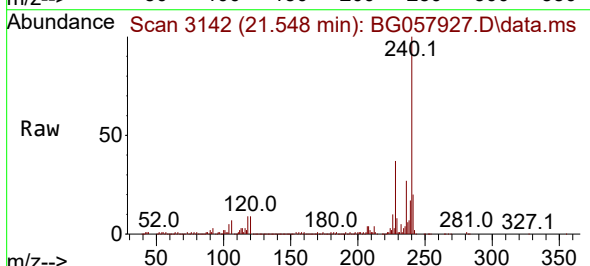
Manual Integrations
APPROVED

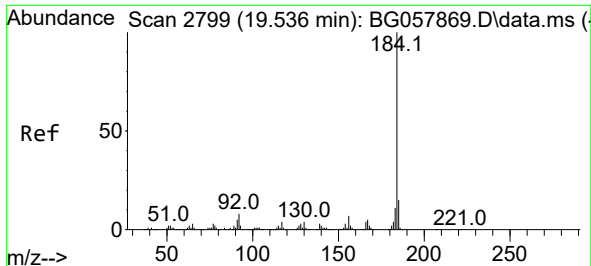
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.548 min Scan# 3142
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Tgt Ion:240 Resp: 265603
Ion Ratio Lower Upper
240 100
120 9.5 8.1 12.1
236 27.1 21.9 32.9





#77
Benzidine
Concen: 40.797 ng
RT: 19.527 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

ClientSampleId :

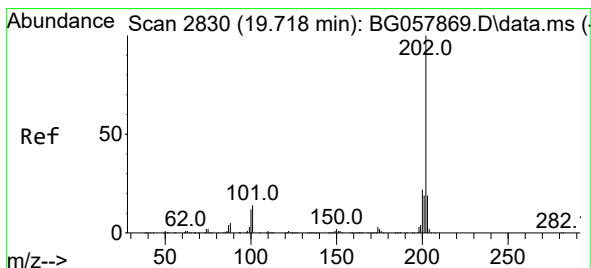
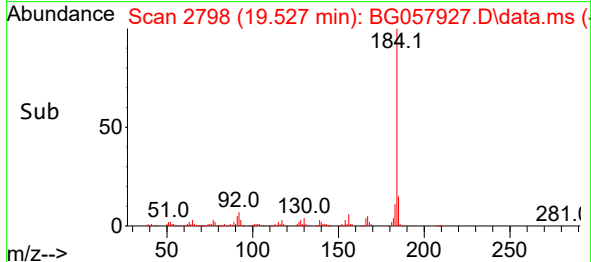
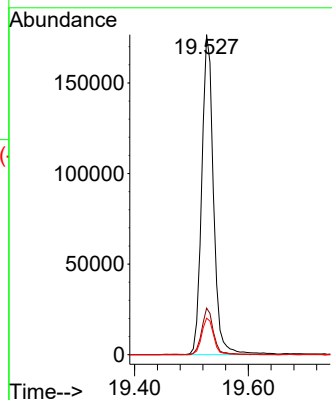
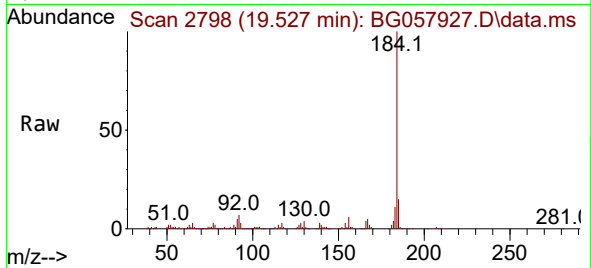
SB-4-(22-26)MSD

Tgt Ion:184 Resp: 254219
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.4 9.0 13.4

Manual Integrations

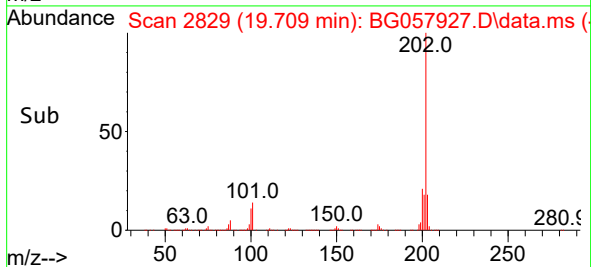
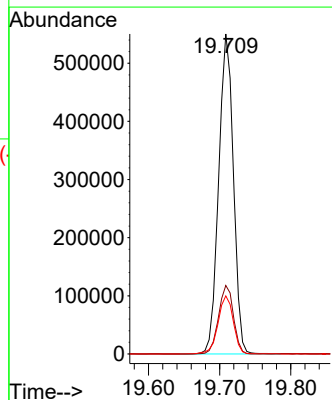
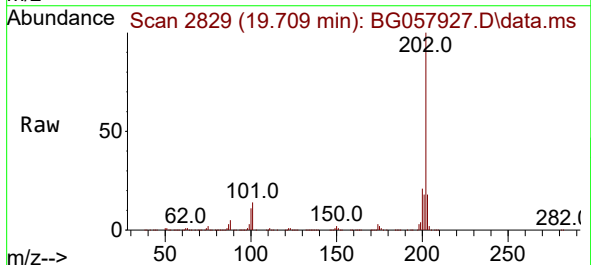
APPROVED

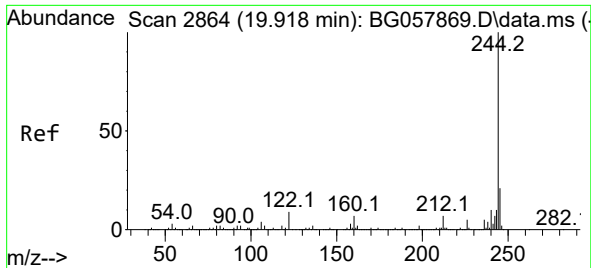
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023



#78
Pyrene
Concen: 41.518 ng
RT: 19.709 min Scan# 2829
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Tgt Ion:202 Resp: 787381
Ion Ratio Lower Upper
202 100
200 21.4 17.7 26.5
203 18.1 15.2 22.8





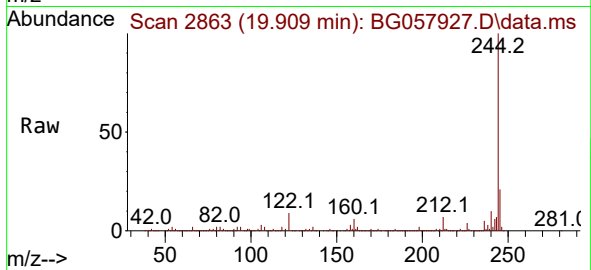
#79
 Terphenyl-d14
 Concen: 70.885 ng
 RT: 19.909 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG057927.D
 Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

ClientSampleId :

SB-4-(22-26)MSD

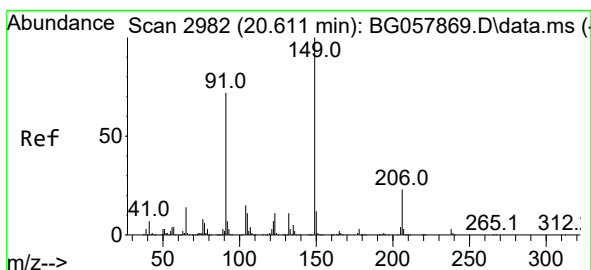
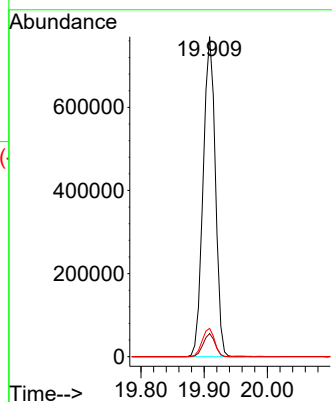
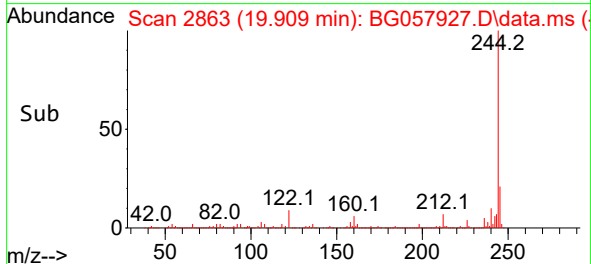


Tgt Ion:244 Resp: 1032719
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 8.8 7.4 11.0

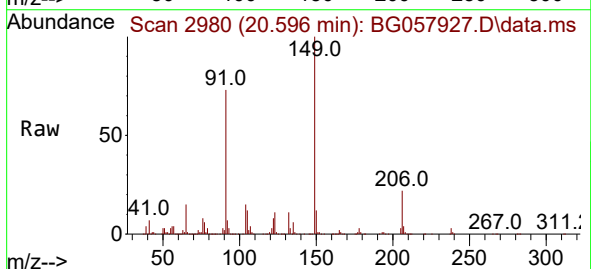
Manual Integrations

APPROVED

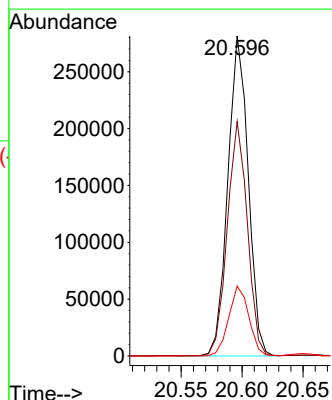
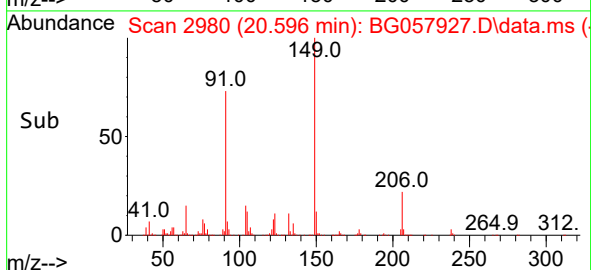
Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/05/2023

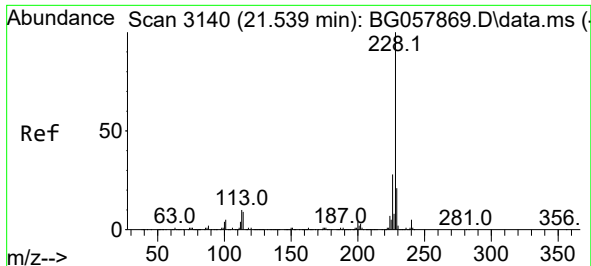


#80
 Butylbenzylphthalate
 Concen: 42.677 ng
 RT: 20.596 min Scan# 2980
 Delta R.T. -0.015 min
 Lab File: BG057927.D
 Acq: 30 Jun 2023 20:28



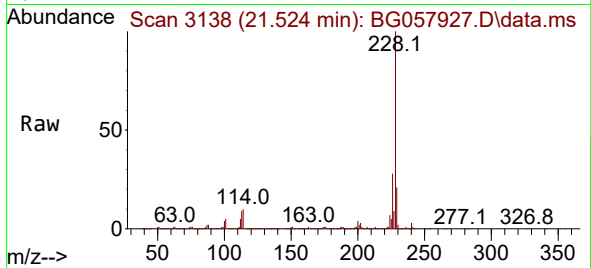
Tgt Ion:149 Resp: 328202
 Ion Ratio Lower Upper
 149 100
 91 73.2 57.4 86.2
 206 21.9 18.2 27.2





#81
Benzo(a)anthracene
Concen: 41.902 ng
RT: 21.524 min Scan# 3118
Delta R.T. -0.015 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

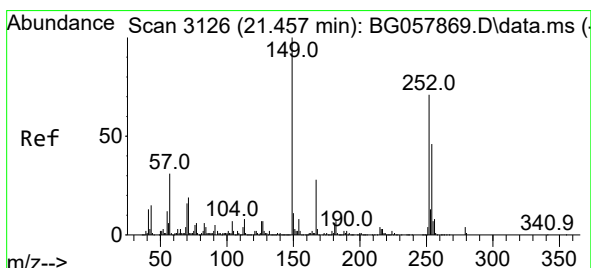
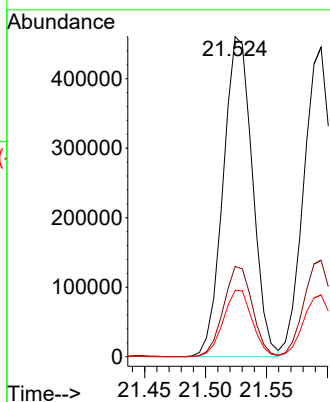
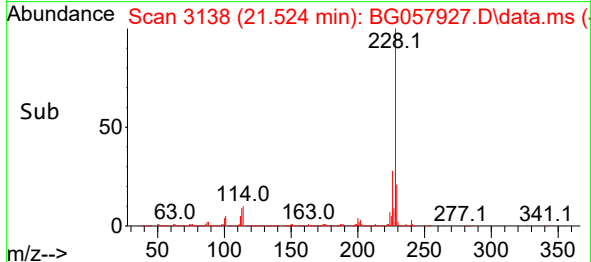
Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)MSD



Tgt Ion:228 Resp: 770189
Ion Ratio Lower Upper
228 100
226 28.2 22.7 34.1
229 20.7 16.5 24.7

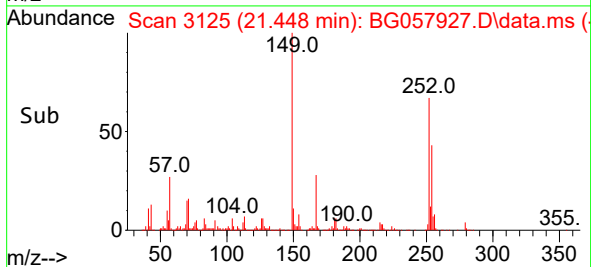
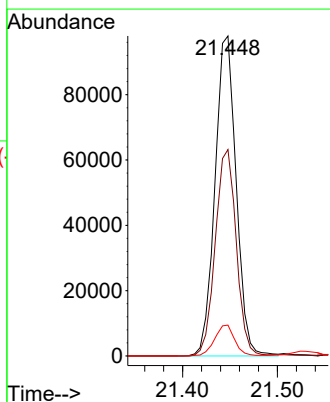
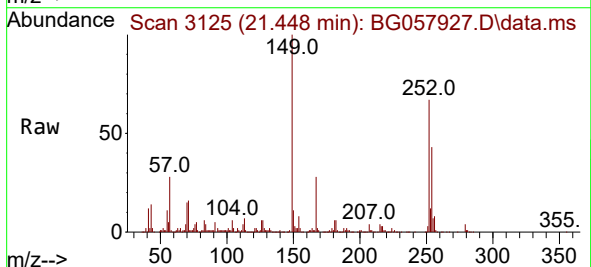
Manual Integrations
APPROVED

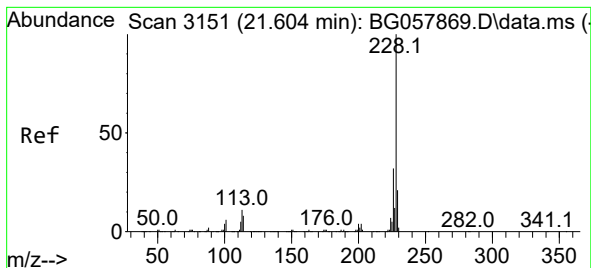
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/05/2023



#82
3,3'-Dichlorobenzidine
Concen: 23.274 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.009 min
Lab File: BG057927.D
Acq: 30 Jun 2023 20:28

Tgt Ion:252 Resp: 152219
Ion Ratio Lower Upper
252 100
254 64.5 51.5 77.3
126 9.6 7.4 11.2





#83

Chrysene

Concen: 40.942 ng

RT: 21.595 min Scan# 3150

Delta R.T. -0.009 min

Lab File: BG057927.D

Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

ClientSampleId :

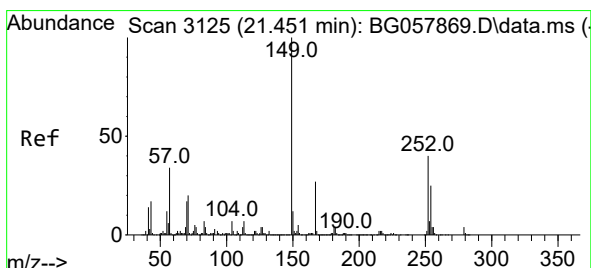
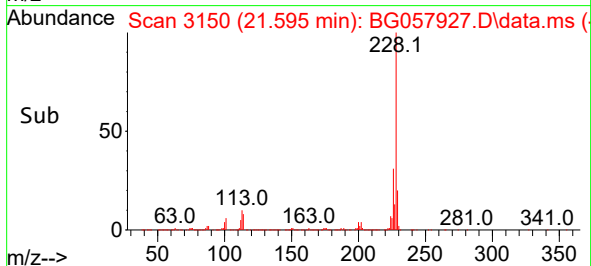
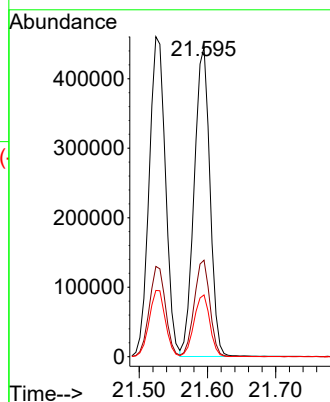
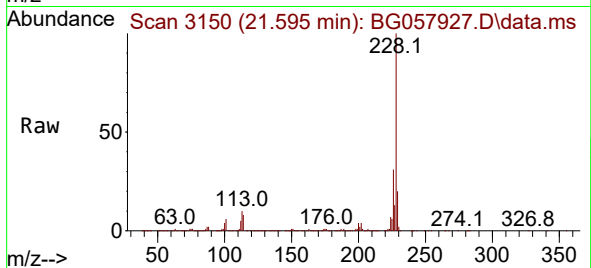
SB-4-(22-26)MSD

Tgt Ion:228 Resp: 712320
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.3 37.9
 229 20.0 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/05/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.157 ng

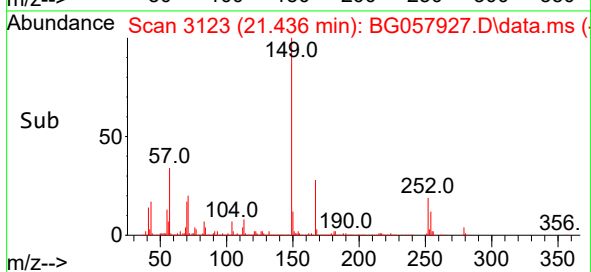
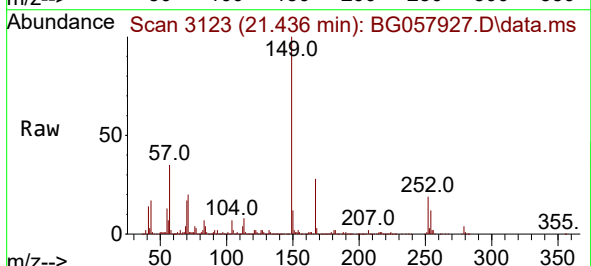
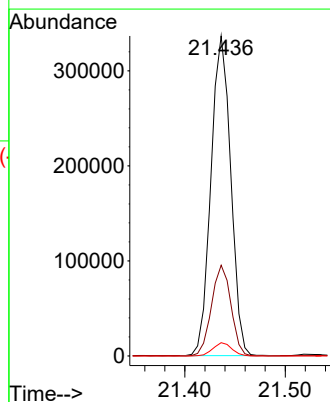
RT: 21.436 min Scan# 3123

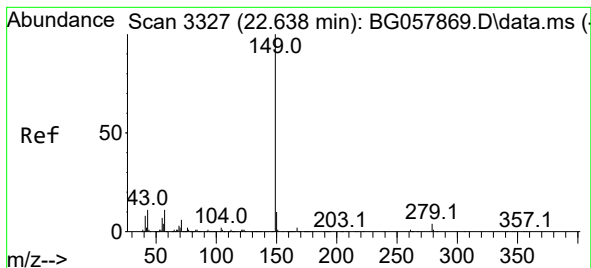
Delta R.T. -0.015 min

Lab File: BG057927.D

Acq: 30 Jun 2023 20:28

Tgt Ion:149 Resp: 460297
 Ion Ratio Lower Upper
 149 100
 167 28.3 21.8 32.8
 279 4.1 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 42.915 ng

RT: 22.617 min Scan# 31

Delta R.T. -0.021 min

Lab File: BG057927.D

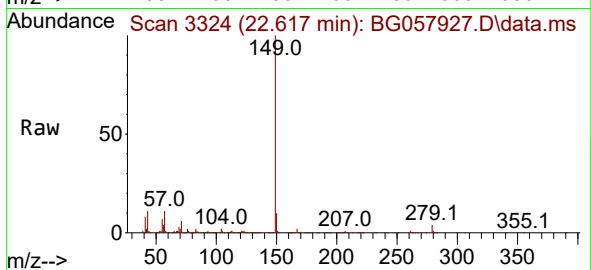
Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

ClientSampleId :

SB-4-(22-26)MSD



Tgt Ion:149 Resp: 82687

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

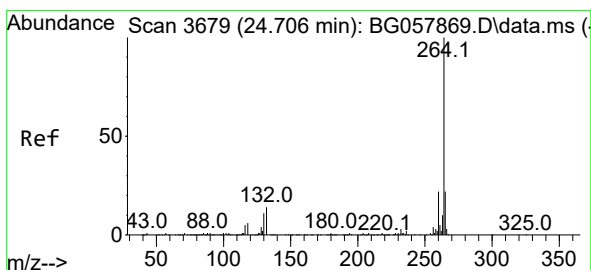
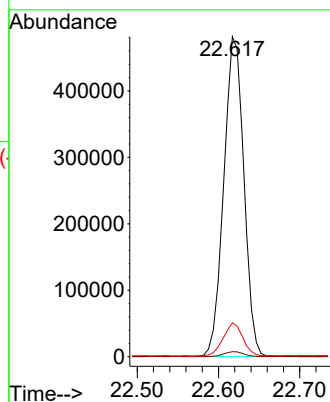
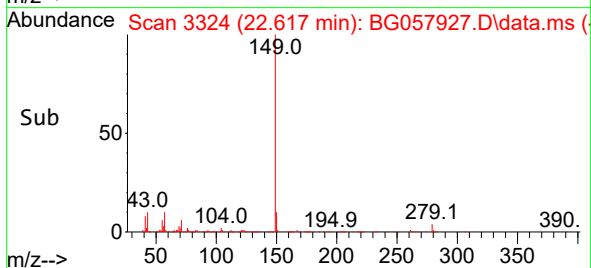
43 9.9 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/05/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.685 min Scan# 3676

Delta R.T. -0.021 min

Lab File: BG057927.D

Acq: 30 Jun 2023 20:28

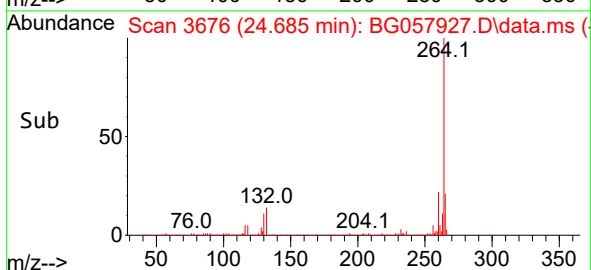
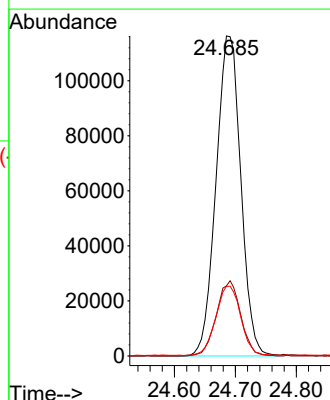
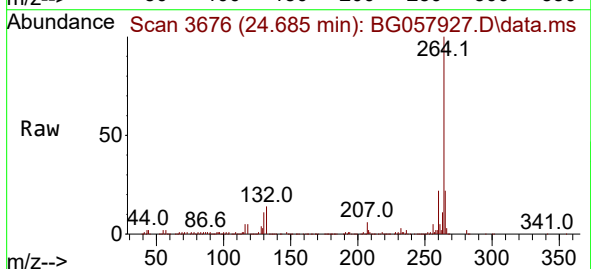
Tgt Ion:264 Resp: 328371

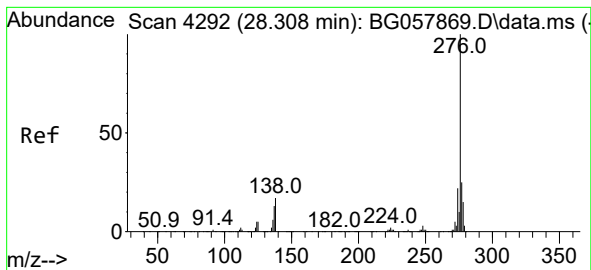
Ion Ratio Lower Upper

264 100

260 21.9 17.8 26.8

265 21.7 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.461 ng

RT: 28.275 min Scan# 41

Delta R.T. -0.033 min

Lab File: BG057927.D

Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

ClientSampleId :

SB-4-(22-26)MSD

Tgt Ion:276 Resp: 967158

Ion Ratio Lower Upper

276 100

138 15.6 12.2 18.4

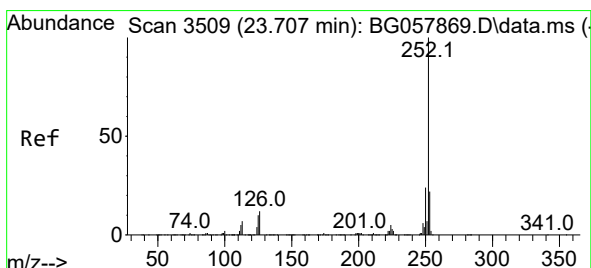
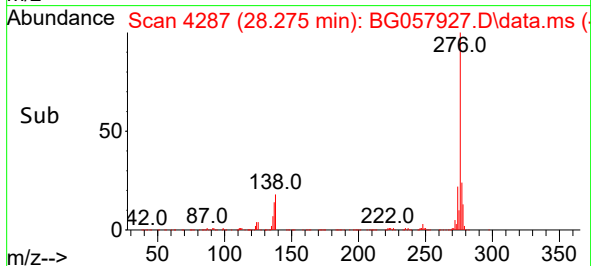
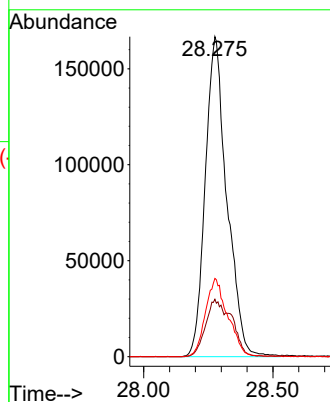
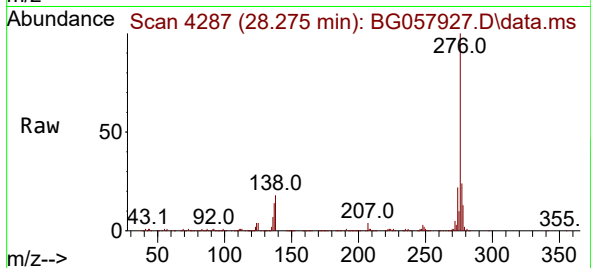
277 25.2 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/05/2023



#88

Benzo(b)fluoranthene

Concen: 45.425 ng

RT: 23.692 min Scan# 3507

Delta R.T. -0.015 min

Lab File: BG057927.D

Acq: 30 Jun 2023 20:28

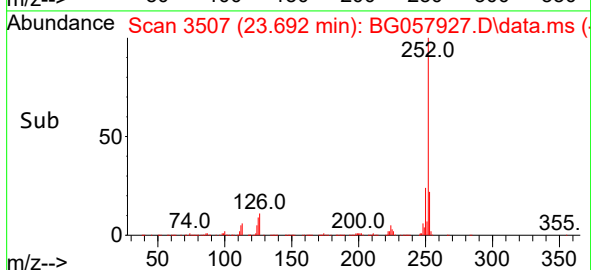
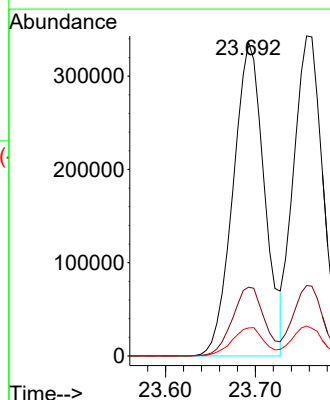
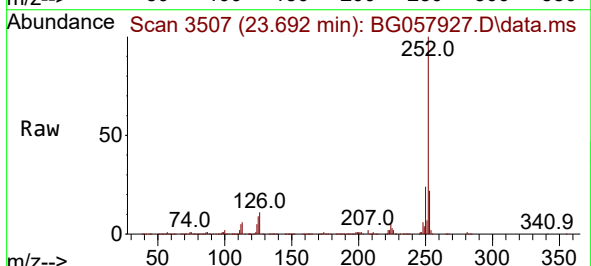
Tgt Ion:252 Resp: 813557

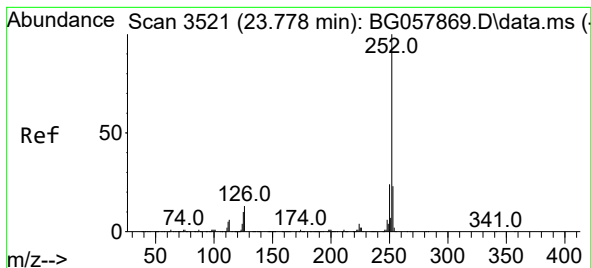
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.9 7.7 11.5





#89

Benzo(k)fluoranthene

Concen: 42.645 ng

RT: 23.757 min Scan# 3518

Delta R.T. -0.021 min

Lab File: BG057927.D

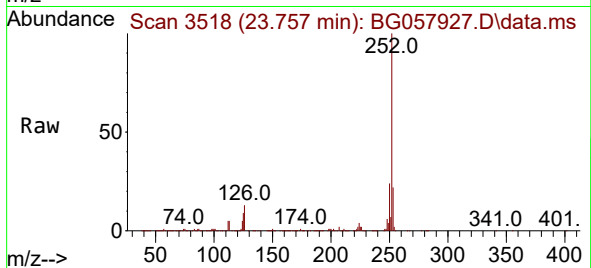
Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

ClientSampleId :

SB-4-(22-26)MSD



Tgt Ion:252 Resp: 77193

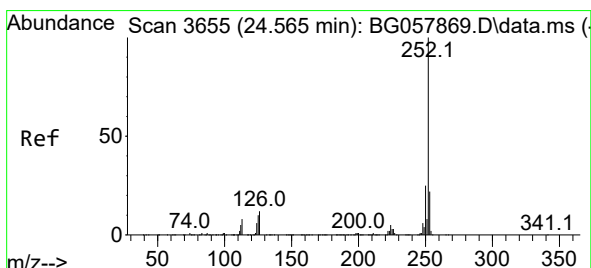
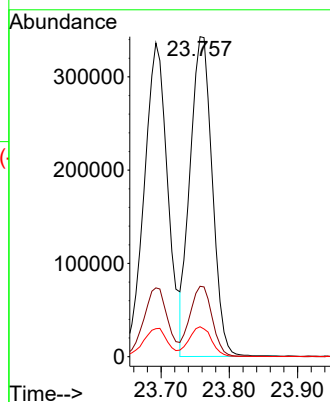
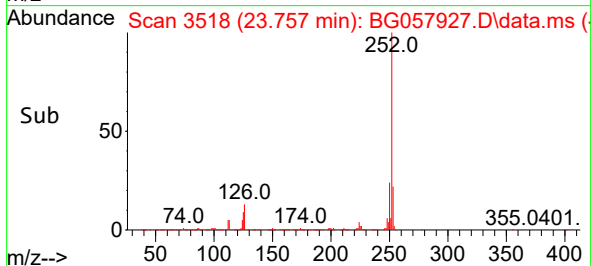
Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	9.3	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/05/2023



#90

Benzo(a)pyrene

Concen: 40.507 ng

RT: 24.544 min Scan# 3652

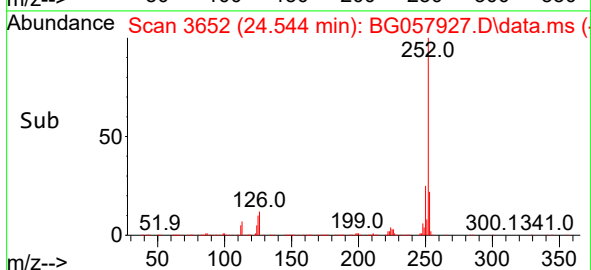
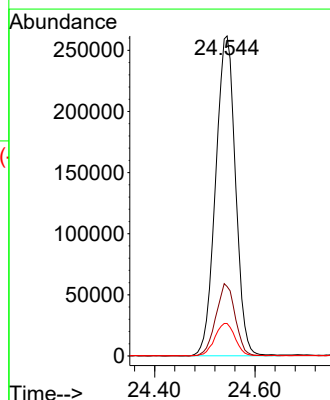
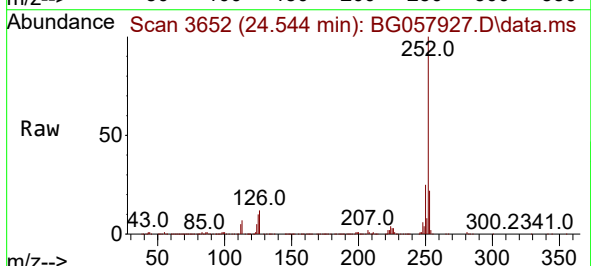
Delta R.T. -0.021 min

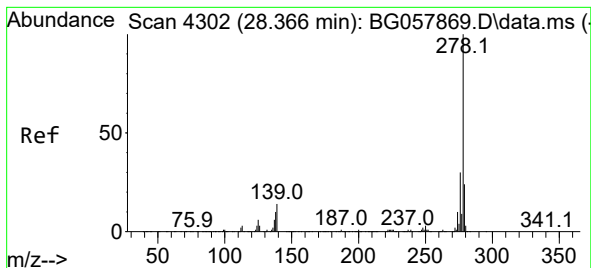
Lab File: BG057927.D

Acq: 30 Jun 2023 20:28

Tgt Ion:252 Resp: 718648

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	10.2	8.0	12.0





#91

Dibenzo(a,h)anthracene

Concen: 44.444 ng

RT: 28.340 min Scan# 41

Delta R.T. -0.027 min

Lab File: BG057927.D

Acq: 30 Jun 2023 20:28

Instrument :

BNA_G

ClientSampleId :

SB-4-(22-26)MSD

Tgt Ion:278 Resp: 80198

Ion Ratio Lower Upper

278 100

139 13.3 11.0 16.4

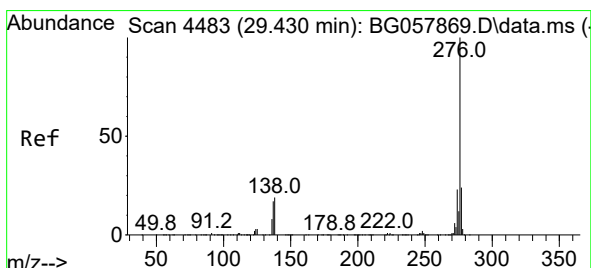
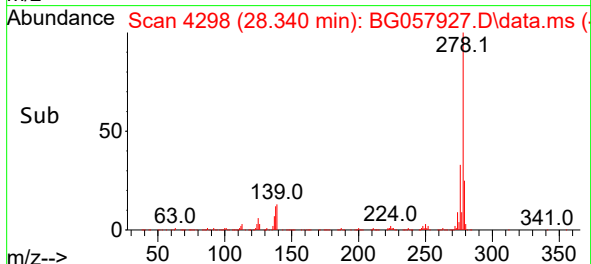
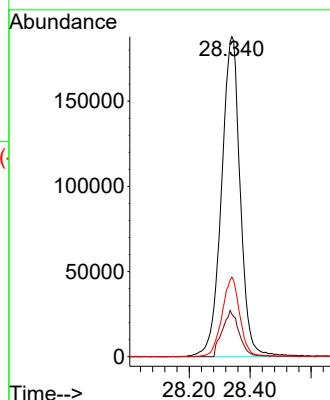
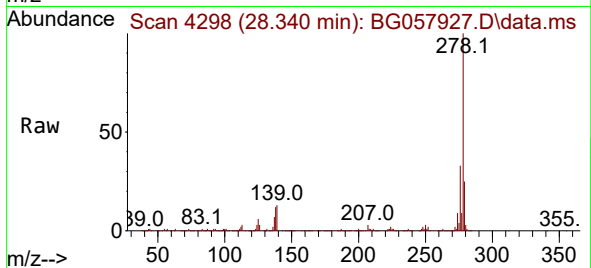
279 24.8 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/05/2023



#92

Benzo(g,h,i)perylene

Concen: 44.319 ng

RT: 29.397 min Scan# 4478

Delta R.T. -0.032 min

Lab File: BG057927.D

Acq: 30 Jun 2023 20:28

Tgt Ion:276 Resp: 794787

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.2

138 18.6 15.0 22.6

