

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
 Data File : BG057542.D
 Acq On : 24 May 2023 20:16
 Operator : CG/JU
 Sample : 02899-06MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB08MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/25/2023
 Supervised By : Jagrut Upadhyay 05/25/2023

Quant Time: May 25 02:26:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 02:19:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.355	152	18839	20.000	ng	-0.01
21) Naphthalene-d8	11.198	136	71475	20.000	ng	0.00
39) Acenaphthene-d10	14.976	164	50258	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	130936	20.000	ng	-0.01
76) Chrysene-d12	22.019	240	127111	20.000	ng	-0.02
86) Perylene-d12	25.520	264	137429	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	110588	100.416	ng	0.00
7) Phenol-d6	7.503	99	158105	94.539	ng	0.00
23) Nitrobenzene-d5	9.536	82	96517	56.676	ng	-0.01
42) 2,4,6-Tribromophenol	16.456	330	77000	107.978	ng	-0.01
45) 2-Fluorobiphenyl	13.595	172	227658	61.007	ng	-0.01
79) Terphenyl-d14	20.274	244	471106	60.483	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.667	88	20925	45.953	ng	99
3) Pyridine	4.096	79	57543	39.322	ng	94
4) n-Nitrosodimethylamine	4.002	42	28789	41.863	ng	89
6) Aniline	7.668	93	73305	34.553	ng	94
8) 2-Chlorophenol	7.921	128	61696	53.016	ng	97
9) Benzaldehyde	7.480	77	43085	50.393	ng	96
10) Phenol	7.533	94	83709	51.347	ng	95
11) bis(2-Chloroethyl)ether	7.756	93	58398	47.504	ng	99
12) 1,3-Dichlorobenzene	8.244	146	69466	54.085	ng	97
13) 1,4-Dichlorobenzene	8.390	146	69910	54.188	ng	96
14) 1,2-Dichlorobenzene	8.719	146	68546	55.037	ng	96
15) Benzyl Alcohol	8.596	79	64882	46.570	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.872	45	72003	46.471	ng	96
17) 2-Methylphenol	8.802	107	55876	47.547	ng	98
18) Hexachloroethane	9.454	117	25216	54.161	ng	96
19) n-Nitroso-di-n-propyla...	9.160	70	52008	40.784	ng	96
20) 3+4-Methylphenols	9.131	107	77183	47.965	ng	95
22) Acetophenone	9.189	105	99039	48.413	ng	# 96
24) Nitrobenzene	9.583	77	78108	45.442	ng	97
25) Isophorone	10.100	82	137001	41.487	ng	99
26) 2-Nitrophenol	10.300	139	36144	54.936	ng	90
27) 2,4-Dimethylphenol	10.341	122	61318	53.225	ng	97
28) bis(2-Chloroethoxy)met...	10.570	93	76290	46.115	ng	98
29) 2,4-Dichlorophenol	10.840	162	65745	53.806	ng	95
30) 1,2,4-Trichlorobenzene	11.052	180	71464	50.707	ng	98
31) Naphthalene	11.245	128	190154	49.764	ng	99
32) Benzoic acid	10.499	122	35265	52.584	ng	92
33) 4-Chloroaniline	11.351	127	56461	32.903	ng	98
34) Hexachlorobutadiene	11.516	225	51381	49.133	ng	97
35) Caprolactam	12.127	113	21712m	52.019	ng	
36) 4-Chloro-3-methylphenol	12.456	107	70591	50.837	ng	97
37) 2-Methylnaphthalene	12.826	142	137612	45.804	ng	97
38) 1-Methylnaphthalene	13.043	142	128793	45.482	ng	99
40) 1,2,4,5-Tetrachloroben...	13.184	216	94617	53.030	ng	99
41) Hexachlorocyclopentadiene	13.155	237	72956	84.670	ng	100
43) 2,4,6-Trichlorophenol	13.425	196	59446	54.688	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
 Data File : BG057542.D
 Acq On : 24 May 2023 20:16
 Operator : CG/JU
 Sample : 02899-06MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB08MS

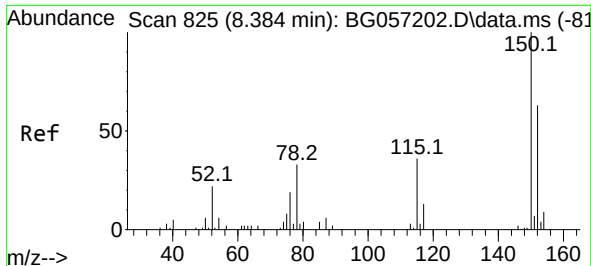
Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/25/2023
 Supervised By : Jagrut Upadhyay 05/25/2023

Quant Time: May 25 02:26:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 02:19:01 2023
 Response via : Initial Calibration

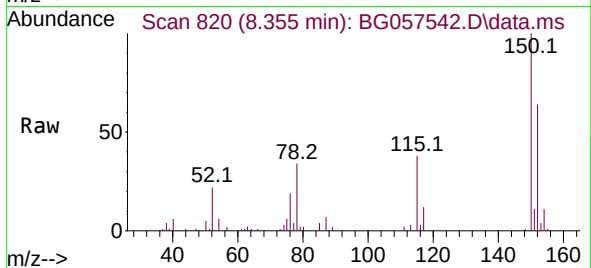
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.507	196	65447	51.185	ng	98
46) 1,1'-Biphenyl	13.807	154	192547	51.630	ng	98
47) 2-Chloronaphthalene	13.865	162	148498	53.547	ng	98
48) 2-Nitroaniline	14.059	65	47115	49.966	ng	94
49) Acenaphthylene	14.700	152	230374	51.133	ng	99
50) Dimethylphthalate	14.412	163	190777	46.193	ng	99
51) 2,6-Dinitrotoluene	14.541	165	43171	51.197	ng	88
52) Acenaphthene	15.034	154	141553	50.279	ng	99
53) 3-Nitroaniline	14.876	138	31745	37.578	ng	89
54) 2,4-Dinitrophenol	15.093	184	61811	116.008	ng	94
55) Dibenzofuran	15.369	168	235179	49.717	ng	98
56) 4-Nitrophenol	15.187	139	67431	120.016	ng	89
57) 2,4-Dinitrotoluene	15.334	165	64182	53.258	ng	91
58) Fluorene	16.015	166	194725	49.976	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.598	232	61484	53.039	ng	99
60) Diethylphthalate	15.757	149	196851	46.935	ng	97
61) 4-Chlorophenyl-phenyle...	15.992	204	112239	47.817	ng	97
62) 4-Nitroaniline	16.039	138	46164	54.169	ng	89
63) Azobenzene	16.286	77	194135	47.973	ng	95
65) 4,6-Dinitro-2-methylph...	16.098	198	46193	59.090	ng	99
66) n-Nitrosodiphenylamine	16.203	169	172782	48.586	ng	100
67) 4-Bromophenyl-phenylether	16.885	248	76214	47.681	ng	99
68) Hexachlorobenzene	17.020	284	82043	52.819	ng	97
69) Atrazine	17.137	200	83930	61.869	ng	96
70) Pentachlorophenol	17.367	266	87763	98.039	ng	97
71) Phenanthrene	17.754	178	341758	50.937	ng	99
72) Anthracene	17.848	178	342950	49.815	ng	98
73) Carbazole	18.113	167	322032	55.563	ng	98
74) Di-n-butylphthalate	18.624	149	365056	54.745	ng	# 98
75) Fluoranthene	19.746	202	439528	52.671	ng	99
77) Benzidine	19.910	184	211595	74.459	ng	99
78) Pyrene	20.104	202	444589	48.133	ng	98
80) Butylbenzylphthalate	20.950	149	163874	55.916	ng	97
81) Benzo(a)anthracene	21.996	228	447529	49.417	ng	99
82) 3,3'-Dichlorobenzidine	21.896	252	113533	39.139	ng	98
83) Chrysene	22.072	228	407461	47.819	ng	99
84) Bis(2-ethylhexyl)phtha...	21.837	149	235125	54.224	ng	98
85) Di-n-octyl phthalate	23.129	149	395927	54.769	ng	97
87) Indeno(1,2,3-cd)pyrene	29.574	276	499851	49.905	ng	99
88) Benzo(b)fluoranthene	24.398	252	449516	50.037	ng	98
89) Benzo(k)fluoranthene	24.469	252	440928	48.300	ng	99
90) Benzo(a)pyrene	25.356	252	399385	45.505	ng	96
91) Dibenzo(a,h)anthracene	29.632	278	418199	50.136	ng	# 97
92) Benzo(g,h,i)perylene	30.848	276	404977	49.723	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.355 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

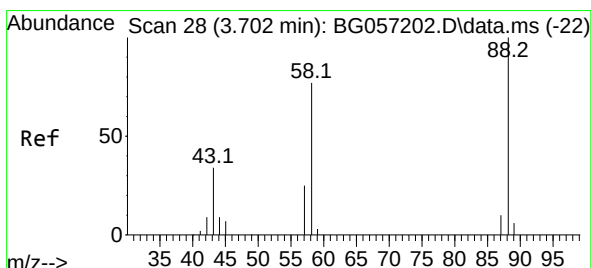
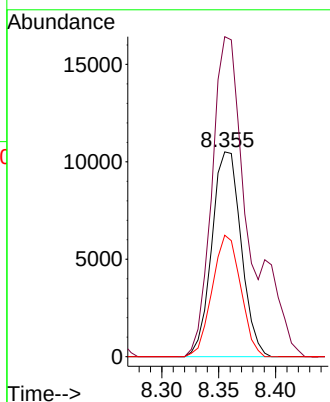
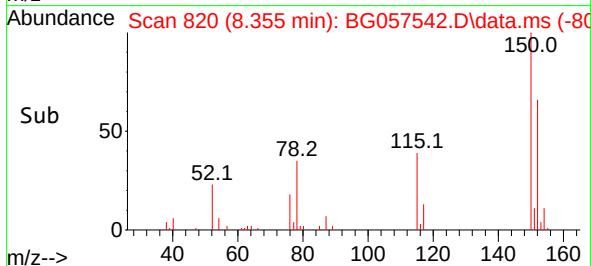
Instrument :
BNA_G
ClientSampleId :
SB08MS



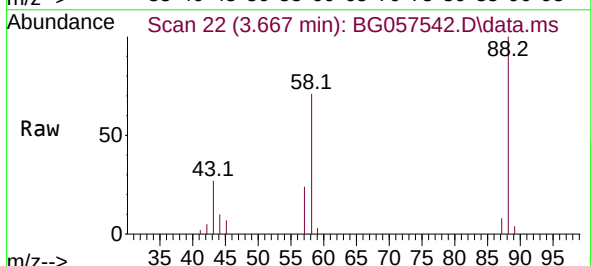
Tgt Ion: 152 Resp: 18839
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.4
115 59.3 45.0 67.4

Manual Integrations
APPROVED

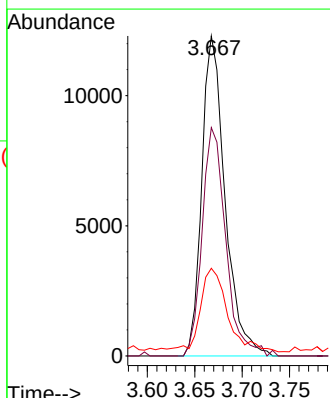
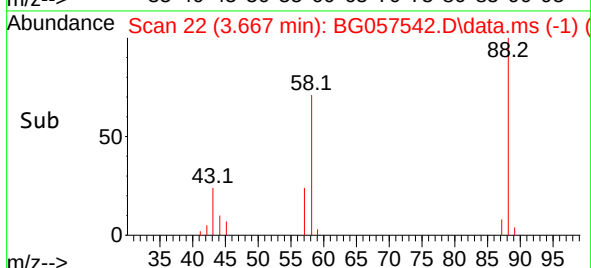
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

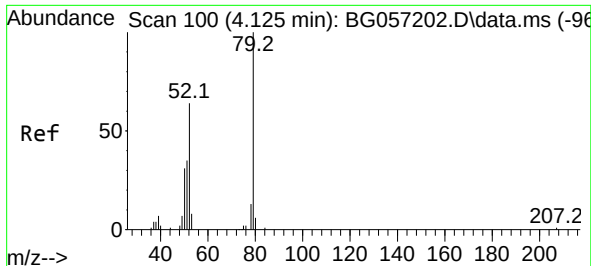


#2
1,4-Dioxane
Concen: 45.953 ng
RT: 3.667 min Scan# 22
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16



Tgt Ion: 88 Resp: 20925
Ion Ratio Lower Upper
88 100
58 72.8 57.1 85.7
43 30.5 24.4 36.6





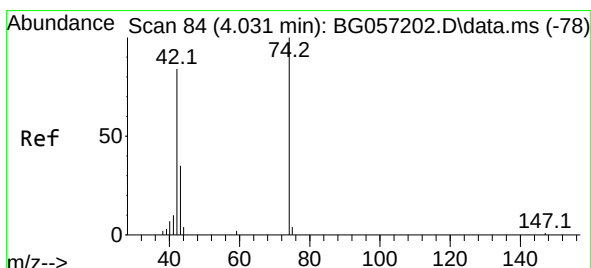
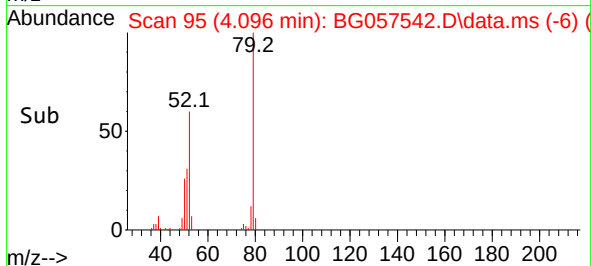
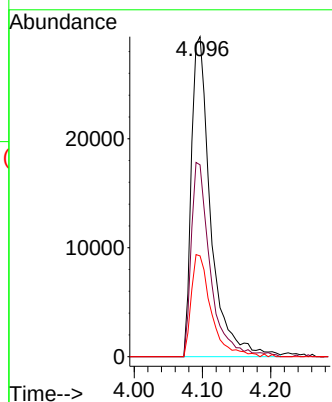
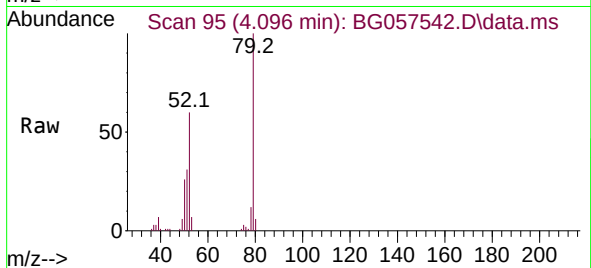
#3
Pyridine
Concen: 39.322 ng
RT: 4.096 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Instrument :
BNA_G
ClientSampleId :
SB08MS

Tgt Ion: 79 Resp: 5754
Ion Ratio Lower Upper
79 100
52 59.9 51.4 77.0
51 31.5 28.0 42.0

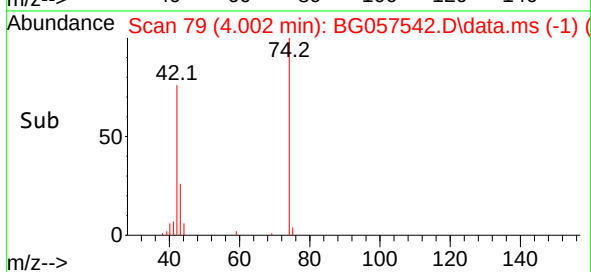
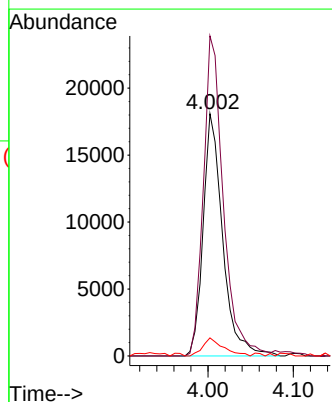
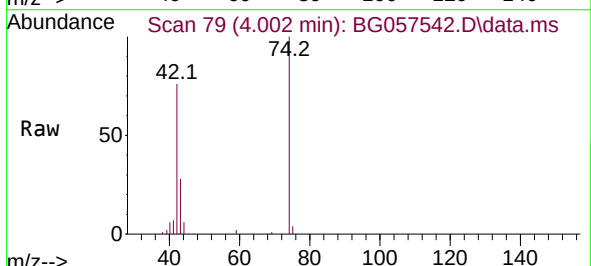
Manual Integrations
APPROVED

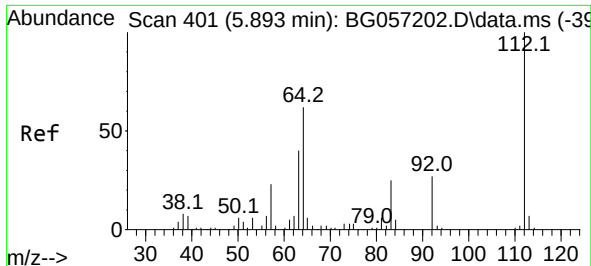
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#4
n-Nitrosodimethylamine
Concen: 41.863 ng
RT: 4.002 min Scan# 79
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion: 42 Resp: 28789
Ion Ratio Lower Upper
42 100
74 132.1 95.1 142.7
44 7.5 5.8 8.8





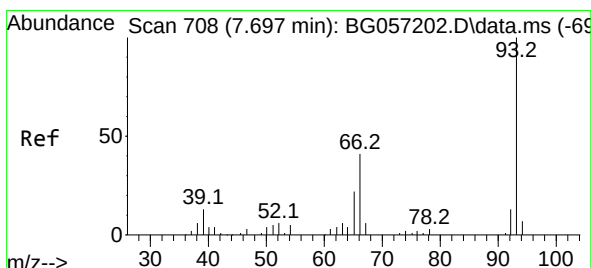
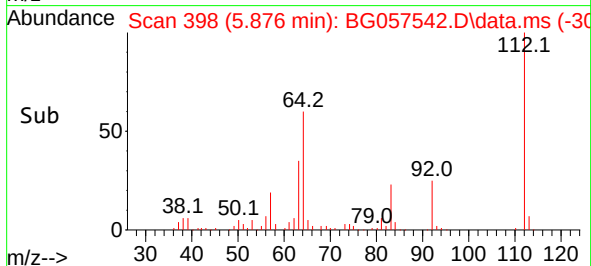
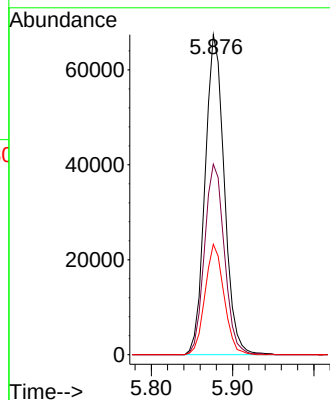
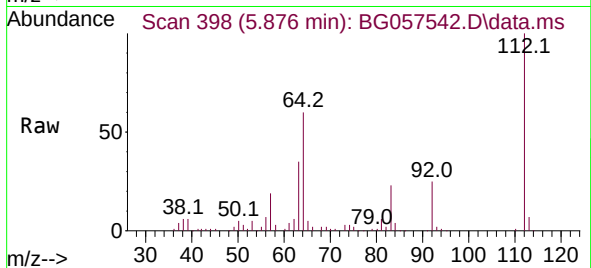
#5
2-Fluorophenol
Concen: 100.416 ng
RT: 5.876 min Scan# 398
Delta R.T. 0.001 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Instrument :
BNA_G
ClientSampleId :
SB08MS

Tgt Ion:112 Resp: 11058
Ion Ratio Lower Upper
112 100
64 59.5 49.4 74.2
63 34.5 31.6 47.4

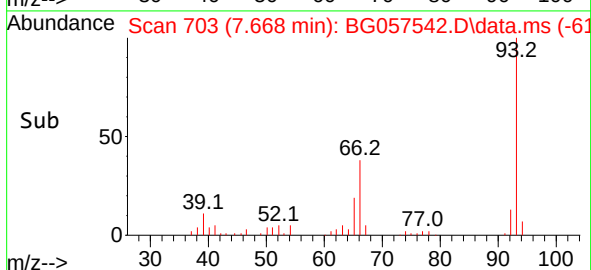
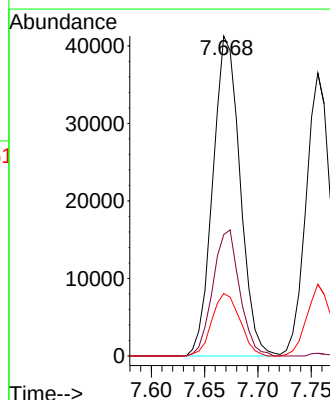
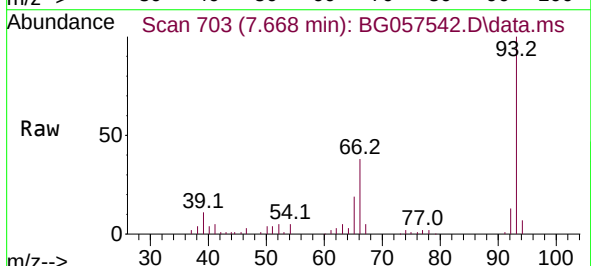
Manual Integrations
APPROVED

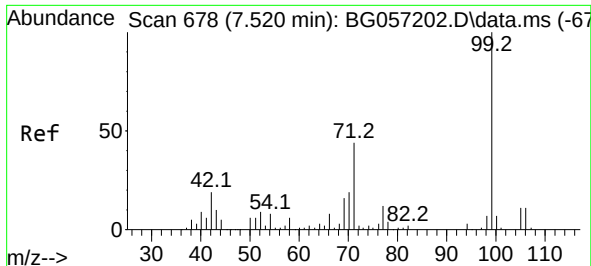
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#6
Aniline
Concen: 34.553 ng
RT: 7.668 min Scan# 703
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

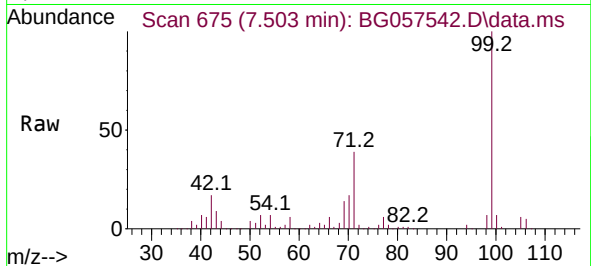
Tgt Ion: 93 Resp: 73305
Ion Ratio Lower Upper
93 100
66 37.9 33.0 49.6
65 19.5 18.0 27.0





#7
Phenol-d6
Concen: 94.539 ng
RT: 7.503 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

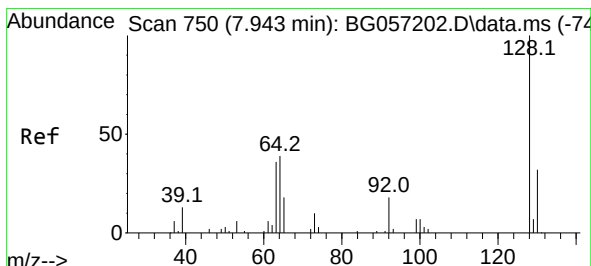
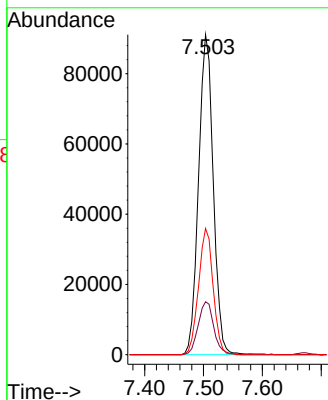
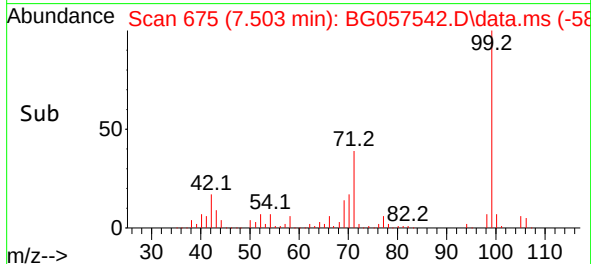
Instrument :
BNA_G
ClientSampleId :
SB08MS



Tgt Ion: 99 Resp: 15810
Ion Ratio Lower Upper
99 100
42 16.5 15.1 22.7
71 39.4 35.2 52.8

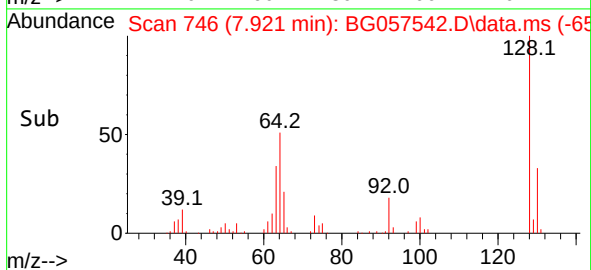
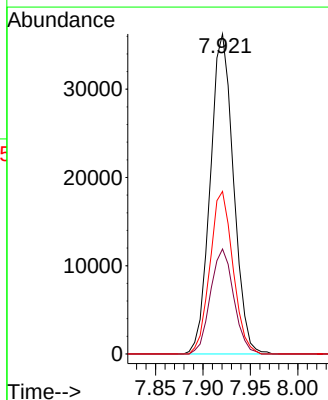
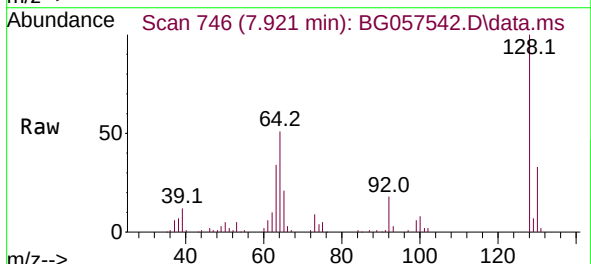
Manual Integrations
APPROVED

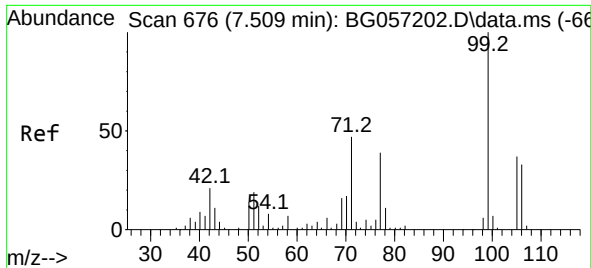
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#8
2-Chlorophenol
Concen: 53.016 ng
RT: 7.921 min Scan# 746
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:128 Resp: 61696
Ion Ratio Lower Upper
128 100
130 32.8 12.2 52.2
64 50.8 28.4 68.4





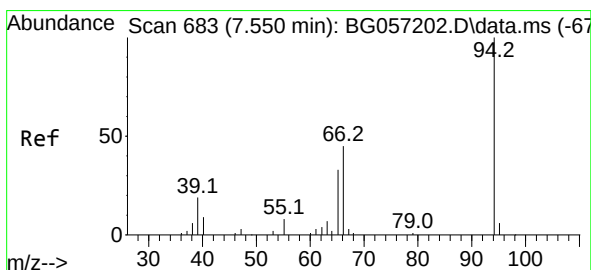
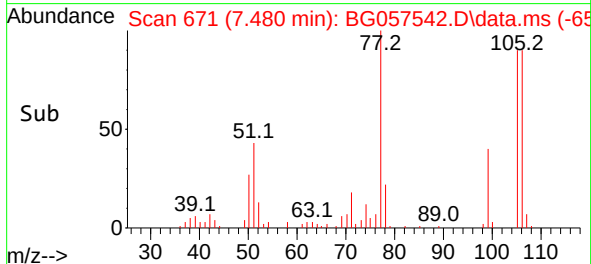
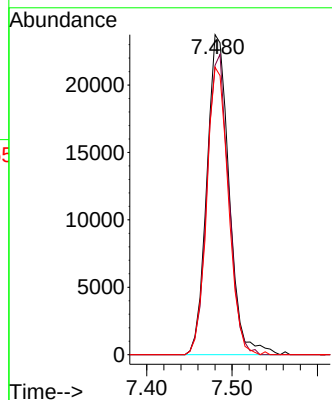
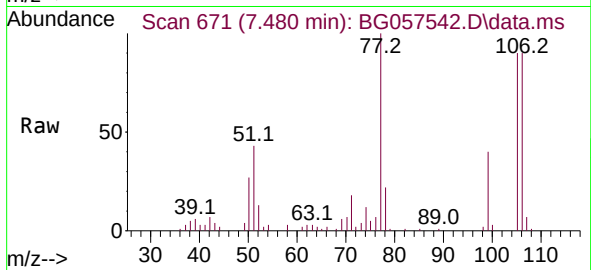
#9
Benzaldehyde
Concen: 50.393 ng
RT: 7.480 min Scan# 61
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Instrument :
BNA_G
ClientSampleId :
SB08MS

Tgt Ion: 77 Resp: 4308
Ion Ratio Lower Upper
77 100
105 90.4 74.6 114.6
106 89.8 66.3 106.3

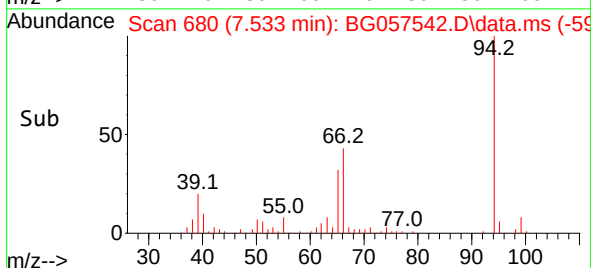
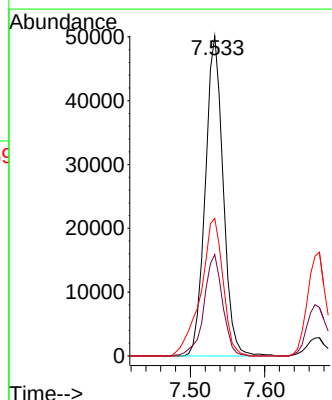
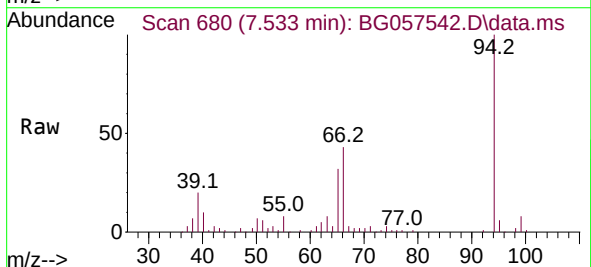
Manual Integrations
APPROVED

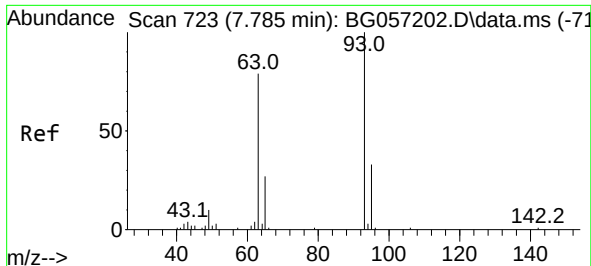
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#10
Phenol
Concen: 51.347 ng
RT: 7.533 min Scan# 680
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion: 94 Resp: 83709
Ion Ratio Lower Upper
94 100
65 31.7 13.5 53.5
66 43.0 26.7 66.7





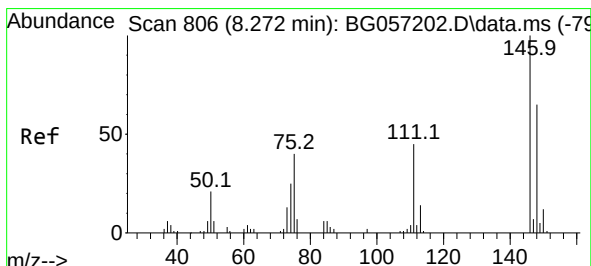
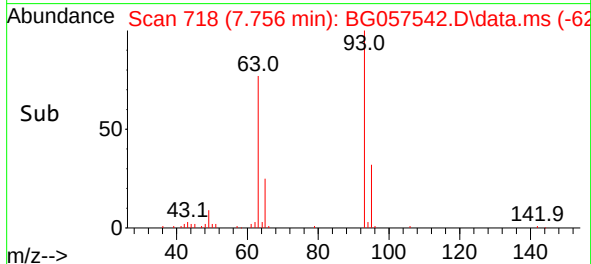
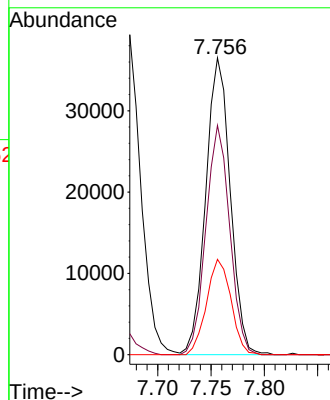
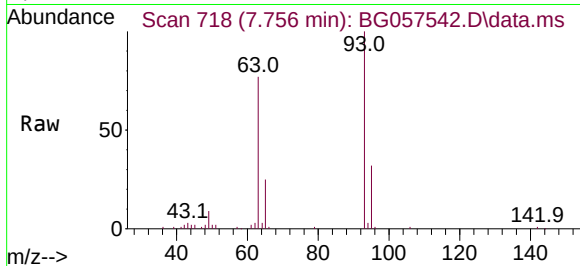
#11
bis(2-Chloroethyl)ether
Concen: 47.504 ng
RT: 7.756 min Scan# 718
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Instrument :
BNA_G
ClientSampleId :
SB08MS

Tgt Ion: 93 Resp: 58398
Ion Ratio Lower Upper
93 100
63 77.2 58.6 98.6
95 32.1 12.2 52.2

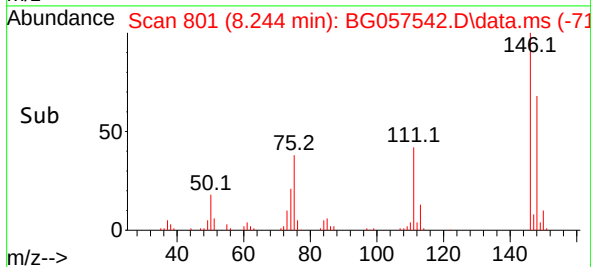
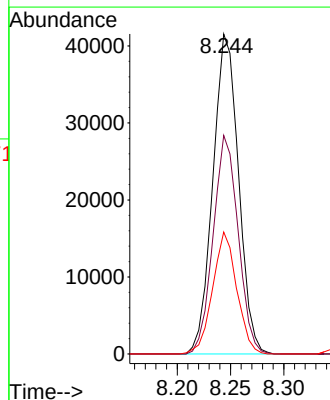
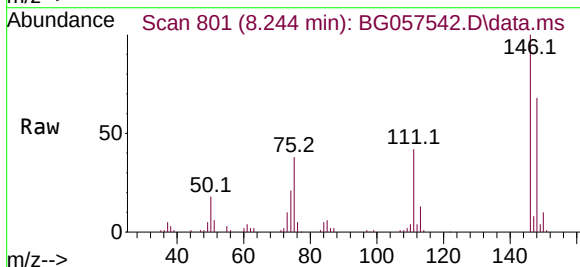
Manual Integrations
APPROVED

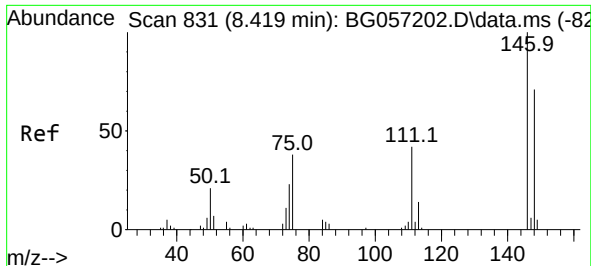
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#12
1,3-Dichlorobenzene
Concen: 54.085 ng
RT: 8.244 min Scan# 801
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

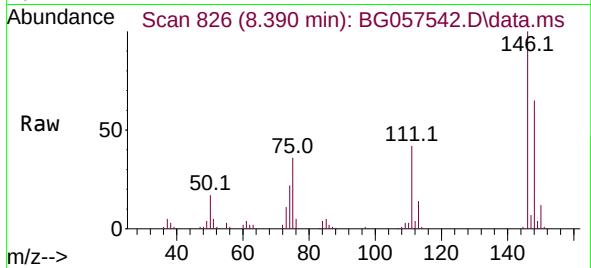
Tgt Ion:146 Resp: 69466
Ion Ratio Lower Upper
146 100
148 68.3 52.2 78.2
75 38.1 31.7 47.5





#13
1,4-Dichlorobenzene
Concen: 54.188 ng
RT: 8.390 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

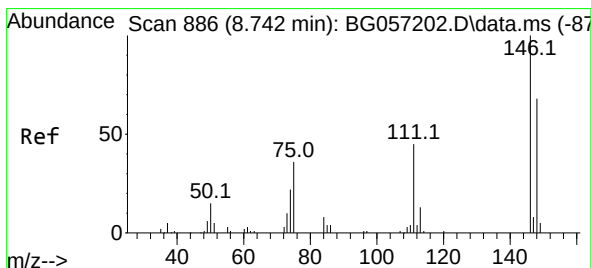
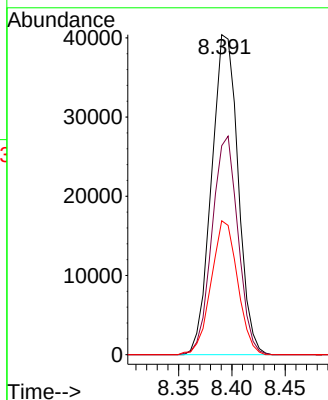
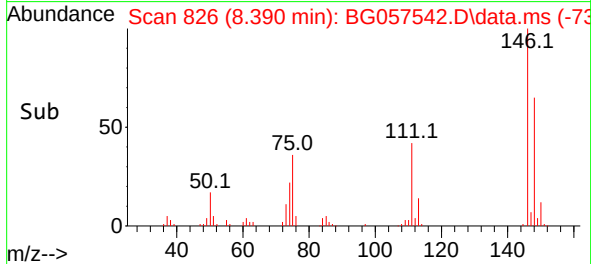
Instrument :
BNA_G
ClientSampleId :
SB08MS



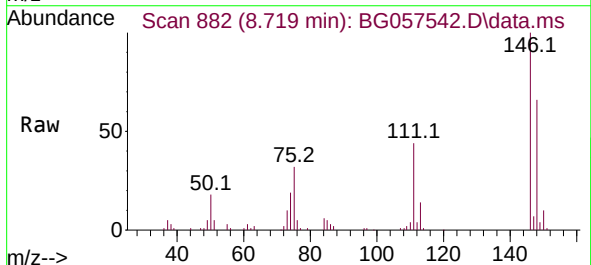
Tgt Ion:146 Resp: 69910
Ion Ratio Lower Upper
146 100
148 65.3 56.4 84.6
111 41.8 33.8 50.6

Manual Integrations
APPROVED

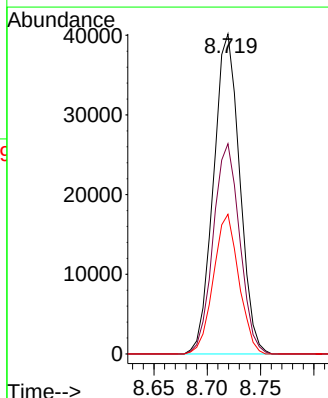
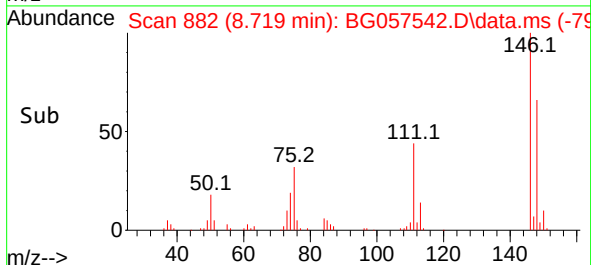
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

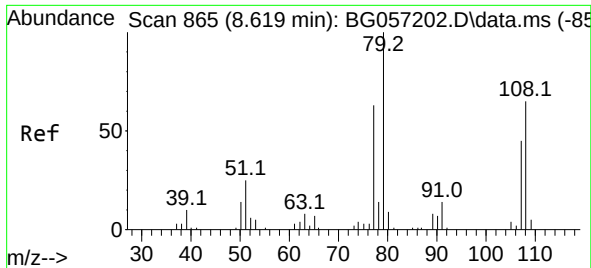


#14
1,2-Dichlorobenzene
Concen: 55.037 ng
RT: 8.719 min Scan# 882
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16



Tgt Ion:146 Resp: 68546
Ion Ratio Lower Upper
146 100
148 65.7 54.6 82.0
111 43.6 37.2 55.8





#15
Benzyl Alcohol
Concen: 46.570 ng
RT: 8.596 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Instrument :

BNA_G

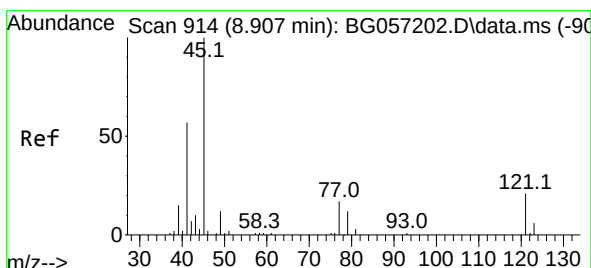
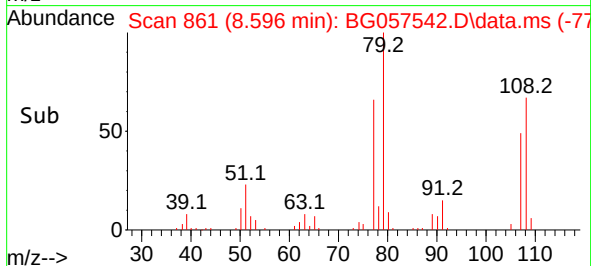
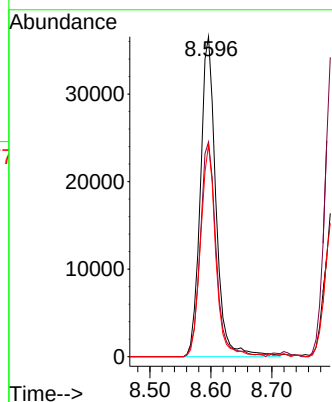
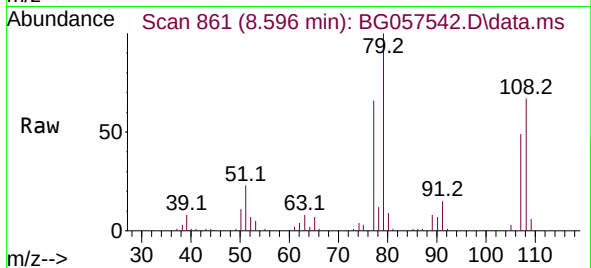
ClientSampleId :

SB08MS

Tgt Ion: 79 Resp: 6488
Ion Ratio Lower Upper
79 100
108 67.1 52.2 78.2
77 66.2 50.1 75.1

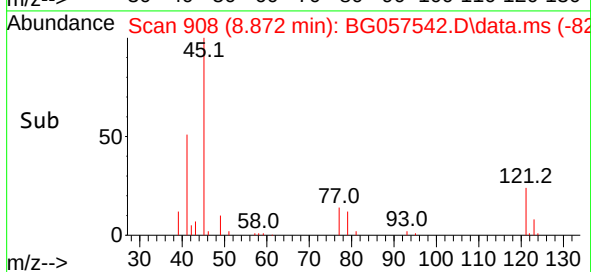
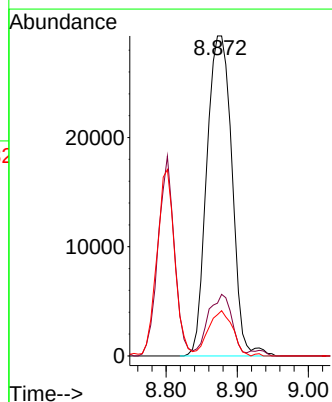
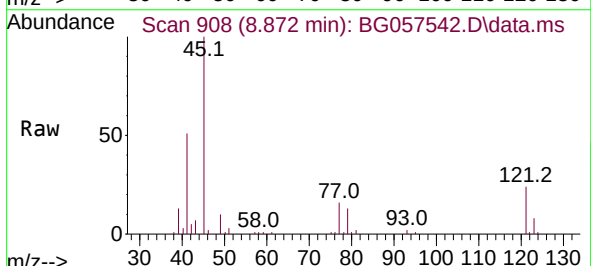
Manual Integrations
APPROVED

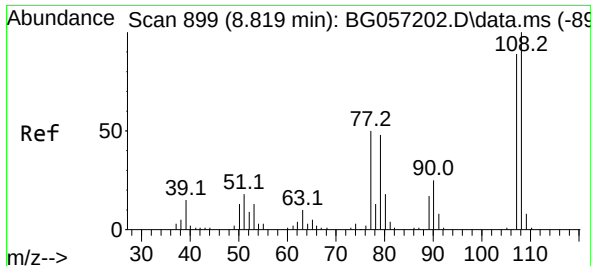
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.471 ng
RT: 8.872 min Scan# 908
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

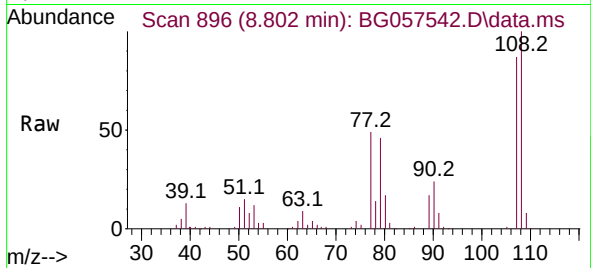
Tgt Ion: 45 Resp: 72003
Ion Ratio Lower Upper
45 100
77 16.5 0.0 38.5
79 12.9 0.0 33.8





#17
2-Methylphenol
Concen: 47.547 ng
RT: 8.802 min Scan# 899
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

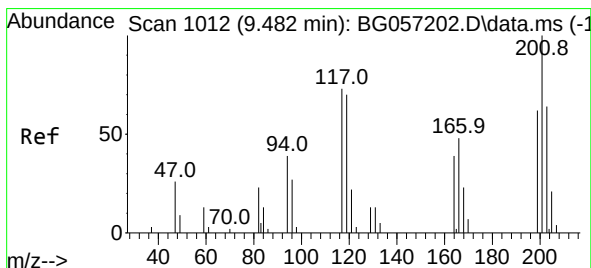
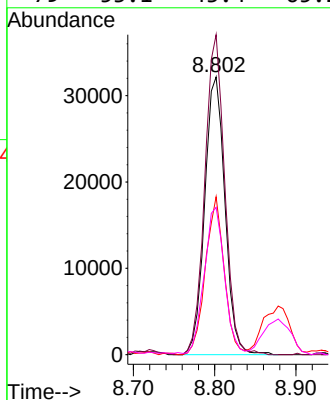
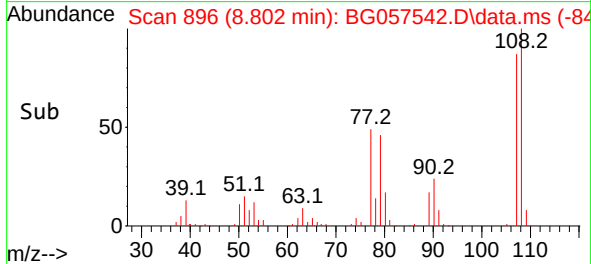
Instrument :
BNA_G
ClientSampleId :
SB08MS



Tgt Ion:	107	Resp:	55870
Ion Ratio	Lower	Upper	
107	100		
108	115.2	89.5	134.3
77	56.9	45.1	67.7
79	53.1	43.4	65.2

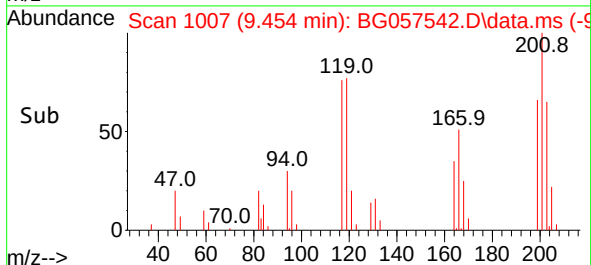
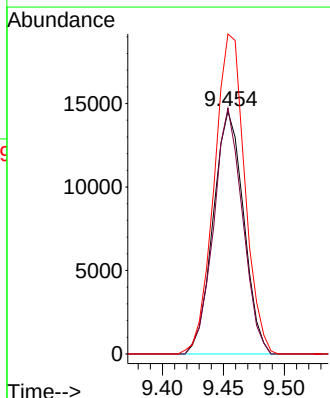
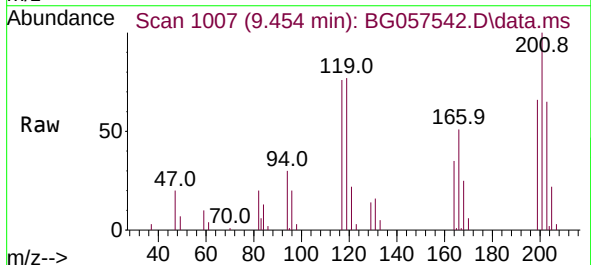
Manual Integrations
APPROVED

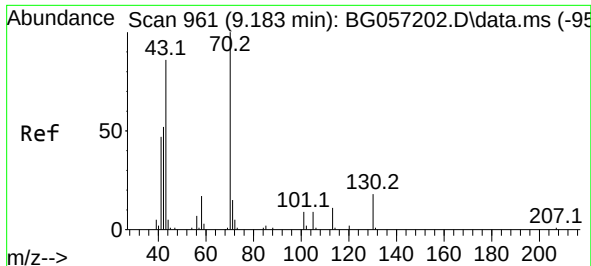
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#18
Hexachloroethane
Concen: 54.161 ng
RT: 9.454 min Scan# 1007
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

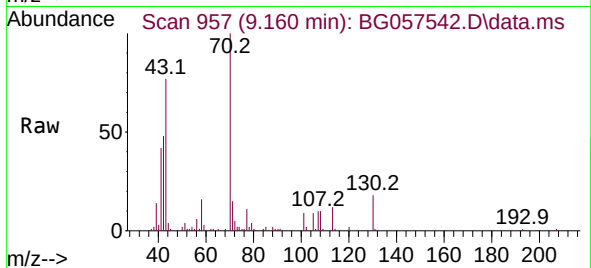
Tgt Ion:	117	Resp:	25216
Ion Ratio	Lower	Upper	
117	100		
119	101.3	76.7	115.1
201	131.8	109.0	163.4





#19
n-Nitroso-di-n-propylamine
Concen: 40.784 ng
RT: 9.160 min Scan# 910
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

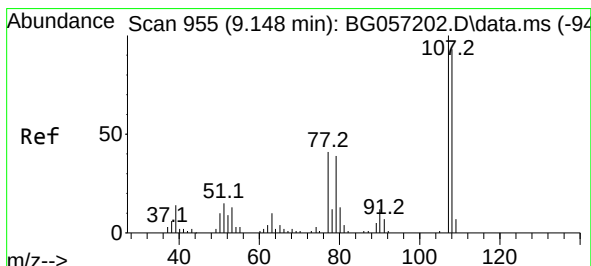
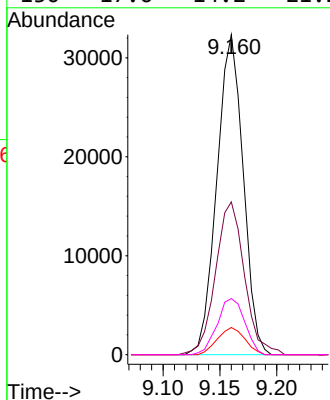
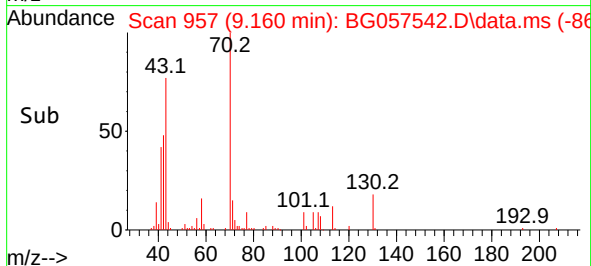
Instrument :
BNA_G
ClientSampleId :
SB08MS



Tgt Ion: 70 Resp: 52008
Ion Ratio Lower Upper
70 100
42 47.8 41.8 62.8
101 8.5 6.8 10.2
130 17.6 14.2 21.2

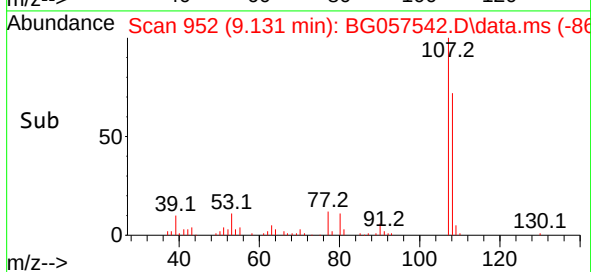
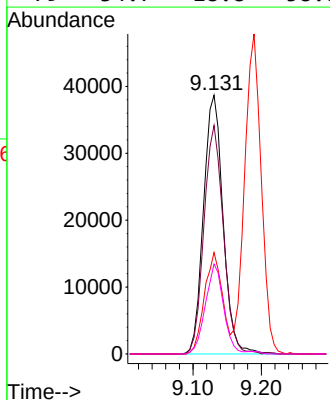
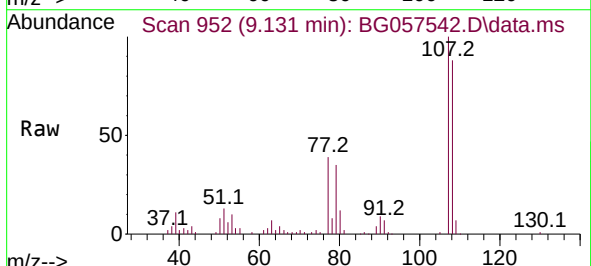
Manual Integrations
APPROVED

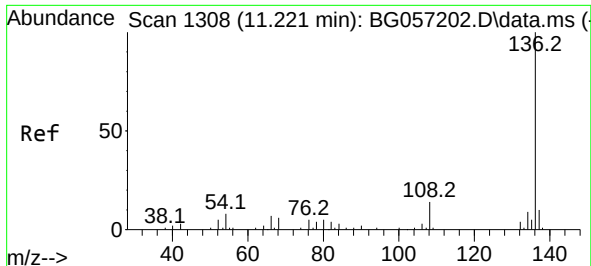
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#20
3+4-Methylphenols
Concen: 47.965 ng
RT: 9.131 min Scan# 952
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:107 Resp: 77183
Ion Ratio Lower Upper
107 100
108 88.3 73.5 113.5
77 39.2 21.1 61.1
79 34.7 18.8 58.8





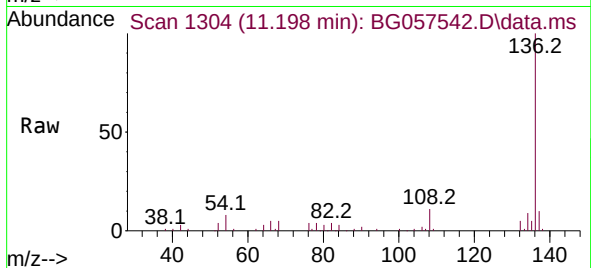
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.198 min Scan# 11198
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SB08MS

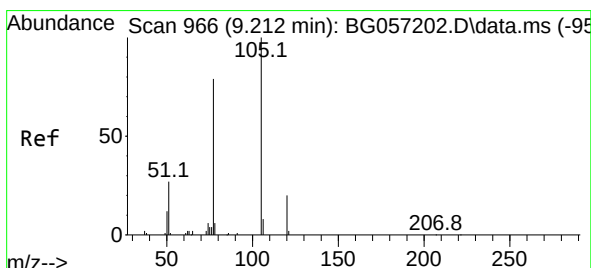
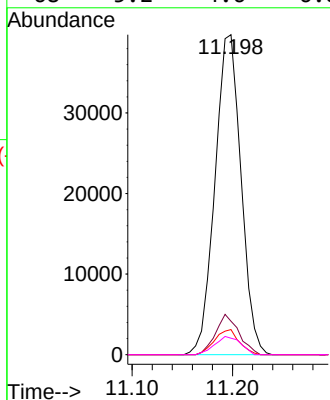
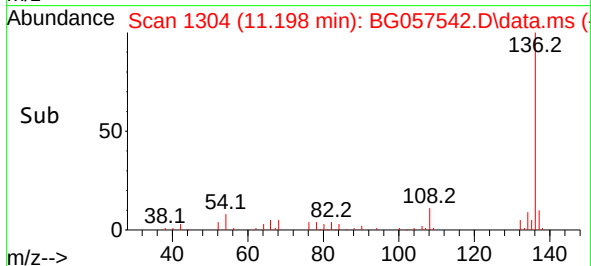


Tgt Ion:136 Resp: 71475
Ion Ratio Lower Upper
136 100
137 10.4 8.3 12.5
54 7.8 6.7 10.1
68 5.2 4.6 6.8

Manual Integrations

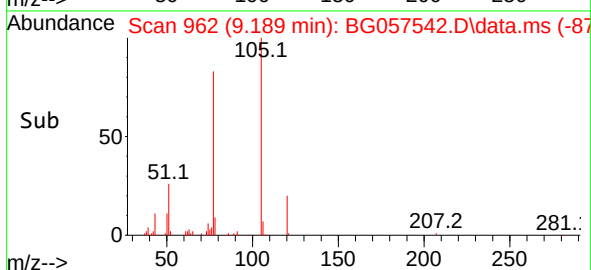
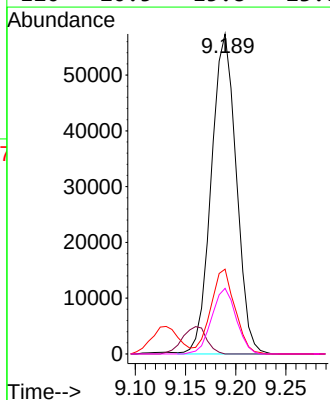
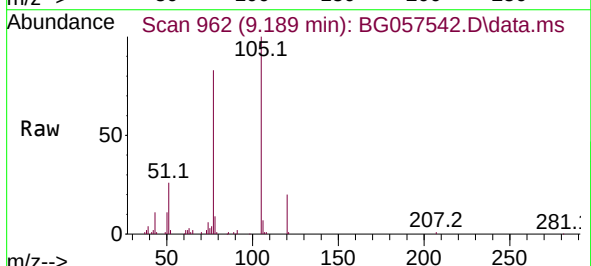
APPROVED

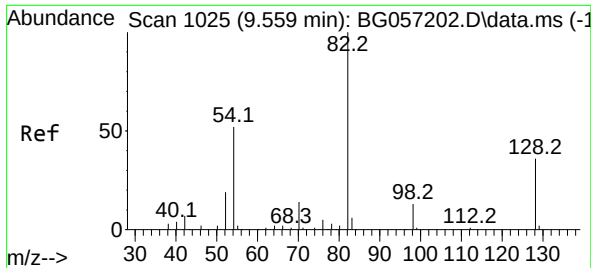
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#22
Acetophenone
Concen: 48.413 ng
RT: 9.189 min Scan# 962
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:105 Resp: 99039
Ion Ratio Lower Upper
105 100
71 0.0 0.4 0.6#
51 26.5 24.0 36.0
120 20.5 15.8 23.8





#23
Nitrobenzene-d5
Concen: 56.676 ng
RT: 9.536 min Scan# 1021
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

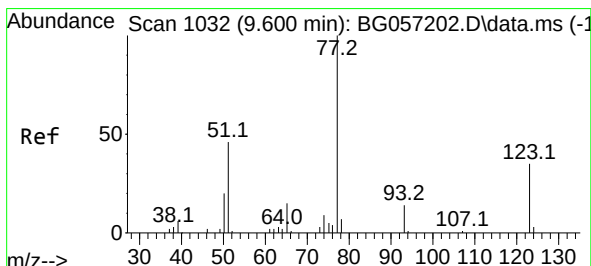
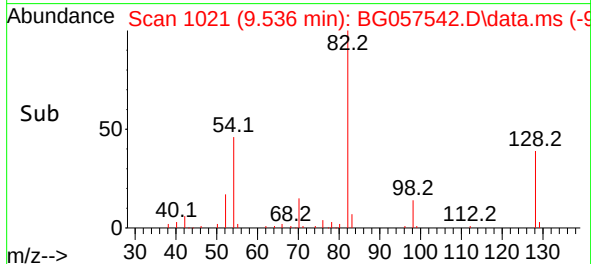
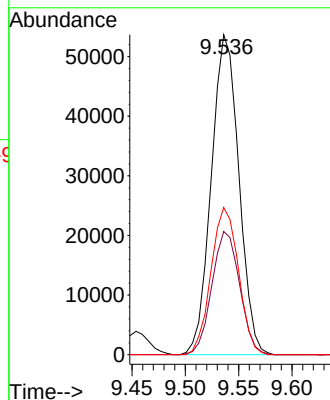
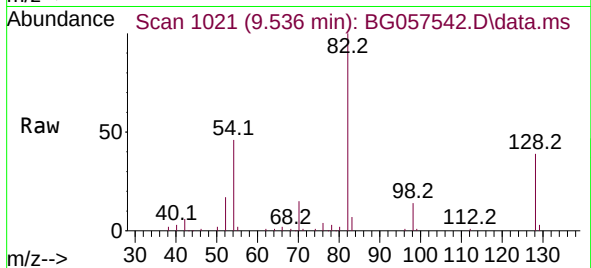
SB08MS

Tgt Ion: 82 Resp: 9651
Ion Ratio Lower Upper
82 100
128 38.5 29.0 43.4
54 46.0 41.4 62.0

Manual Integrations

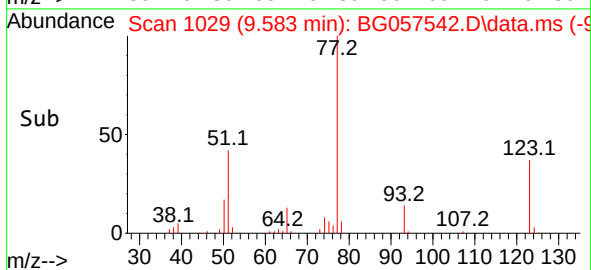
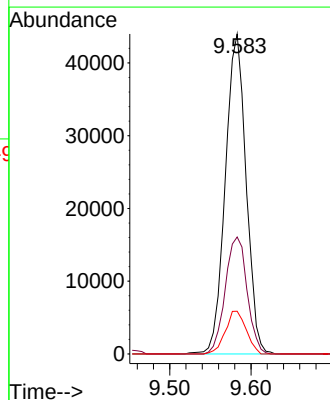
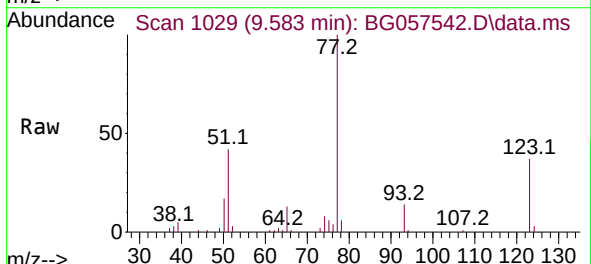
APPROVED

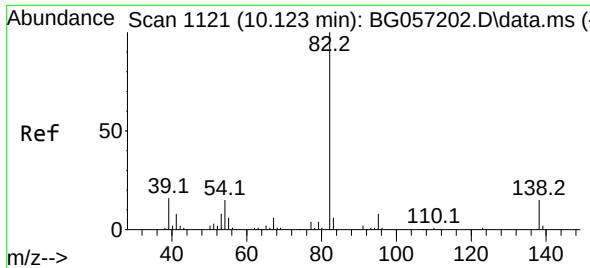
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#24
Nitrobenzene
Concen: 45.442 ng
RT: 9.583 min Scan# 1029
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

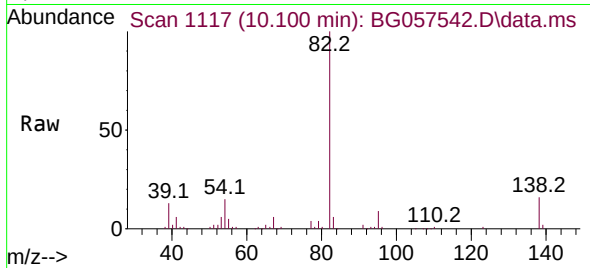
Tgt Ion: 77 Resp: 78108
Ion Ratio Lower Upper
77 100
123 36.5 28.2 42.2
65 13.4 11.7 17.5





#25
Isophorone
Concen: 41.487 ng
RT: 10.100 min Scan# 1117
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

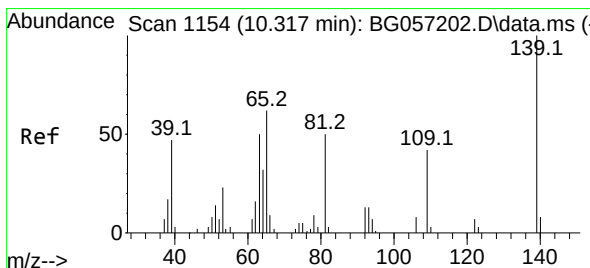
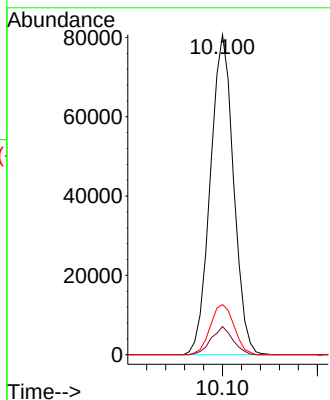
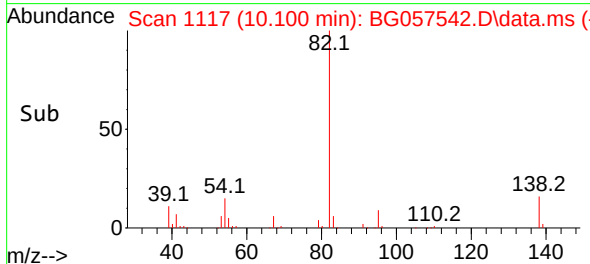
Instrument :
BNA_G
ClientSampleId :
SB08MS



Tgt Ion: 82 Resp: 13700
Ion Ratio Lower Upper
82 100
95 8.8 6.4 9.6
138 15.7 12.3 18.5

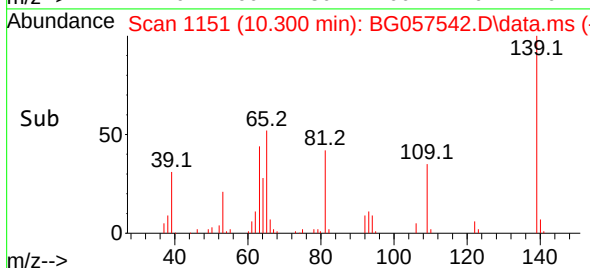
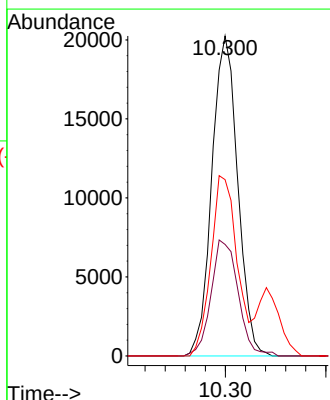
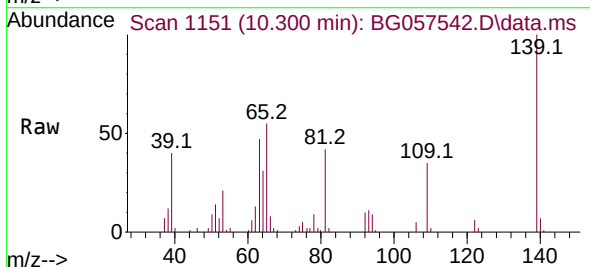
Manual Integrations
APPROVED

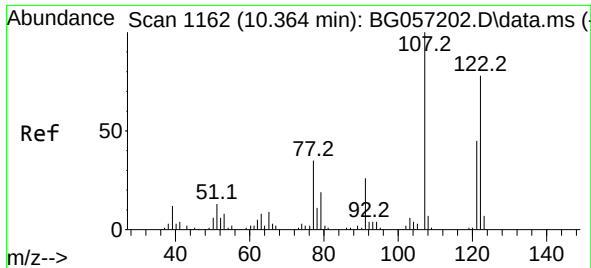
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#26
2-Nitrophenol
Concen: 54.936 ng
RT: 10.300 min Scan# 1151
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

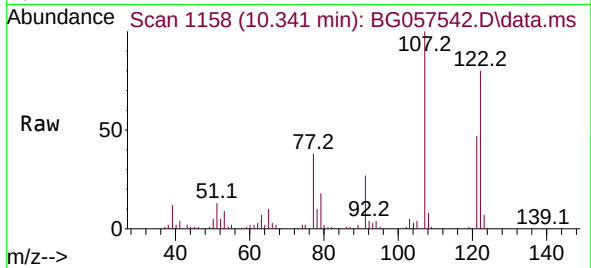
Tgt Ion:139 Resp: 36144
Ion Ratio Lower Upper
139 100
109 34.8 33.4 50.2
65 55.1 49.8 74.6





#27
2,4-Dimethylphenol
Concen: 53.225 ng
RT: 10.341 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

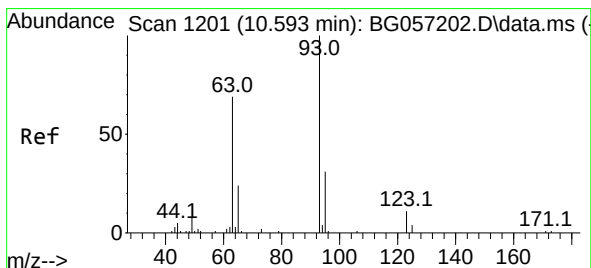
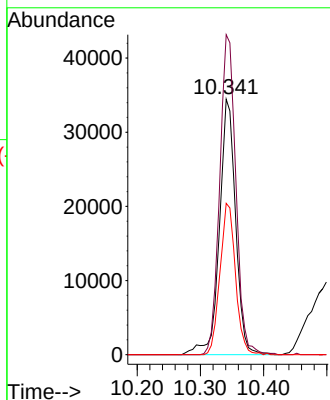
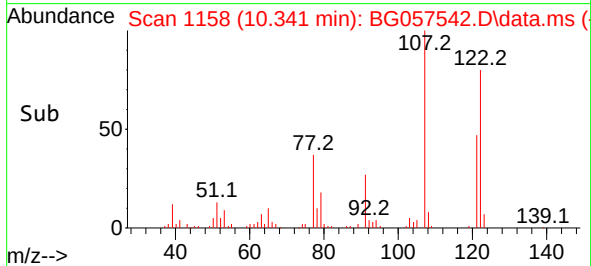
Instrument :
BNA_G
ClientSampleId :
SB08MS



Tgt Ion:122 Resp: 61318
Ion Ratio Lower Upper
122 100
107 125.2 103.0 154.4
121 59.2 45.9 68.9

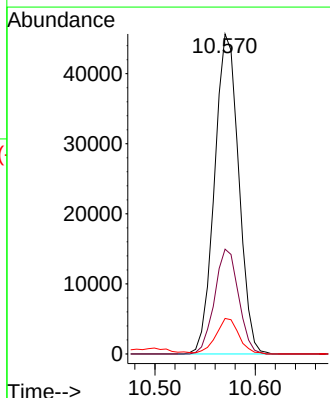
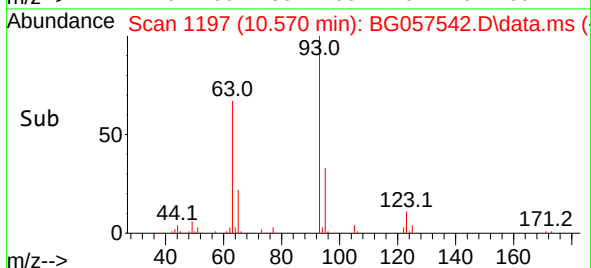
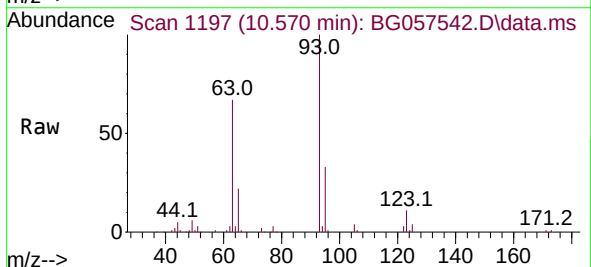
Manual Integrations
APPROVED

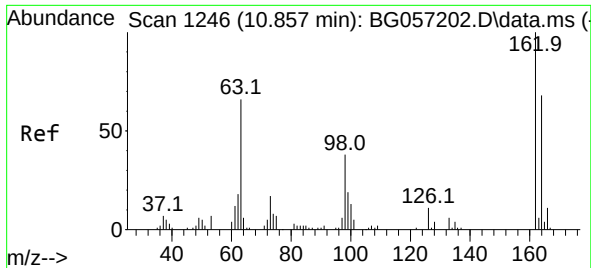
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#28
bis(2-Chloroethoxy)methane
Concen: 46.115 ng
RT: 10.570 min Scan# 1197
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion: 93 Resp: 76290
Ion Ratio Lower Upper
93 100
95 32.8 25.0 37.6
123 11.1 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 53.806 ng

RT: 10.840 min Scan# 1243

Delta R.T. -0.010 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

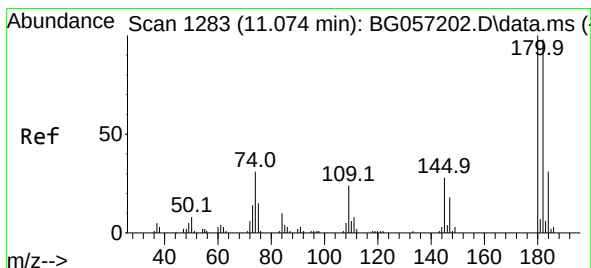
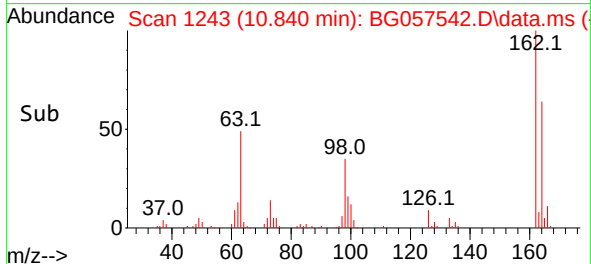
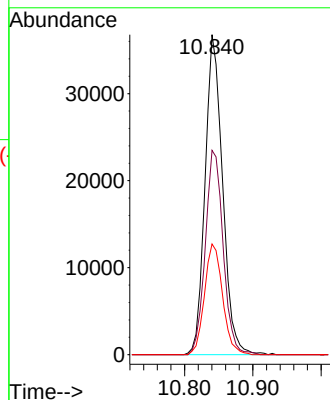
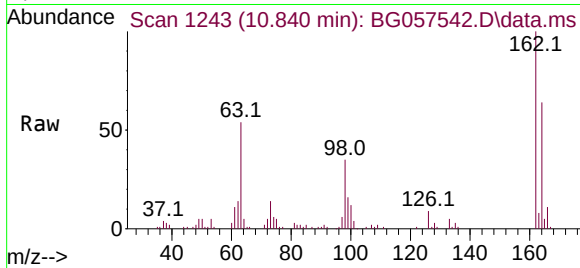
SB08MS

Tgt Ion:162	Resp:	65749
Ion Ratio	Lower	Upper
162	100	
164	63.8	48.4 88.4
98	34.6	17.6 57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#30

1,2,4-Trichlorobenzene

Concen: 50.707 ng

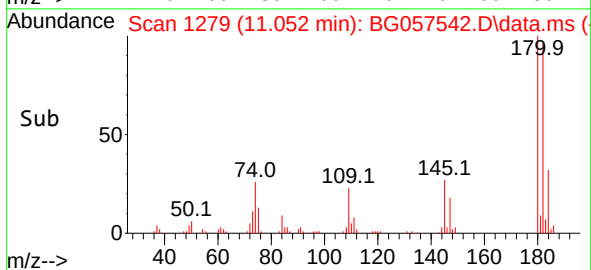
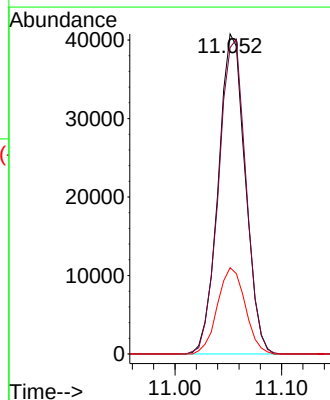
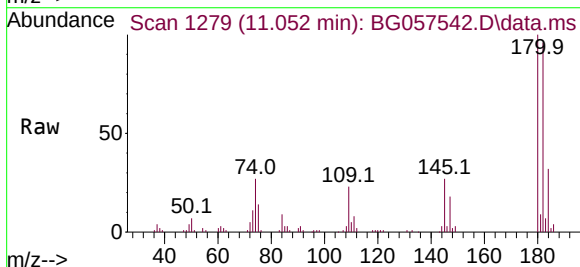
RT: 11.052 min Scan# 1279

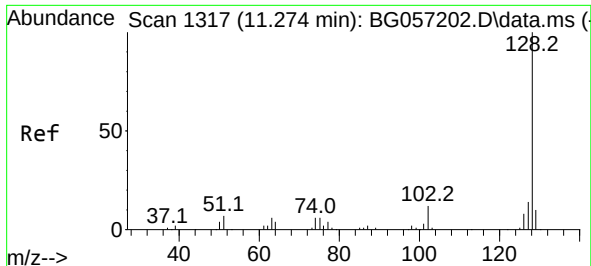
Delta R.T. -0.010 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

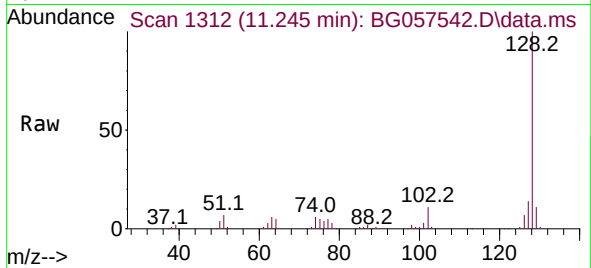
Tgt Ion:180	Resp:	71464
Ion Ratio	Lower	Upper
180	100	
182	95.8	78.0 117.0
145	26.9	22.4 33.6





#31
Naphthalene
Concen: 49.764 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

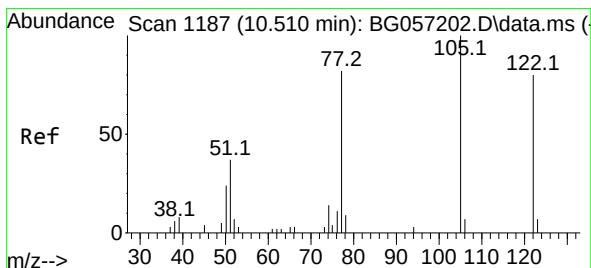
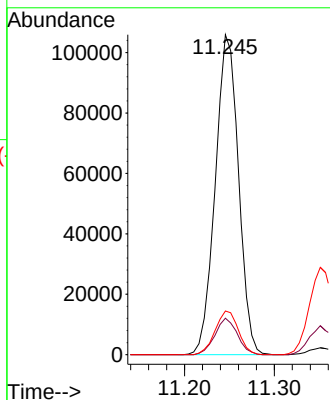
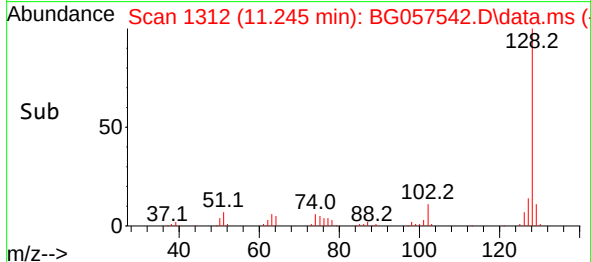
Instrument :
BNA_G
ClientSampleId :
SB08MS



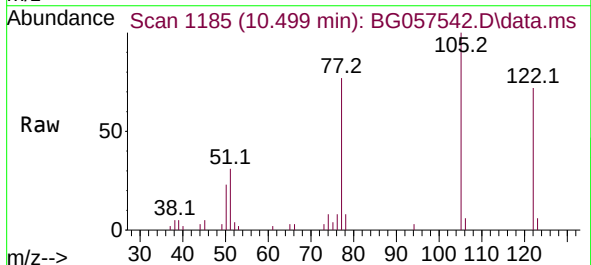
Tgt Ion:128 Resp: 190154
Ion Ratio Lower Upper
128 100
129 11.4 8.3 12.5
127 13.7 11.1 16.7

Manual Integrations
APPROVED

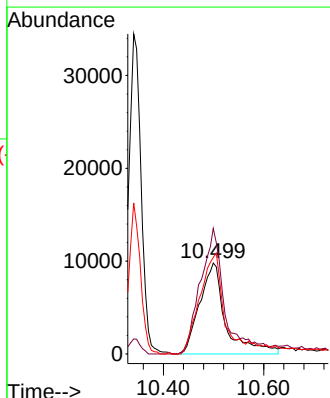
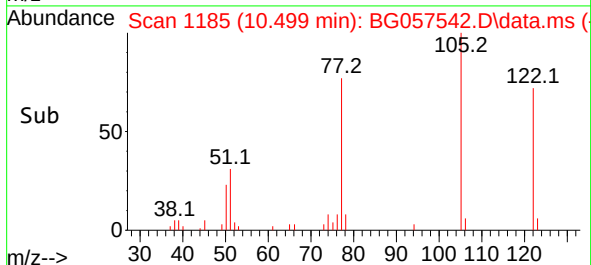
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

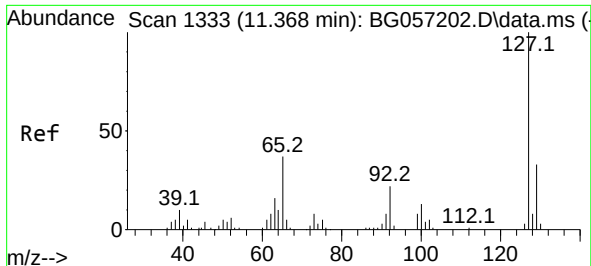


#32
Benzoic acid
Concen: 52.584 ng
RT: 10.499 min Scan# 1185
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16



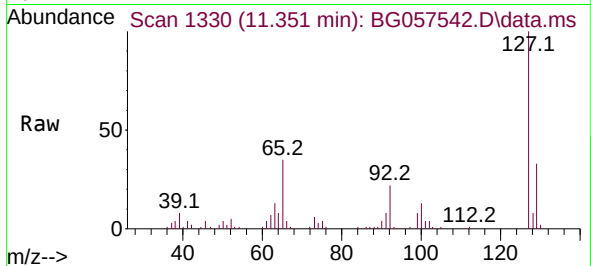
Tgt Ion:122 Resp: 35265
Ion Ratio Lower Upper
122 100
105 138.1 105.2 145.2
77 106.2 83.1 123.1





#33
4-Chloroaniline
Concen: 32.903 ng
RT: 11.351 min Scan# 11351
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

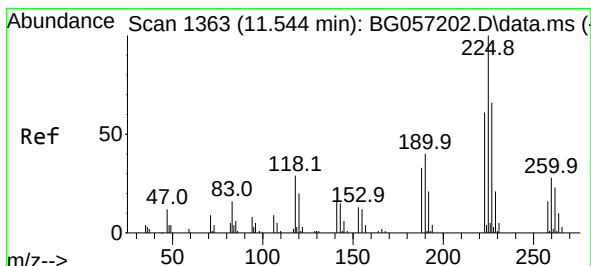
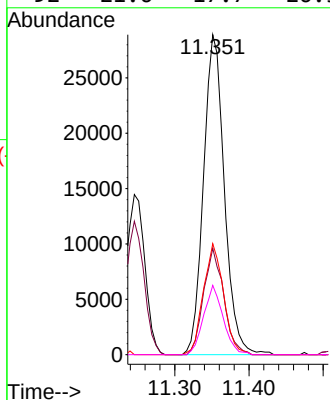
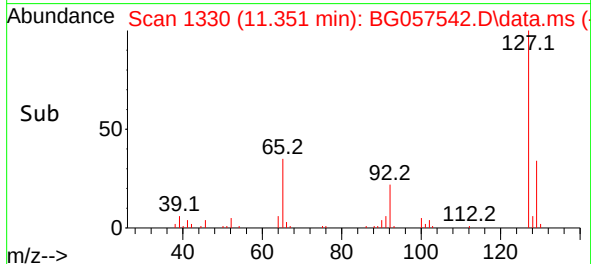
Instrument :
BNA_G
ClientSampleId :
SB08MS



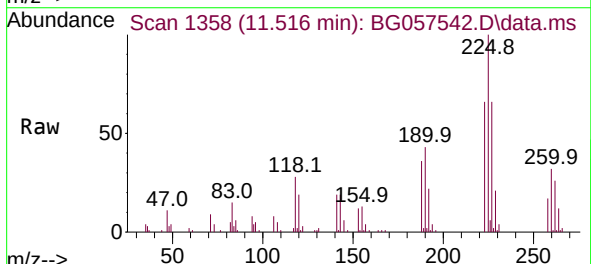
Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.7	40.1
65	34.7	29.7	44.5
92	21.6	17.7	26.5

Manual Integrations
APPROVED

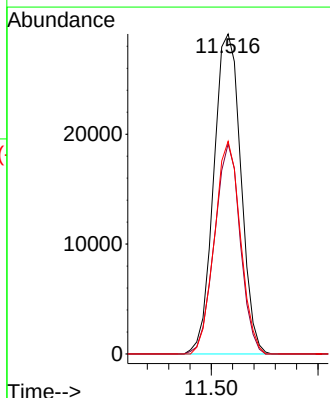
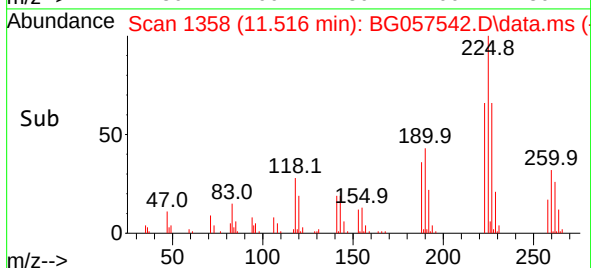
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

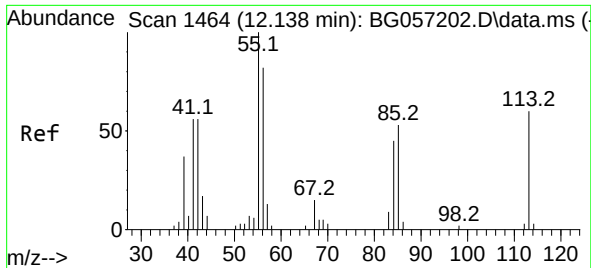


#34
Hexachlorobutadiene
Concen: 49.133 ng
RT: 11.516 min Scan# 1358
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16



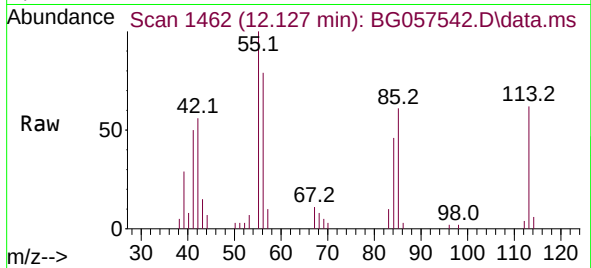
Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	48.6	72.8
227	66.5	52.7	79.1





#35
Caprolactam
Concen: 52.019 ng m
RT: 12.127 min Scan# 1462
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

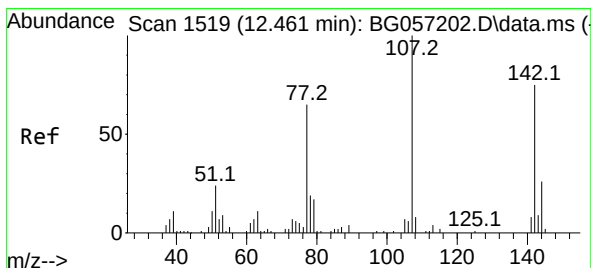
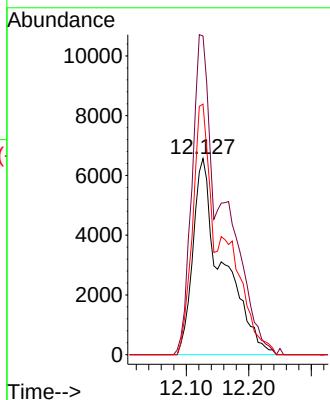
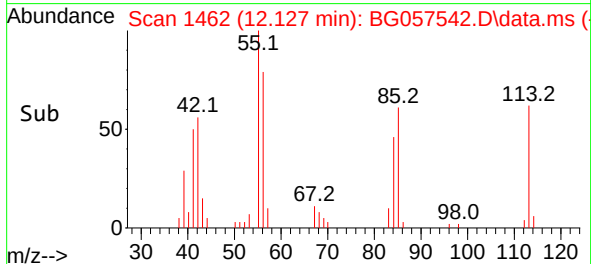
Instrument :
BNA_G
ClientSampleId :
SB08MS



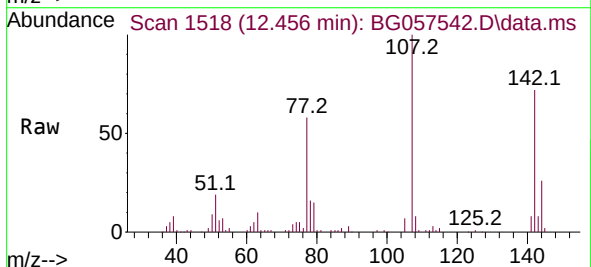
Tgt Ion:113 Resp: 2171
Ion Ratio Lower Upper
113 100
55 162.5 145.5 185.5
56 127.7 115.9 155.9

Manual Integrations
APPROVED

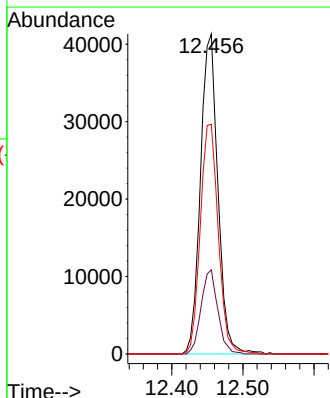
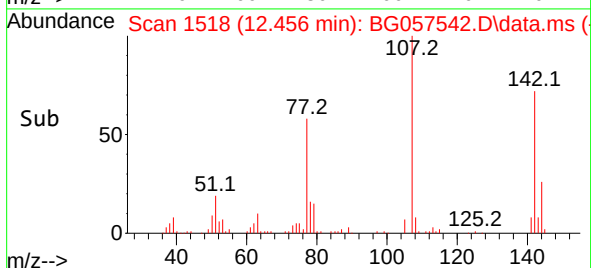
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

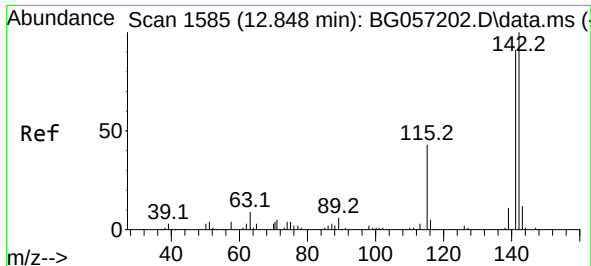


#36
4-Chloro-3-methylphenol
Concen: 50.837 ng
RT: 12.456 min Scan# 1518
Delta R.T. 0.001 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16



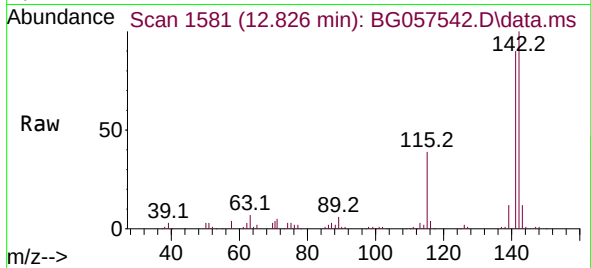
Tgt Ion:107 Resp: 70591
Ion Ratio Lower Upper
107 100
144 26.3 21.0 31.6
142 71.8 60.0 90.0





#37
2-Methylnaphthalene
Concen: 45.804 ng
RT: 12.826 min Scan# 1581
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

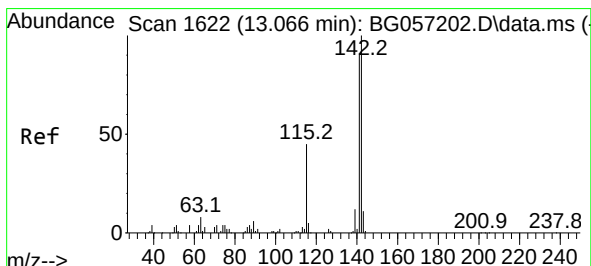
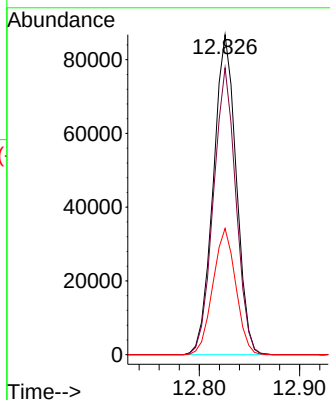
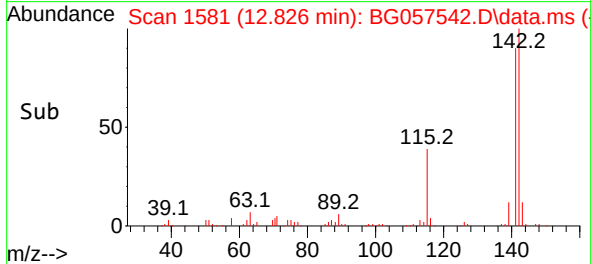
Instrument :
BNA_G
ClientSampleId :
SB08MS



Tgt Ion:142 Resp: 137612
Ion Ratio Lower Upper
142 100
141 89.7 73.1 109.7
115 39.4 34.6 52.0

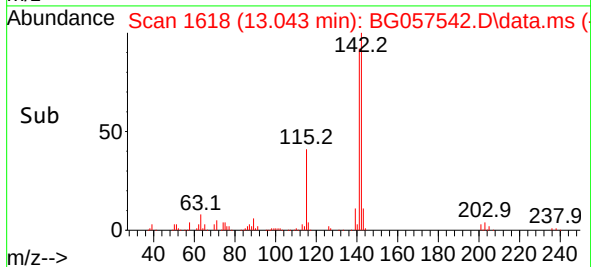
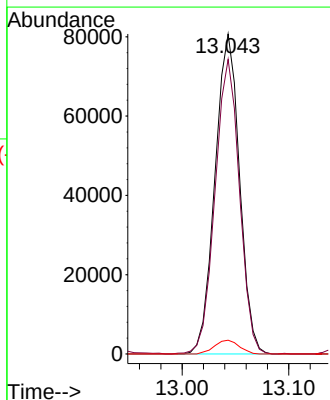
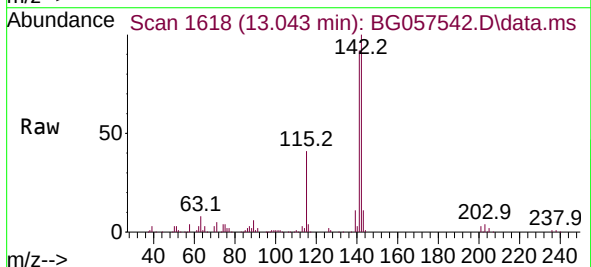
Manual Integrations
APPROVED

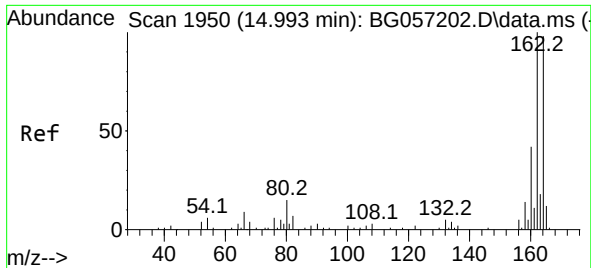
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#38
1-Methylnaphthalene
Concen: 45.482 ng
RT: 13.043 min Scan# 1618
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:142 Resp: 128793
Ion Ratio Lower Upper
142 100
141 92.0 72.5 108.7
116 4.3 3.7 5.5





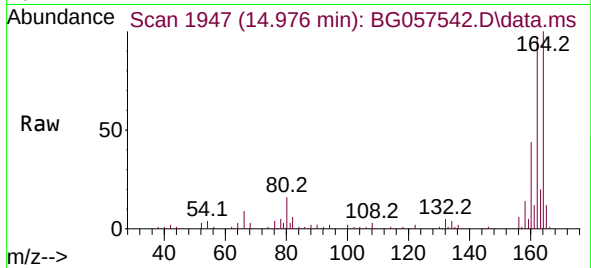
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.976 min Scan# 1950
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SB08MS

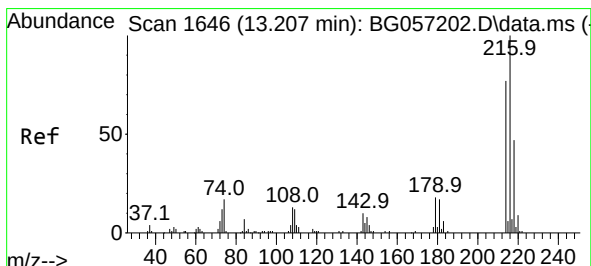
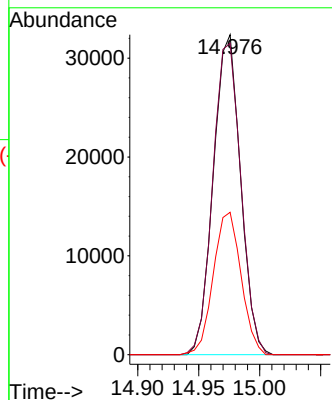
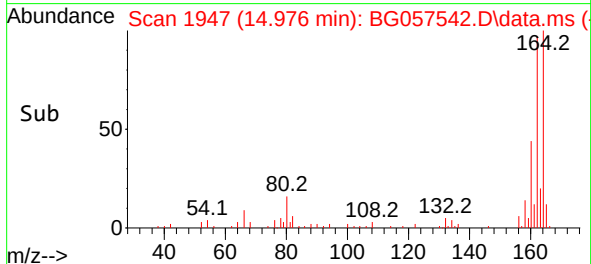


Tgt Ion:164 Resp: 50258
Ion Ratio Lower Upper
164 100
162 97.3 81.8 122.6
160 44.5 34.6 52.0

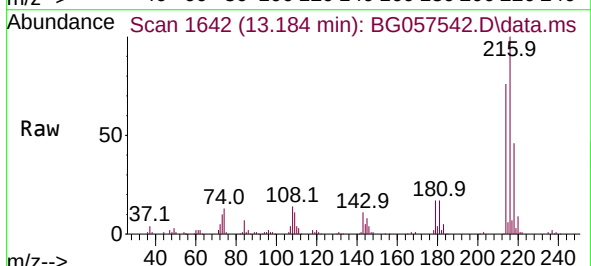
Manual Integrations

APPROVED

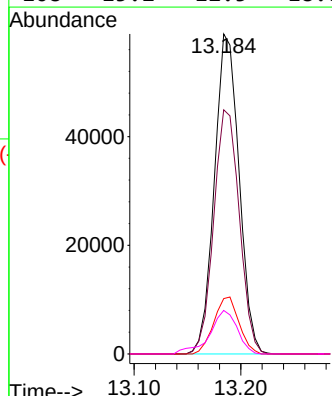
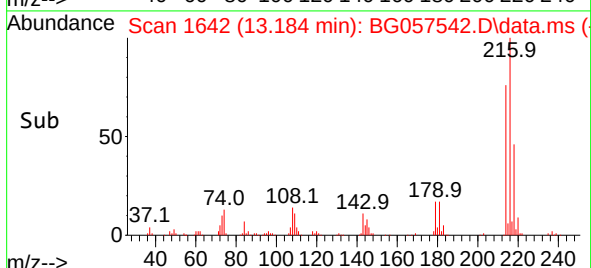
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

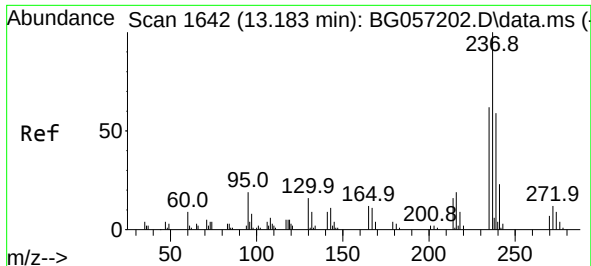


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.030 ng
RT: 13.184 min Scan# 1642
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16



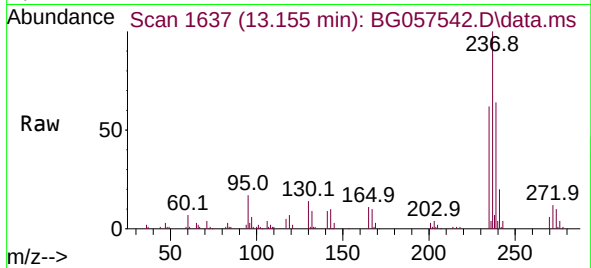
Tgt Ion:216 Resp: 94617
Ion Ratio Lower Upper
216 100
214 79.0 63.7 95.5
179 18.1 14.6 22.0
108 15.2 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 84.670 ng
RT: 13.155 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

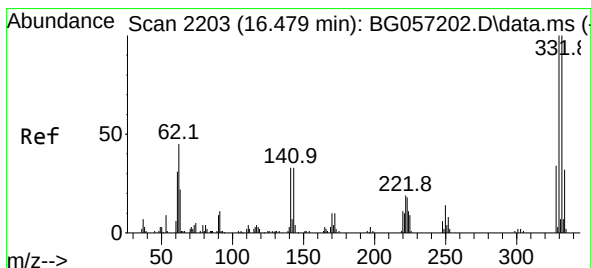
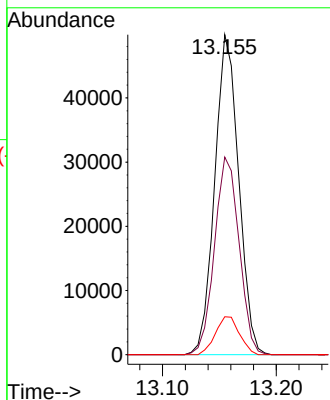
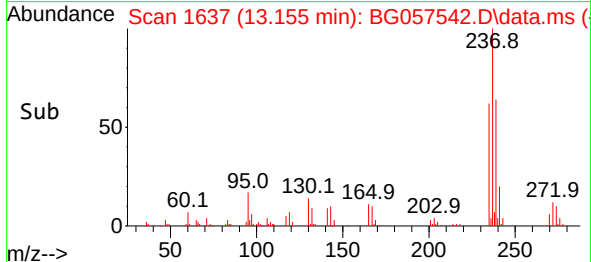
Instrument :
BNA_G
ClientSampleId :
SB08MS



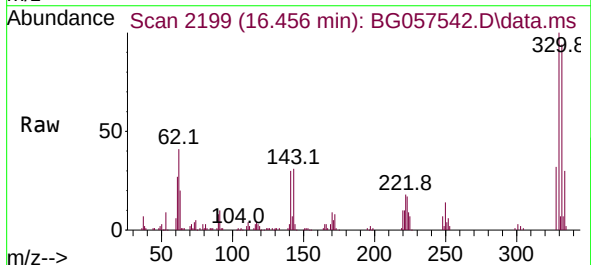
Tgt Ion:237 Resp: 72950
Ion Ratio Lower Upper
237 100
235 61.8 42.0 82.0
272 11.8 0.0 31.5

Manual Integrations
APPROVED

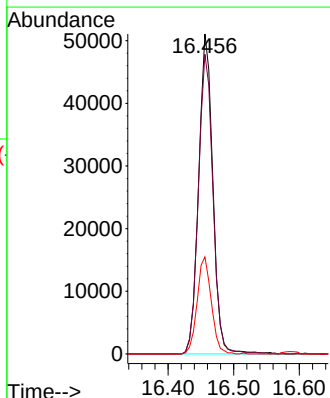
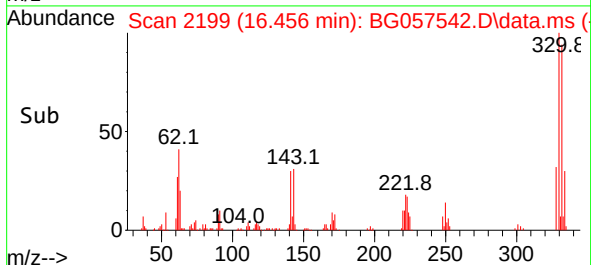
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

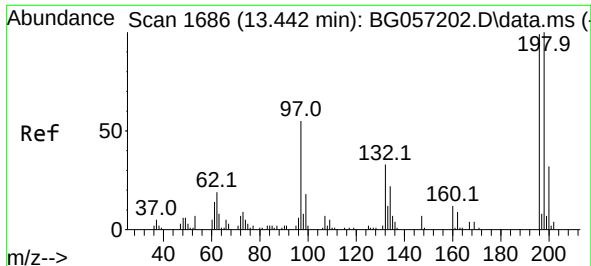


#42
2,4,6-Tribromophenol
Concen: 107.978 ng
RT: 16.456 min Scan# 2199
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16



Tgt Ion:330 Resp: 77000
Ion Ratio Lower Upper
330 100
332 96.2 78.2 117.2
141 30.2 27.8 41.8





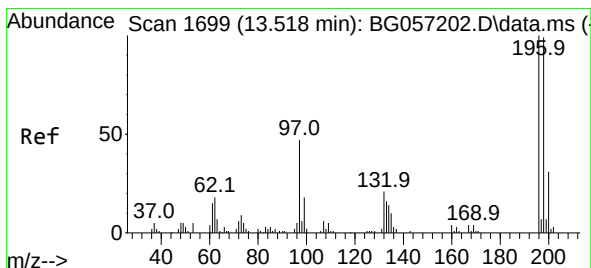
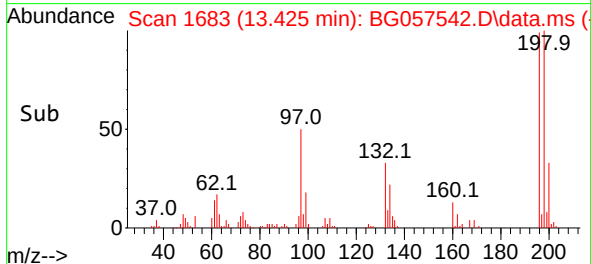
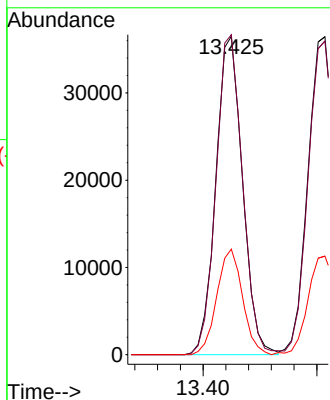
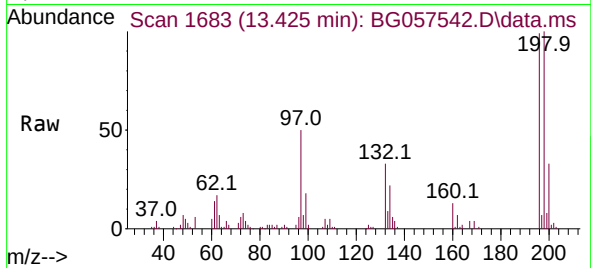
#43
2,4,6-Trichlorophenol
Concen: 54.688 ng
RT: 13.425 min Scan# 1683
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Instrument :
BNA_G
ClientSampleId :
SB08MS

Tgt Ion:196 Resp: 59440
Ion Ratio Lower Upper
196 100
198 100.5 81.2 121.8
200 33.2 26.3 39.5

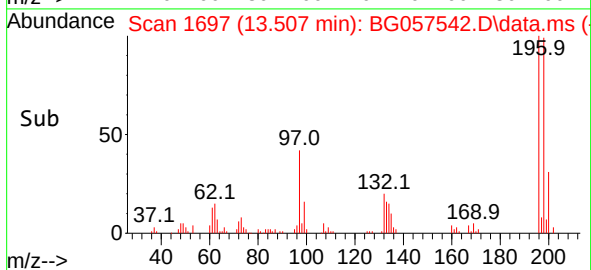
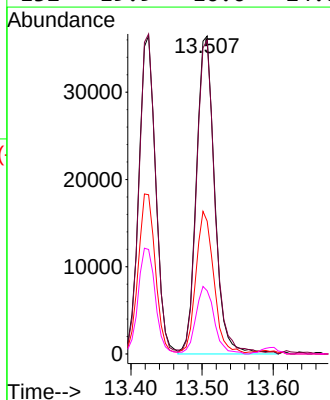
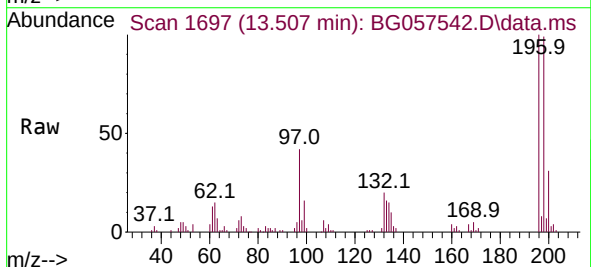
Manual Integrations
APPROVED

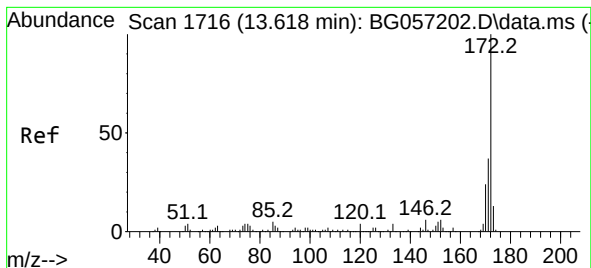
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#44
2,4,5-Trichlorophenol
Concen: 51.185 ng
RT: 13.507 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

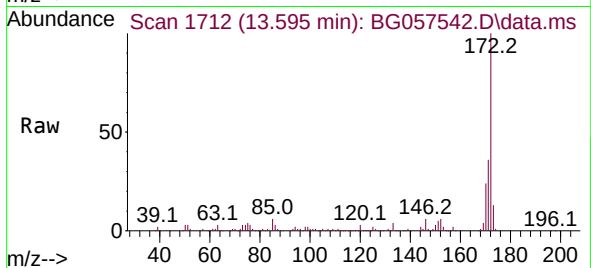
Tgt Ion:196 Resp: 65447
Ion Ratio Lower Upper
196 100
198 98.7 79.4 119.2
97 41.8 37.0 55.4
132 19.9 16.6 24.8





#45
2-Fluorobiphenyl
Concen: 61.007 ng
RT: 13.595 min Scan# 1712
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

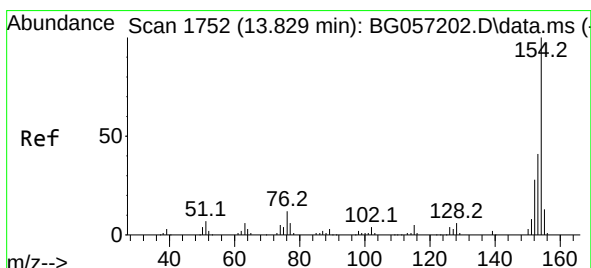
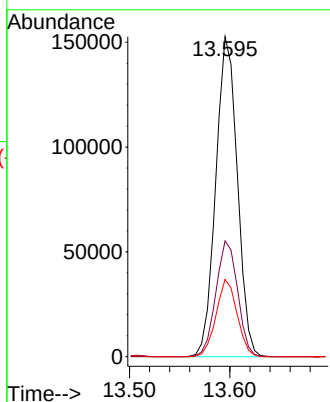
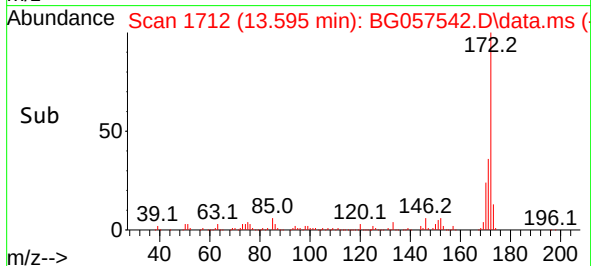
Instrument :
BNA_G
ClientSampleId :
SB08MS



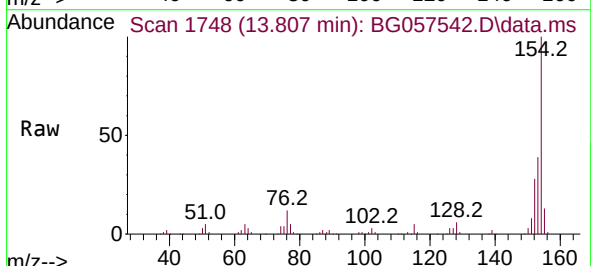
Tgt Ion:172 Resp: 227658
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 24.2 19.0 28.6

Manual Integrations
APPROVED

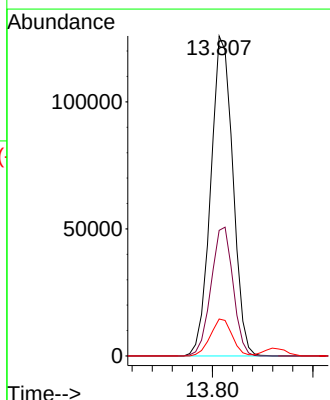
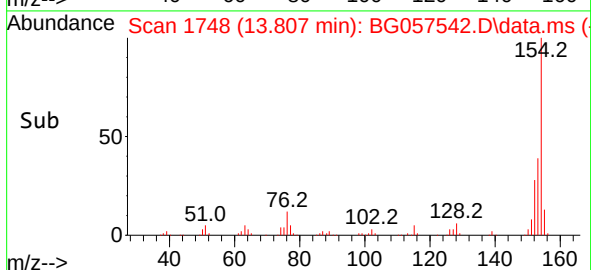
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

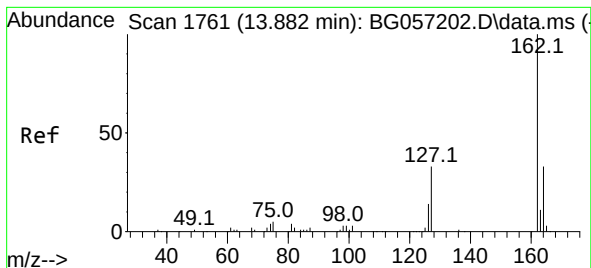


#46
1,1'-Biphenyl
Concen: 51.630 ng
RT: 13.807 min Scan# 1748
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16



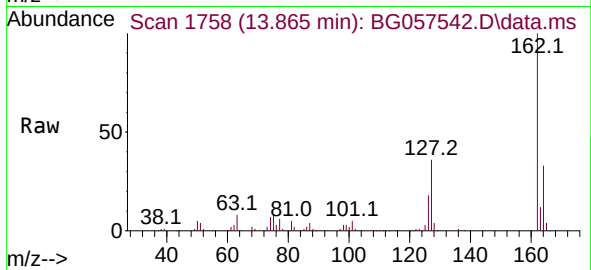
Tgt Ion:154 Resp: 192547
Ion Ratio Lower Upper
154 100
153 39.2 20.9 60.9
76 11.5 0.0 31.7





#47
2-Chloronaphthalene
Concen: 53.547 ng
RT: 13.865 min Scan# 1758
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

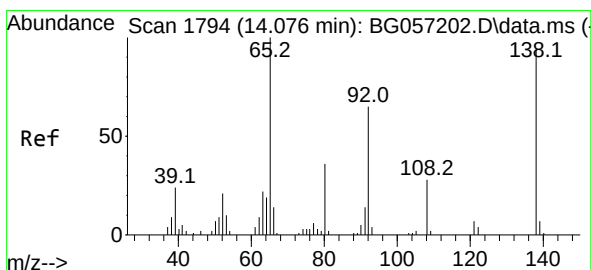
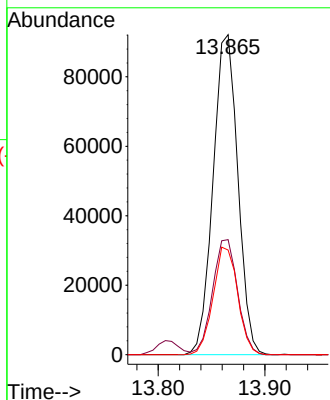
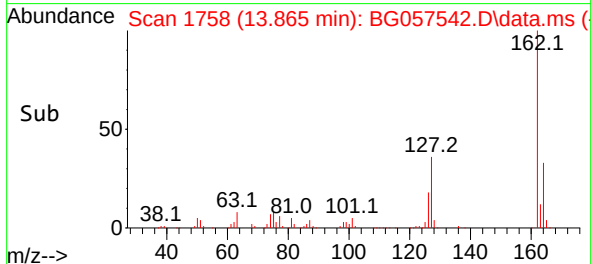
Instrument :
BNA_G
ClientSampleId :
SB08MS



Tgt Ion:162 Resp: 148498
Ion Ratio Lower Upper
162 100
127 36.0 29.8 44.6
164 32.7 26.6 40.0

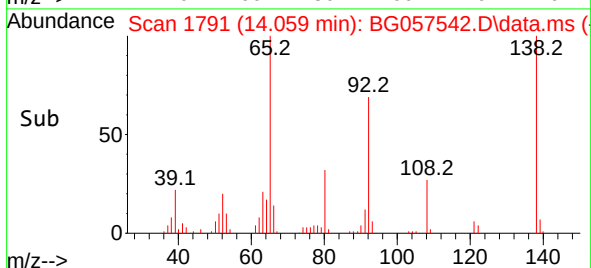
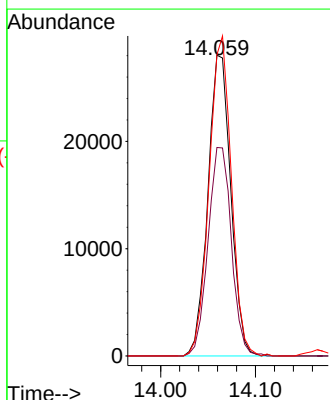
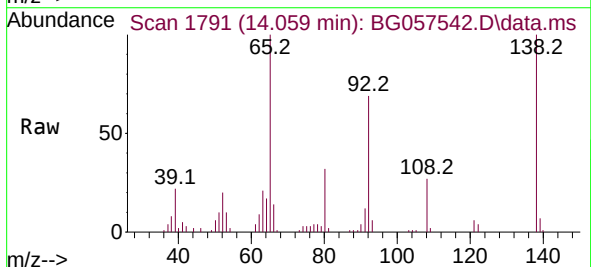
Manual Integrations
APPROVED

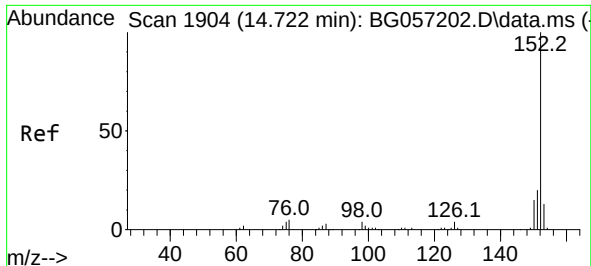
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#48
2-Nitroaniline
Concen: 49.966 ng
RT: 14.059 min Scan# 1791
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

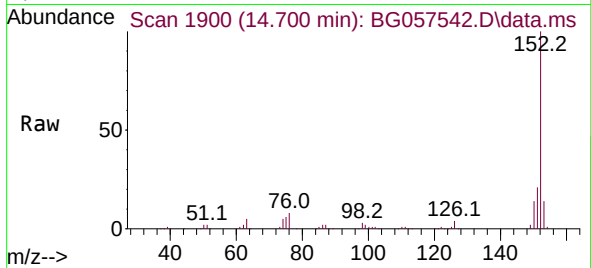
Tgt Ion: 65 Resp: 47115
Ion Ratio Lower Upper
65 100
92 69.3 52.1 78.1
138 100.1 75.3 112.9





#49
Acenaphthylene
Concen: 51.133 ng
RT: 14.700 min Scan# 1904
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

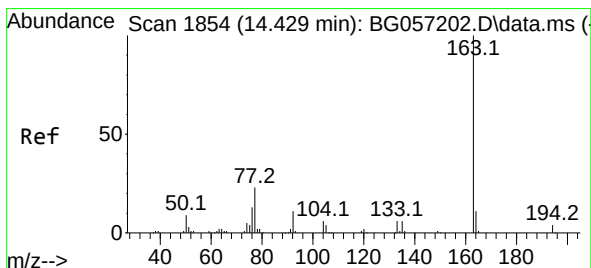
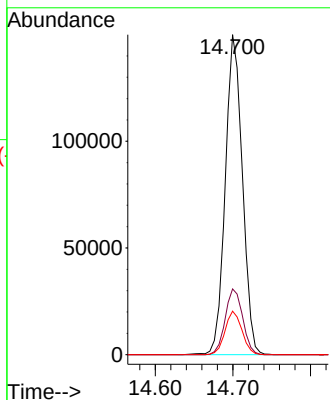
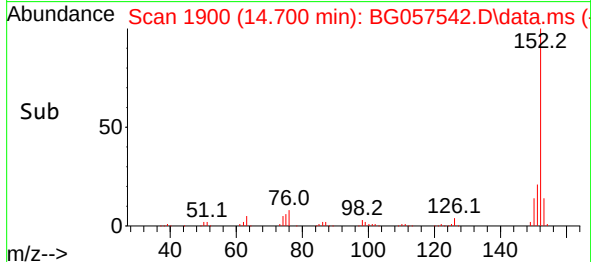
Instrument :
BNA_G
ClientSampleId :
SB08MS



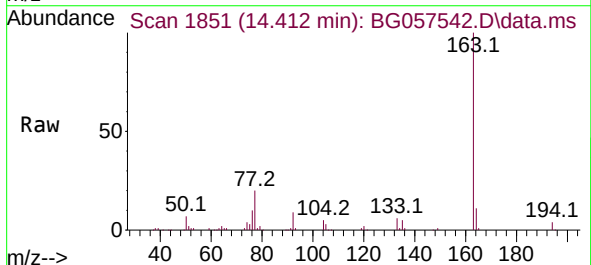
Tgt Ion:152 Resp: 230374
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 13.6 10.7 16.1

Manual Integrations
APPROVED

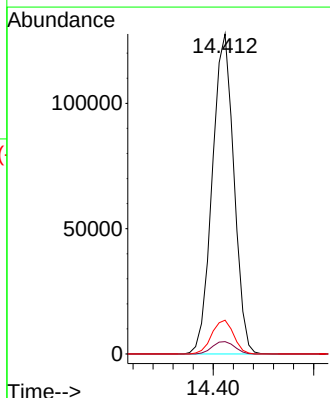
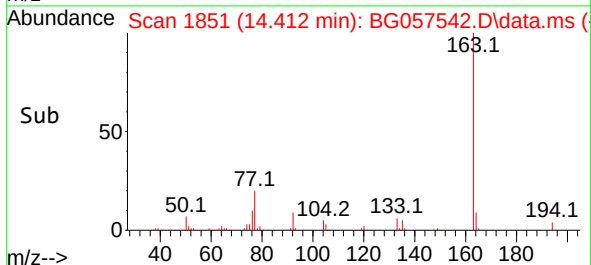
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

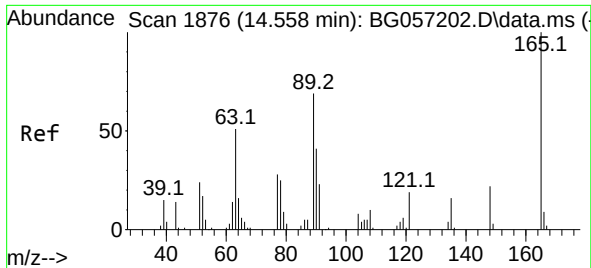


#50
Dimethylphthalate
Concen: 46.193 ng
RT: 14.412 min Scan# 1851
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16



Tgt Ion:163 Resp: 190777
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 10.5 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 51.197 ng
RT: 14.541 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

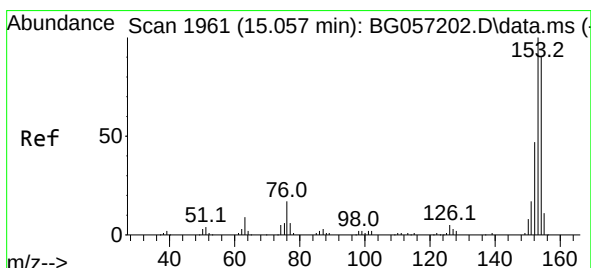
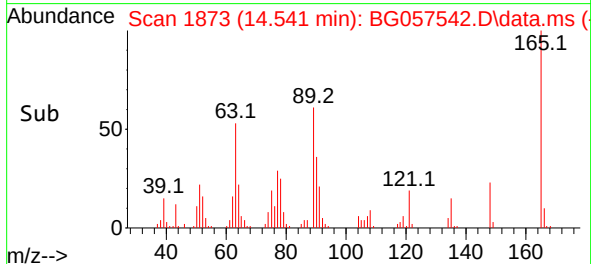
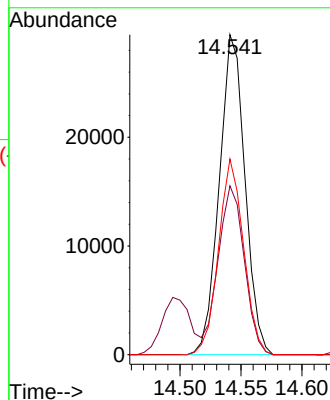
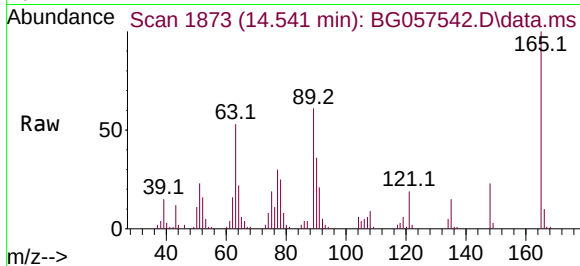
SB08MS

Tgt Ion:165 Resp: 4317
Ion Ratio Lower Upper
165 100
63 52.7 50.9 76.3
89 61.1 55.2 82.8

Manual Integrations

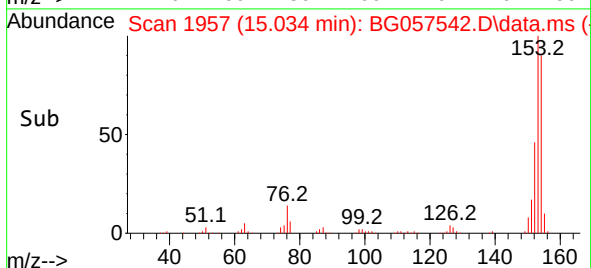
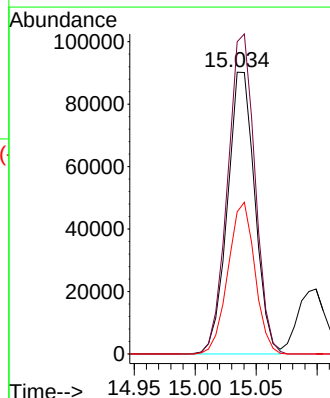
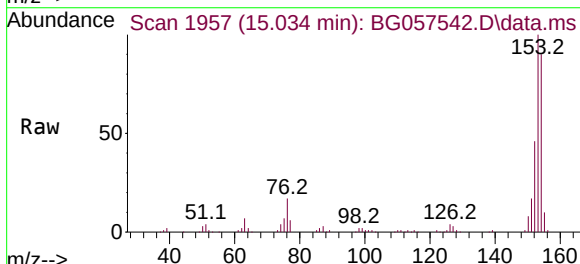
APPROVED

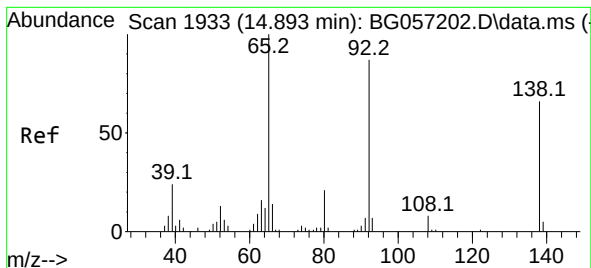
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#52
Acenaphthene
Concen: 50.279 ng
RT: 15.034 min Scan# 1957
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:154 Resp: 141553
Ion Ratio Lower Upper
154 100
153 110.8 89.3 133.9
152 50.5 41.7 62.5





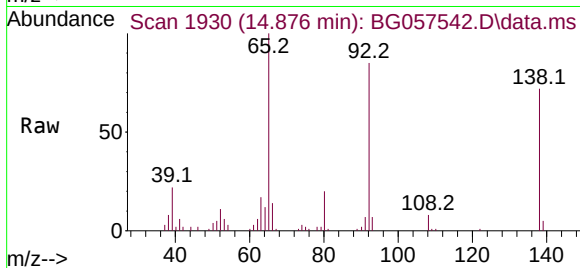
#53
3-Nitroaniline
Concen: 37.578 ng
RT: 14.876 min Scan# 1933
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SB08MS

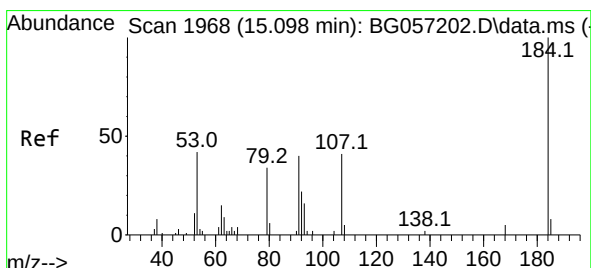
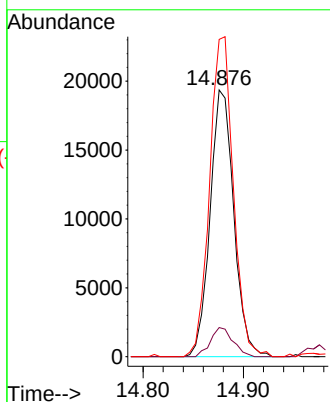
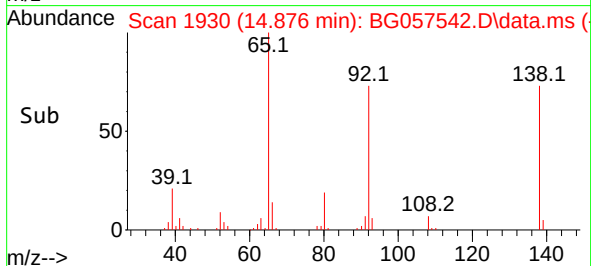


Tgt Ion:138 Resp: 31745
Ion Ratio Lower Upper
138 100
108 10.9 9.5 14.3
92 119.0 106.2 159.4

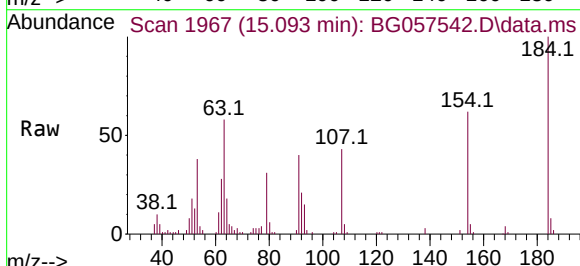
Manual Integrations

APPROVED

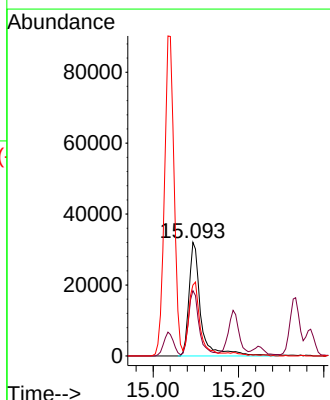
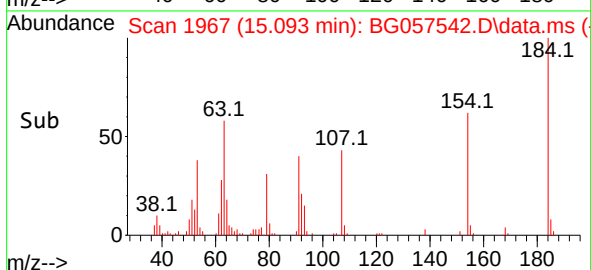
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

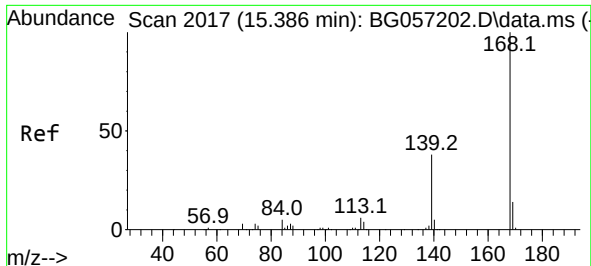


#54
2,4-Dinitrophenol
Concen: 116.008 ng
RT: 15.093 min Scan# 1967
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16



Tgt Ion:184 Resp: 61811
Ion Ratio Lower Upper
184 100
63 57.5 48.2 72.4
154 62.4 55.4 83.2





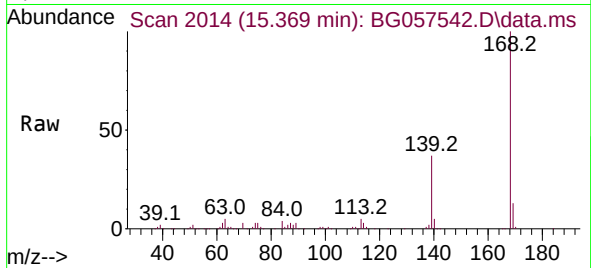
#55
Dibenzofuran
Concen: 49.717 ng
RT: 15.369 min Scan# 2017
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SB08MS

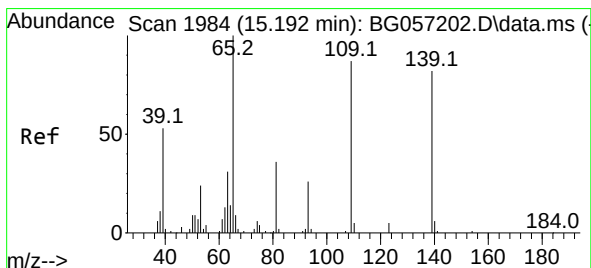
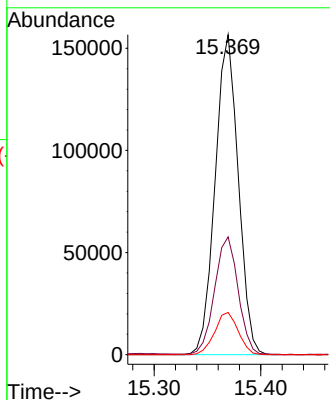
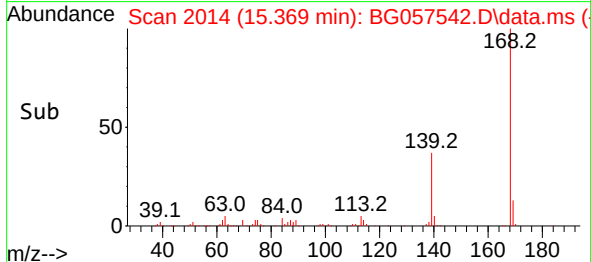


Tgt Ion:168 Resp: 235179
Ion Ratio Lower Upper
168 100
139 36.8 30.7 46.1
169 13.2 10.9 16.3

Manual Integrations

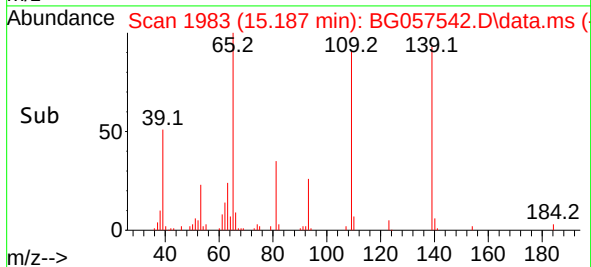
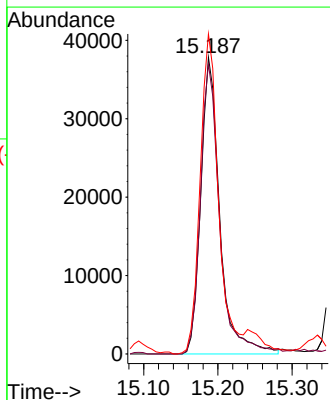
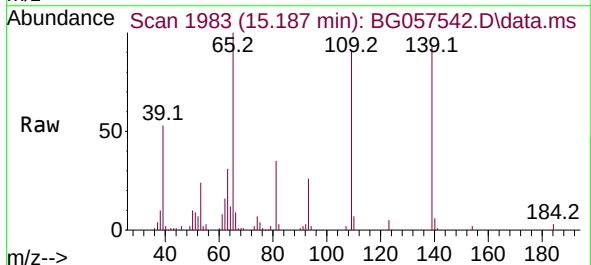
APPROVED

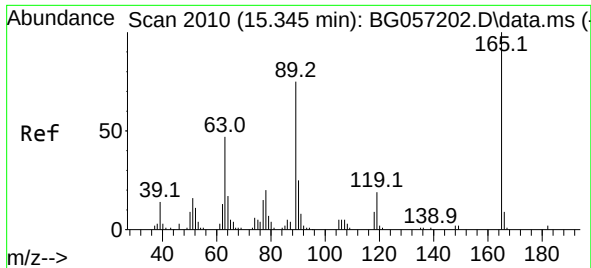
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#56
4-Nitrophenol
Concen: 120.016 ng
RT: 15.187 min Scan# 1983
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:139 Resp: 67431
Ion Ratio Lower Upper
139 100
109 97.7 86.6 126.6
65 107.9 102.6 142.6





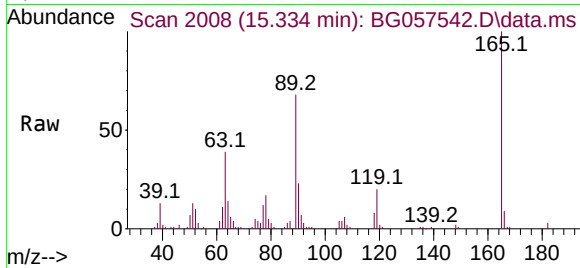
#57
2,4-Dinitrotoluene
Concen: 53.258 ng
RT: 15.334 min Scan# 2010
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SB08MS

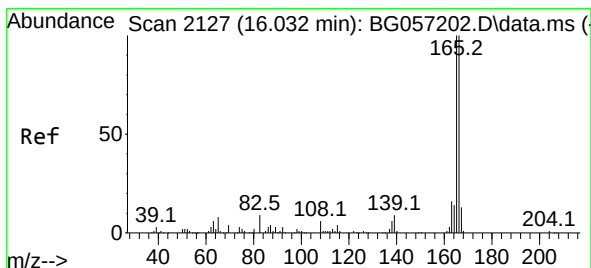
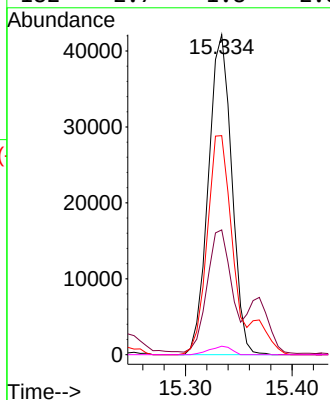
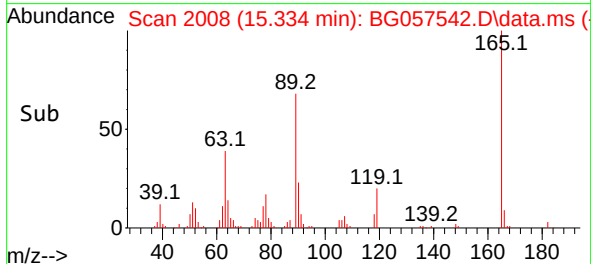


Tgt Ion:165 Resp: 6418
Ion Ratio Lower Upper
165 100
63 39.0 37.5 56.3
89 68.5 60.2 90.4
182 2.7 1.8 2.8

Manual Integrations

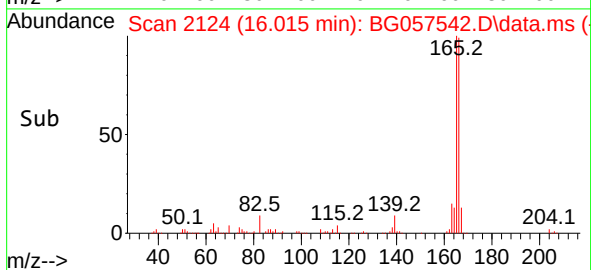
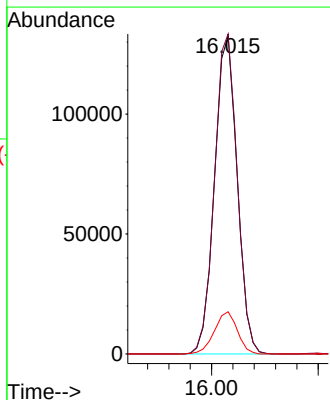
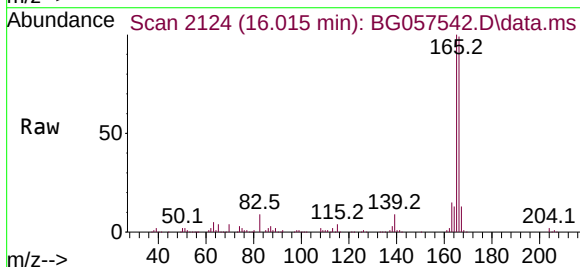
APPROVED

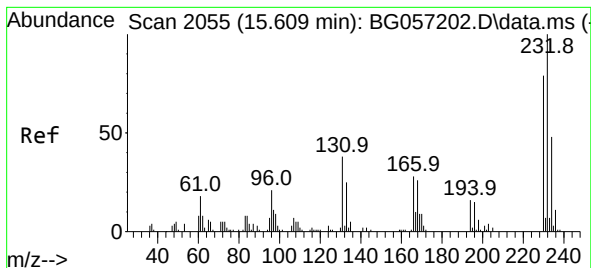
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#58
Fluorene
Concen: 49.976 ng
RT: 16.015 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:166 Resp: 194725
Ion Ratio Lower Upper
166 100
165 100.6 80.1 120.1
167 13.3 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.039 ng
RT: 15.598 min Scan# 2053
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

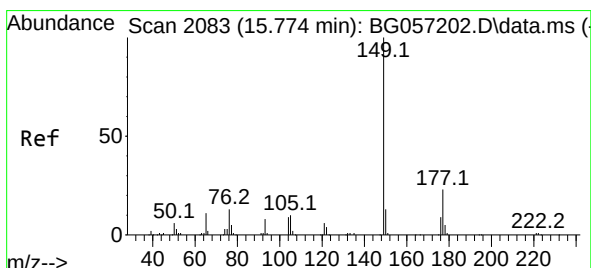
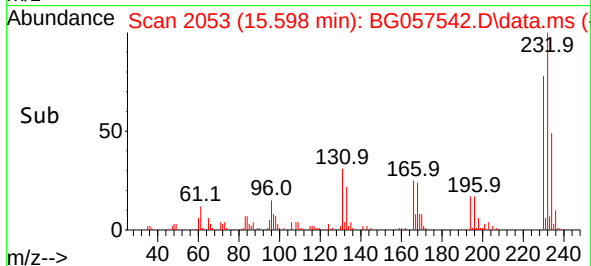
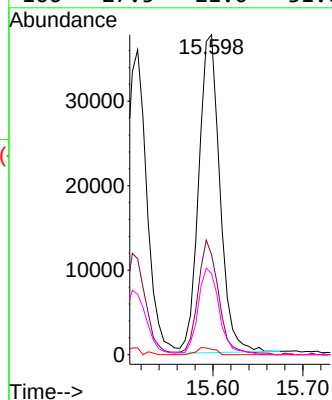
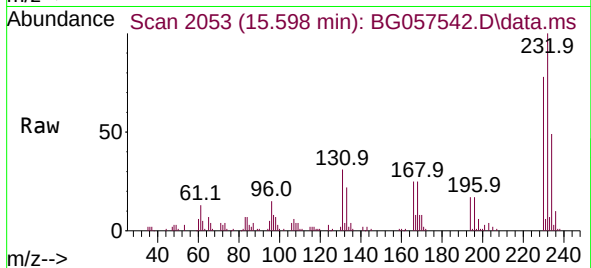
SB08MS

Tgt Ion:232 Resp: 61484
Ion Ratio Lower Upper
232 100
131 35.2 28.6 42.8
130 1.9 1.6 2.4
166 27.5 21.0 31.6

Manual Integrations

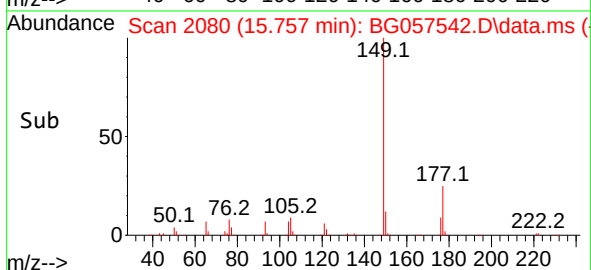
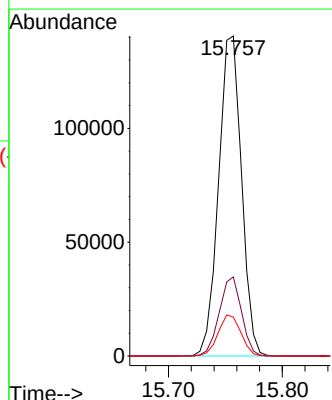
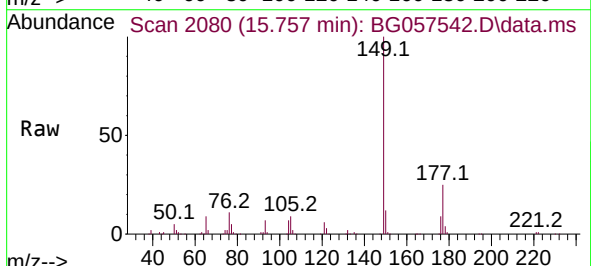
APPROVED

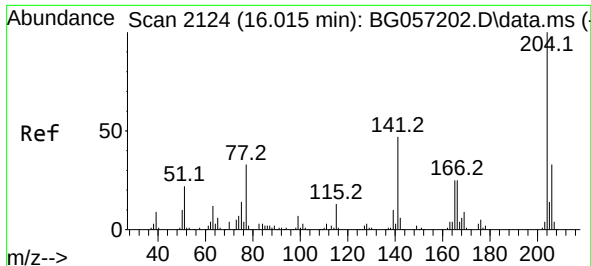
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#60
Diethylphthalate
Concen: 46.935 ng
RT: 15.757 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:149 Resp: 196851
Ion Ratio Lower Upper
149 100
177 24.7 18.3 27.5
150 12.2 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.817 ng
RT: 15.992 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

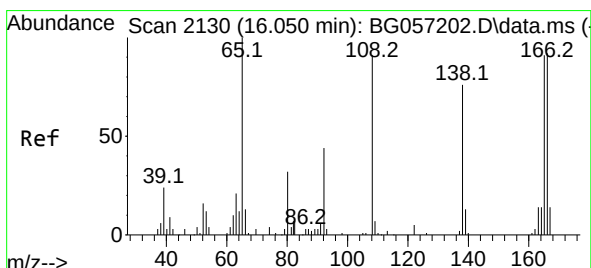
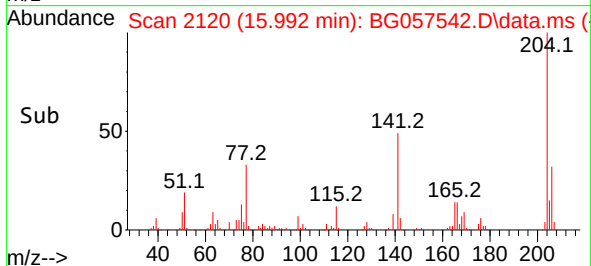
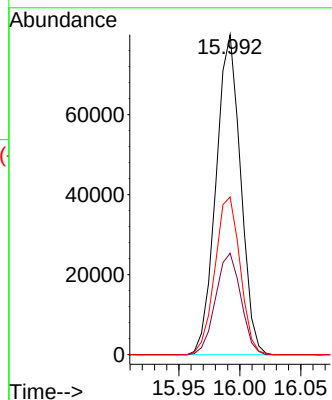
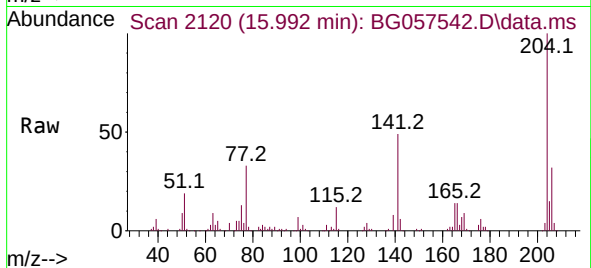
SB08MS

Tgt Ion:204 Resp: 112239
Ion Ratio Lower Upper
204 100
206 31.7 26.5 39.7
141 49.3 37.4 56.0

Manual Integrations

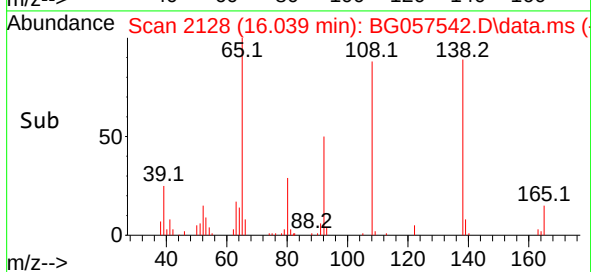
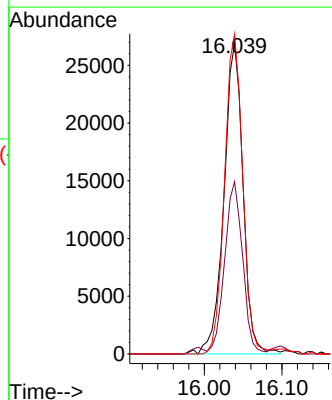
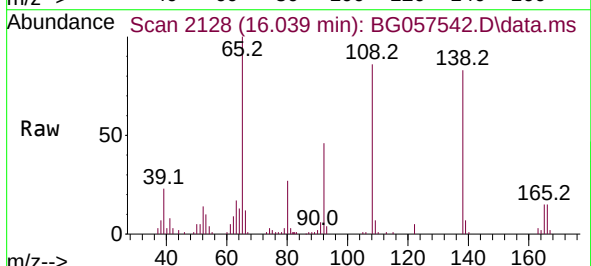
APPROVED

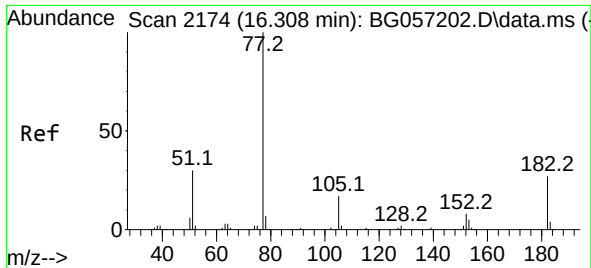
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#62
4-Nitroaniline
Concen: 54.169 ng
RT: 16.039 min Scan# 2128
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:138 Resp: 46164
Ion Ratio Lower Upper
138 100
92 55.5 38.2 78.2
108 103.1 99.6 139.6





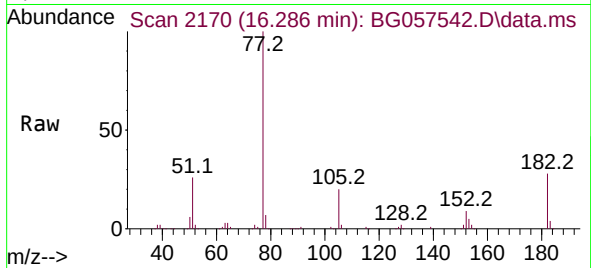
#63
Azobenzene
Concen: 47.973 ng
RT: 16.286 min Scan# 2174
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SB08MS

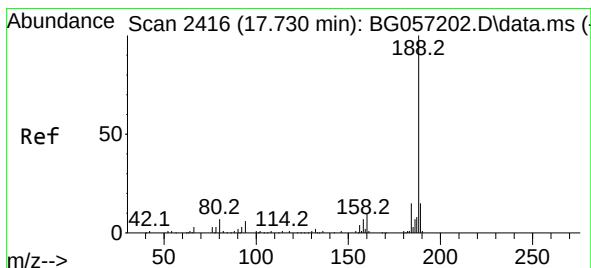
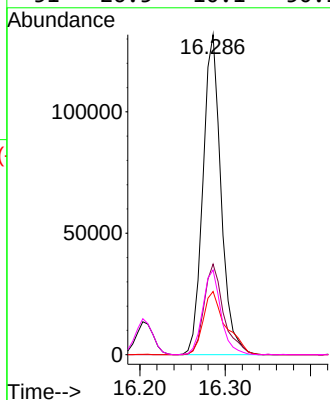
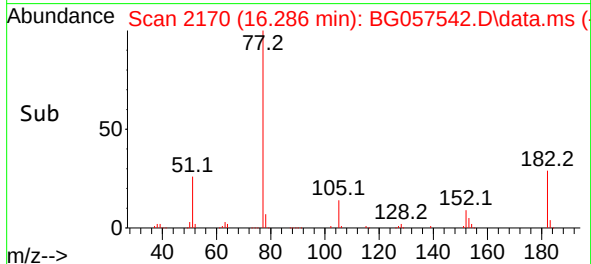


Tgt Ion: 77 Resp: 19413
Ion Ratio Lower Upper
77 100
182 28.3 7.4 47.4
105 19.8 0.0 37.2
51 26.5 10.1 50.1

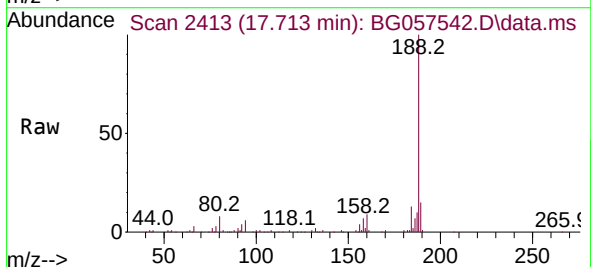
Manual Integrations

APPROVED

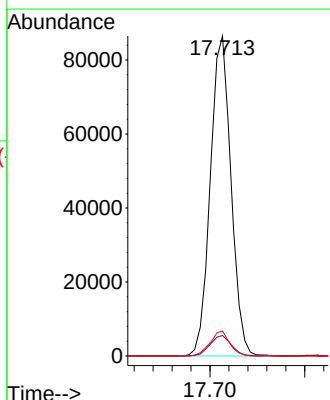
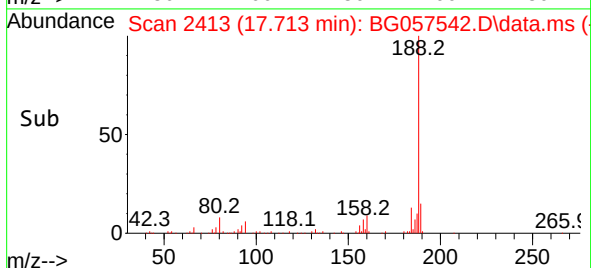
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

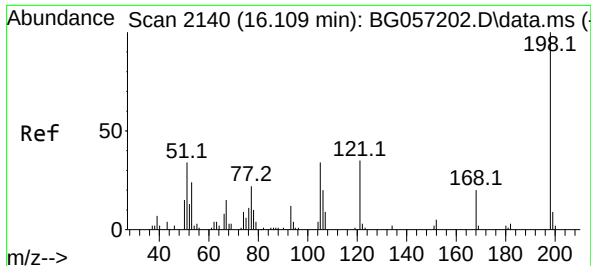


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2413
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16



Tgt Ion:188 Resp: 130936
Ion Ratio Lower Upper
188 100
94 6.4 5.1 7.7
80 7.8 5.7 8.5





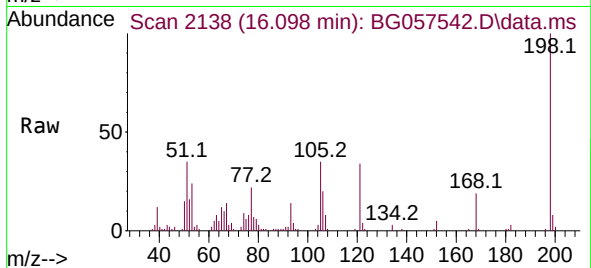
#65
4,6-Dinitro-2-methylphenol
Concen: 59.090 ng
RT: 16.098 min Scan# 2140
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SB08MS

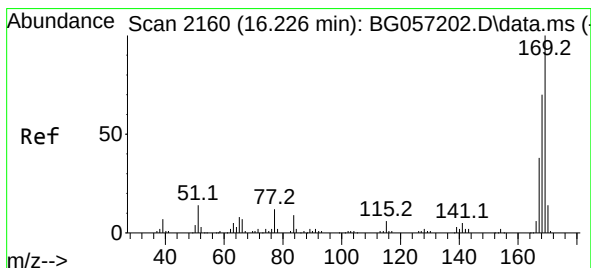
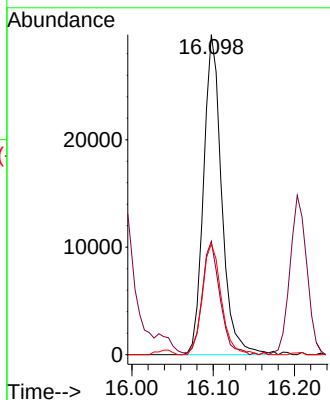
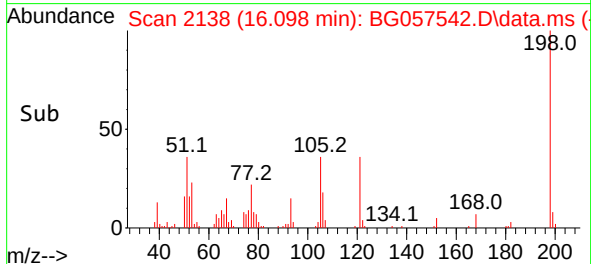


Tgt Ion:198 Resp: 4619
Ion Ratio Lower Upper
198 100
51 35.4 16.1 56.1
105 34.7 14.0 54.0

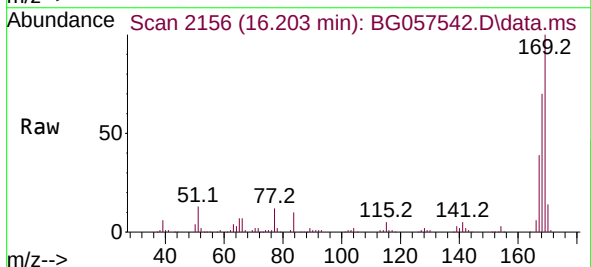
Manual Integrations

APPROVED

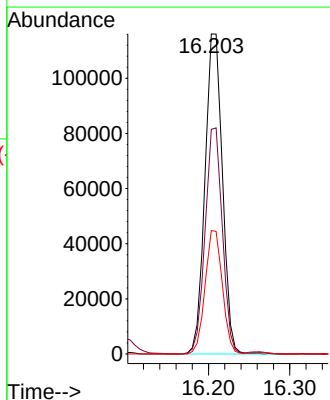
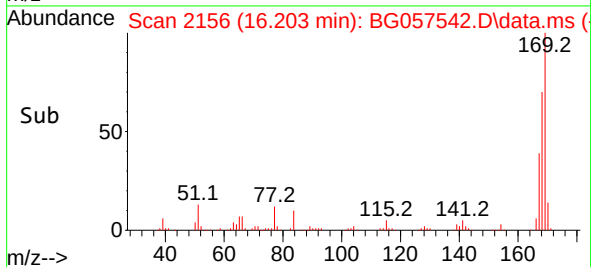
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

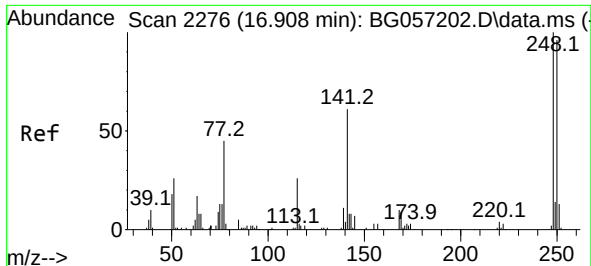


#66
n-Nitrosodiphenylamine
Concen: 48.586 ng
RT: 16.203 min Scan# 2156
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16



Tgt Ion:169 Resp: 172782
Ion Ratio Lower Upper
169 100
168 70.2 56.2 84.4
167 38.5 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 47.681 ng
RT: 16.885 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

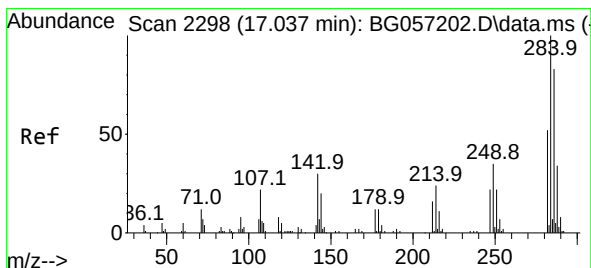
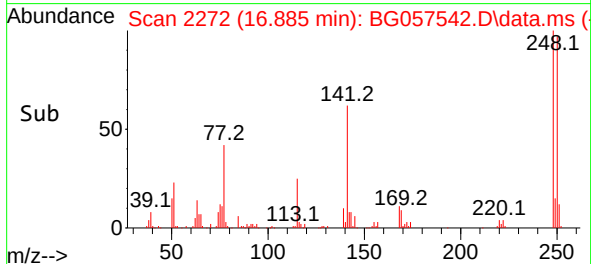
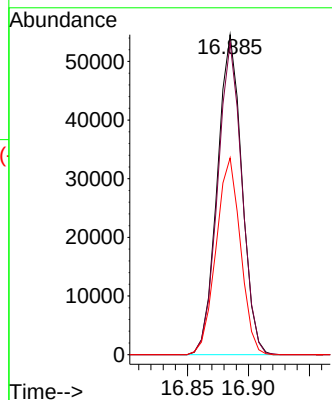
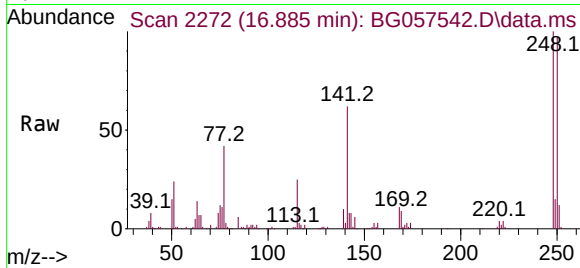
SB08MS

Tgt Ion:248 Resp: 76214
Ion Ratio Lower Upper
248 100
250 97.5 77.0 115.6
141 61.5 48.6 72.8

Manual Integrations

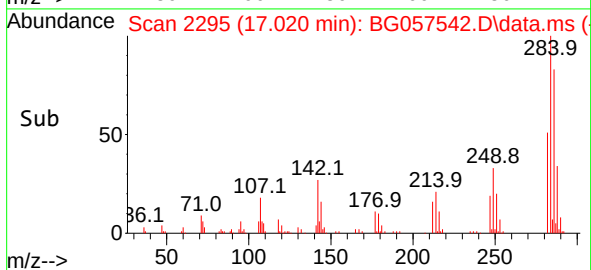
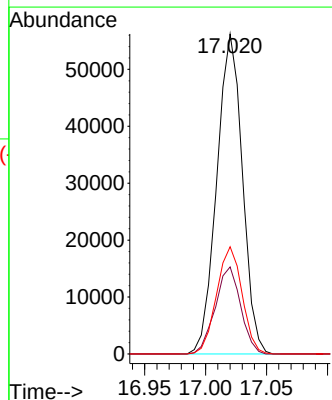
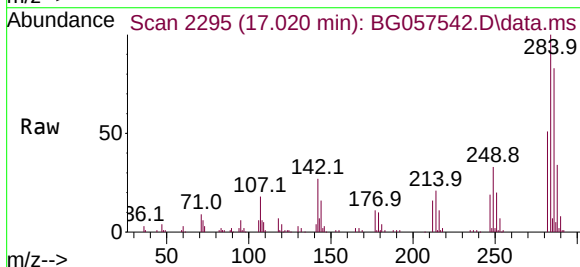
APPROVED

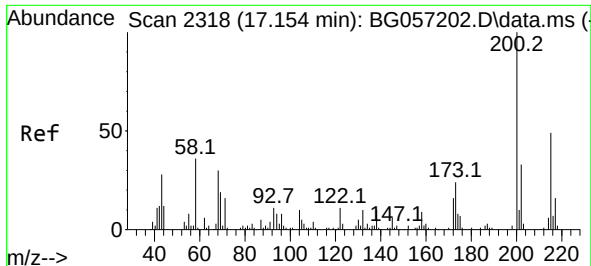
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#68
Hexachlorobenzene
Concen: 52.819 ng
RT: 17.020 min Scan# 2295
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

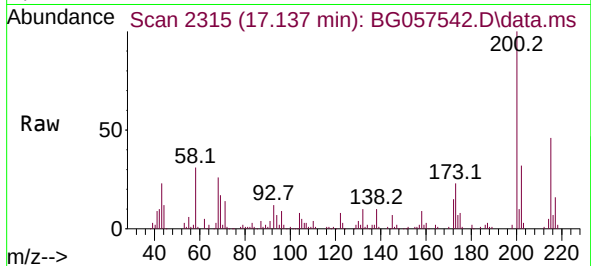
Tgt Ion:284 Resp: 82043
Ion Ratio Lower Upper
284 100
142 27.2 23.9 35.9
249 33.5 27.7 41.5





#69
 Atrazine
 Concen: 61.869 ng
 RT: 17.137 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG057542.D
 Acq: 24 May 2023 20:16

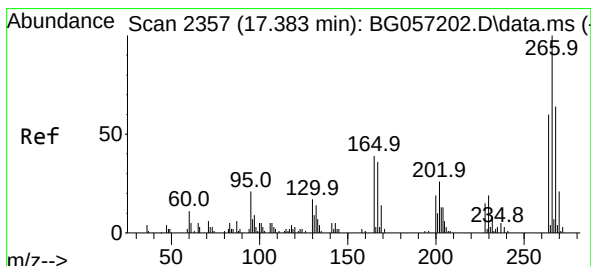
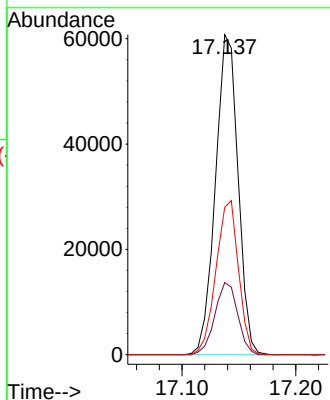
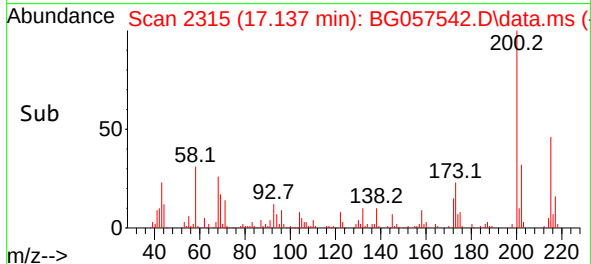
Instrument :
 BNA_G
 ClientSampleId :
 SB08MS



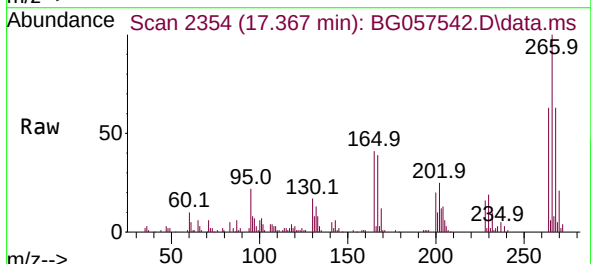
Tgt Ion:200 Resp: 83930
 Ion Ratio Lower Upper
 200 100
 173 22.6 4.3 44.3
 215 46.1 29.3 69.3

Manual Integrations
 APPROVED

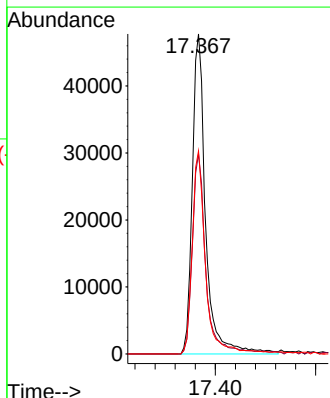
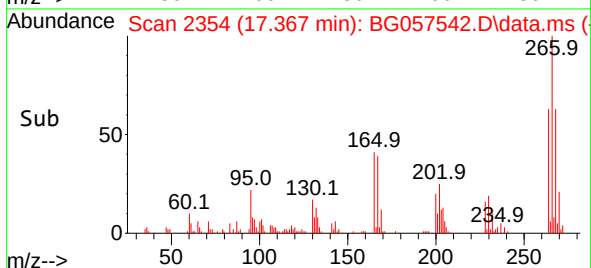
Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023

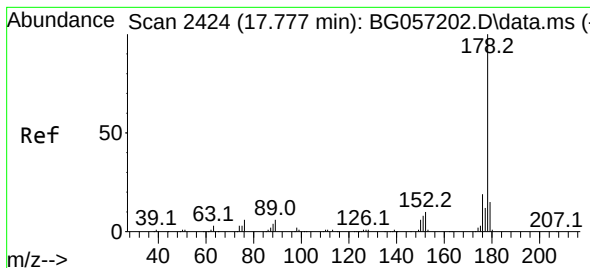


#70
 Pentachlorophenol
 Concen: 98.039 ng
 RT: 17.367 min Scan# 2354
 Delta R.T. -0.010 min
 Lab File: BG057542.D
 Acq: 24 May 2023 20:16



Tgt Ion:266 Resp: 87763
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.0 76.6
 264 63.4 47.8 71.6





#71

Phenanthrene

Concen: 50.937 ng

RT: 17.754 min Scan# 2420

Delta R.T. -0.010 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SB08MS

Tgt Ion:178 Resp: 341758

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

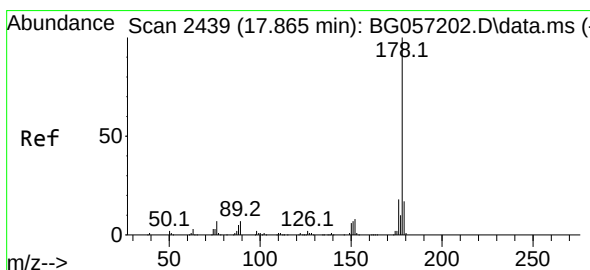
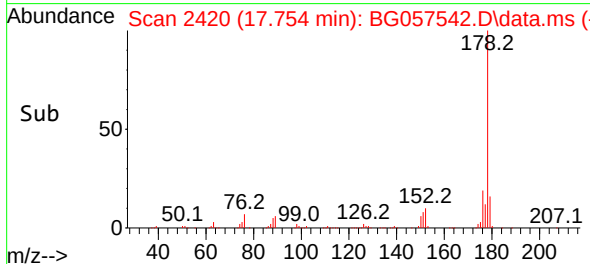
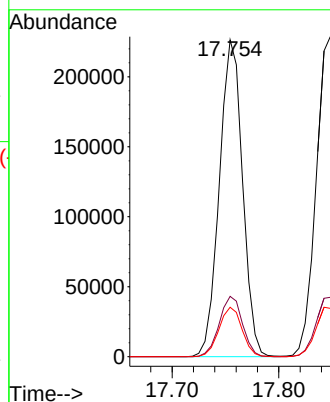
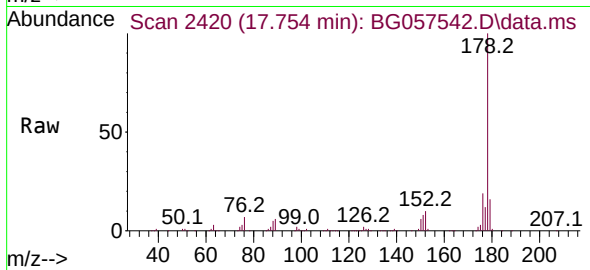
179 15.6 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#72

Anthracene

Concen: 49.815 ng

RT: 17.848 min Scan# 2436

Delta R.T. -0.005 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

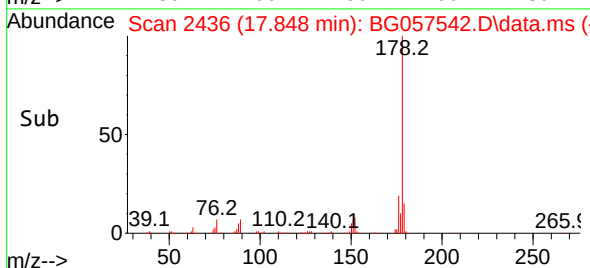
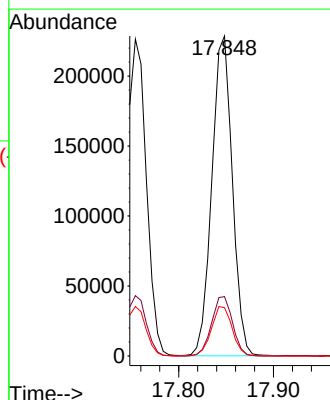
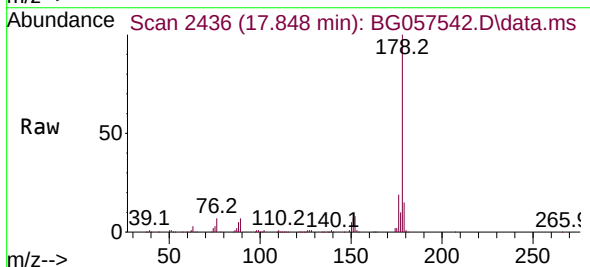
Tgt Ion:178 Resp: 342950

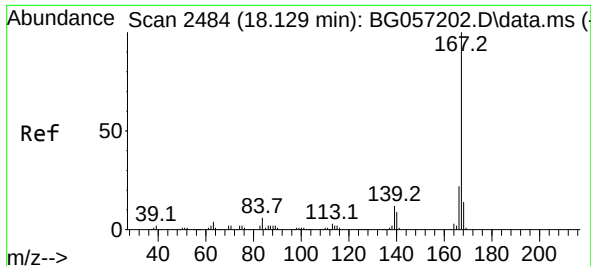
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

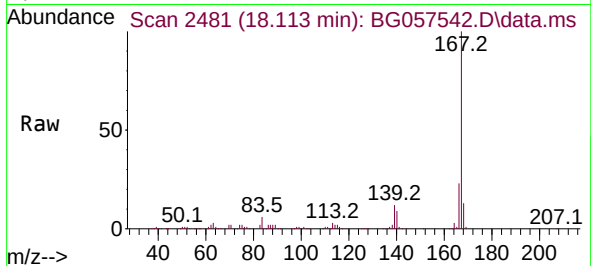
179 15.1 13.2 19.8





#73
Carbazole
Concen: 55.563 ng
RT: 18.113 min Scan# 2481
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

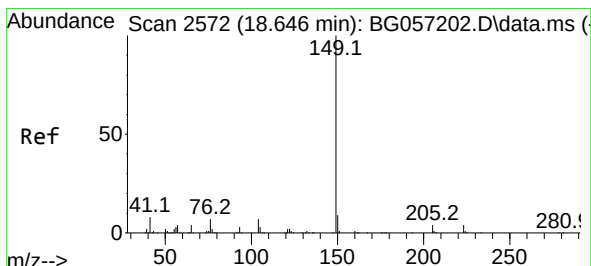
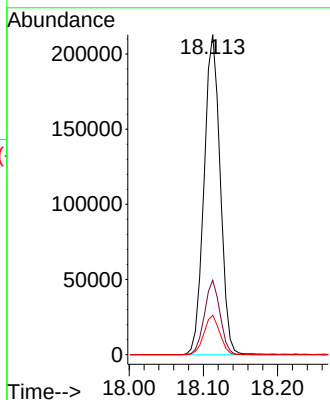
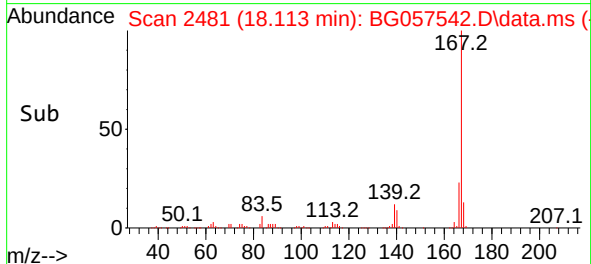
Instrument :
BNA_G
ClientSampleId :
SB08MS



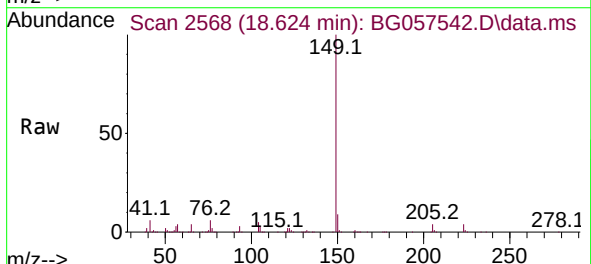
Tgt Ion:167 Resp: 32203
Ion Ratio Lower Upper
167 100
166 23.3 17.4 26.0
139 12.3 9.6 14.4

Manual Integrations
APPROVED

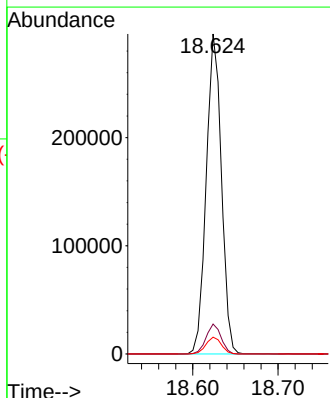
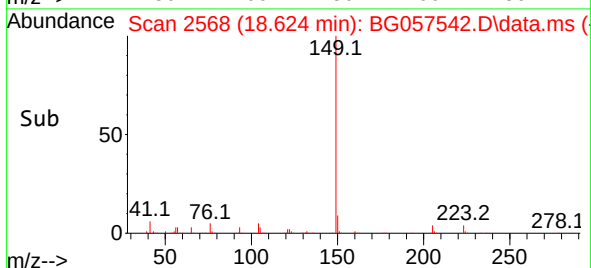
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

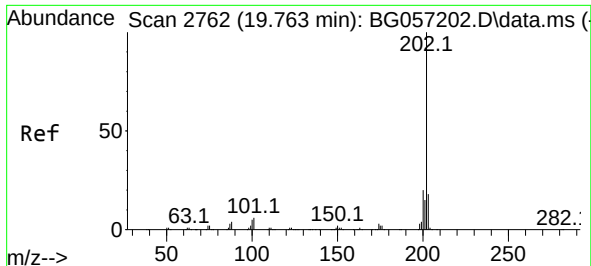


#74
Di-n-butylphthalate
Concen: 54.745 ng
RT: 18.624 min Scan# 2568
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16



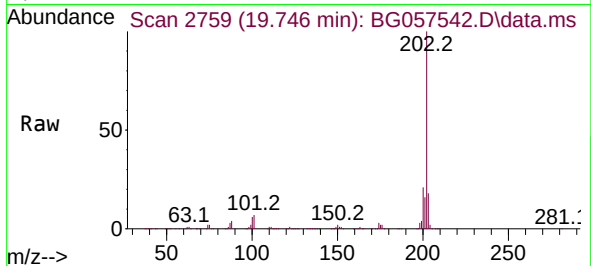
Tgt Ion:149 Resp: 365056
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 5.2 5.4 8.2#





#75
Fluoranthene
Concen: 52.671 ng
RT: 19.746 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

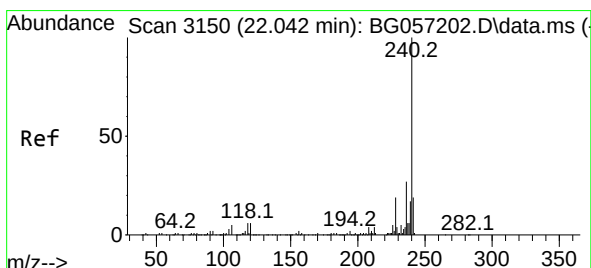
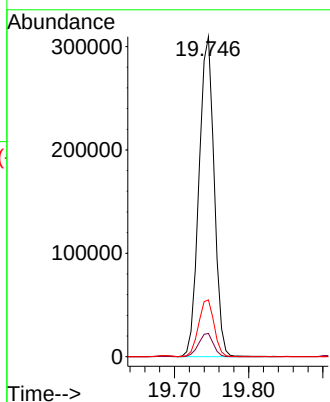
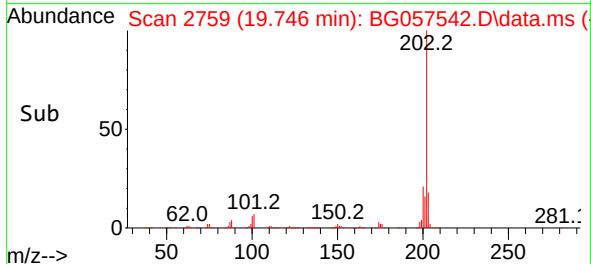
Instrument :
BNA_G
ClientSampleId :
SB08MS



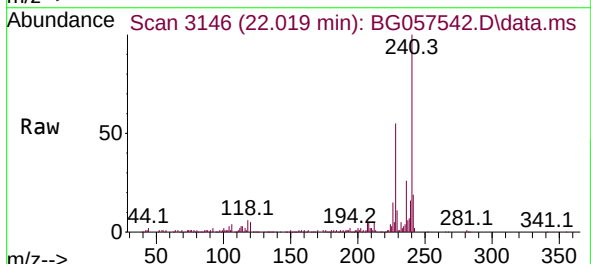
Tgt Ion:202 Resp: 439528
Ion Ratio Lower Upper
202 100
101 7.3 0.0 26.2
203 17.8 0.0 37.9

Manual Integrations
APPROVED

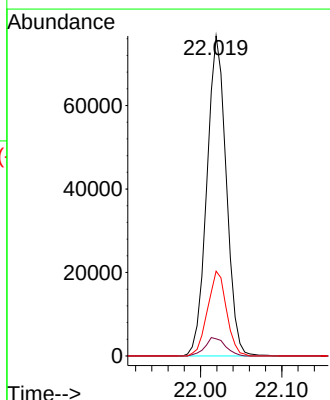
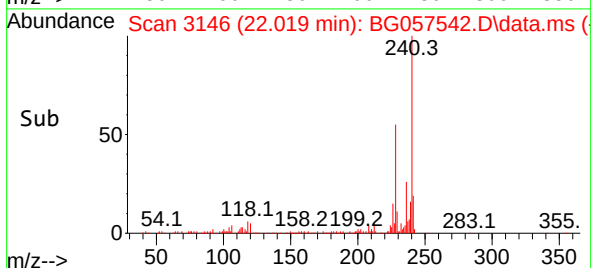
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

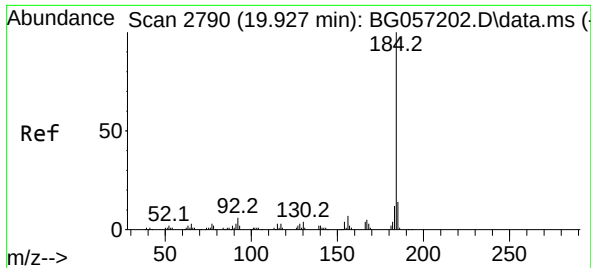


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3146
Delta R.T. -0.016 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16



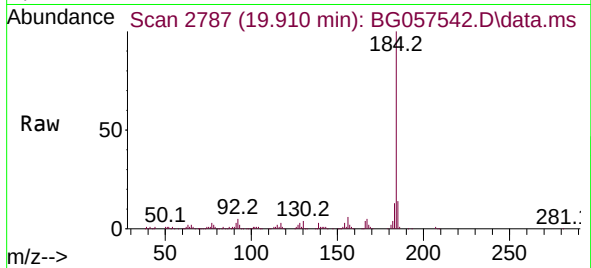
Tgt Ion:240 Resp: 127111
Ion Ratio Lower Upper
240 100
120 5.3 4.9 7.3
236 26.5 21.4 32.2





#77
Benzidine
Concen: 74.459 ng
RT: 19.910 min Scan# 21159
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

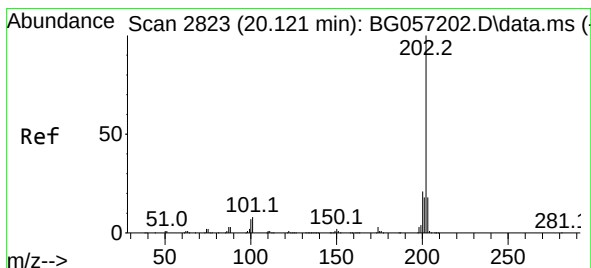
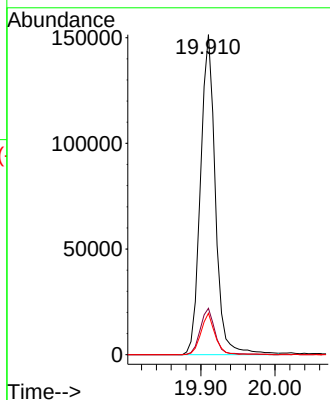
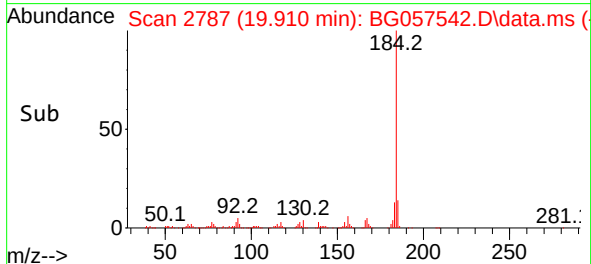
Instrument :
BNA_G
ClientSampleId :
SB08MS



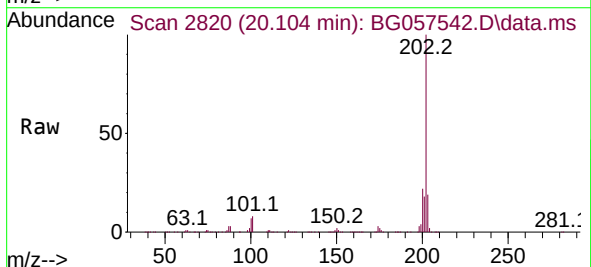
Tgt Ion:184 Resp: 21159
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 13.0 9.9 14.9

Manual Integrations
APPROVED

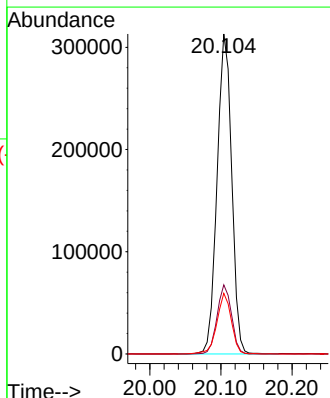
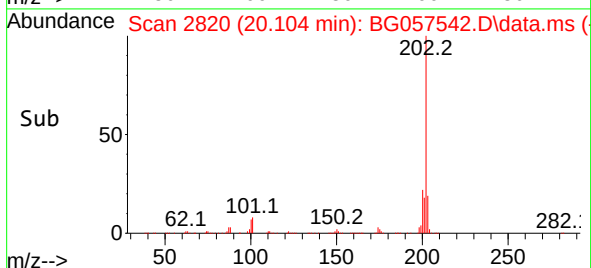
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

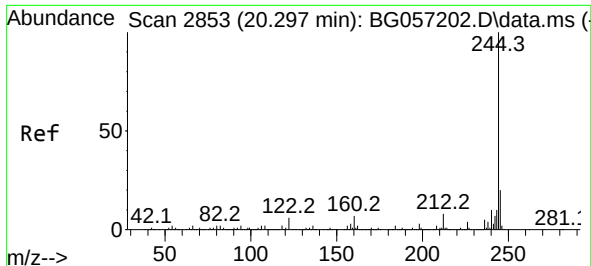


#78
Pyrene
Concen: 48.133 ng
RT: 20.104 min Scan# 2820
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16



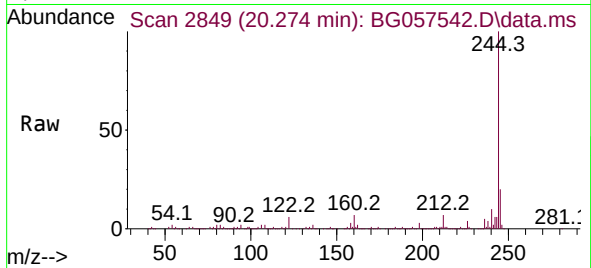
Tgt Ion:202 Resp: 444589
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.4
203 18.9 14.2 21.4





#79
 Terphenyl-d14
 Concen: 60.483 ng
 RT: 20.274 min Scan# 2849
 Delta R.T. -0.016 min
 Lab File: BG057542.D
 Acq: 24 May 2023 20:16

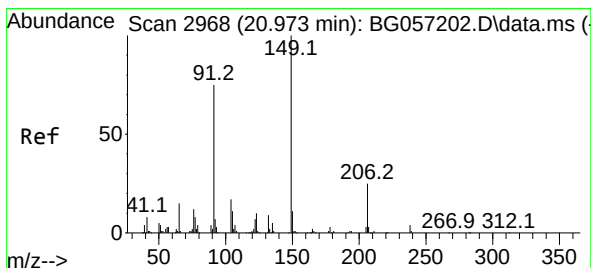
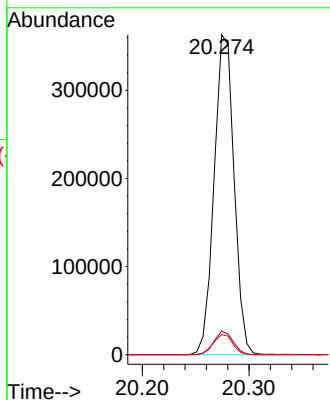
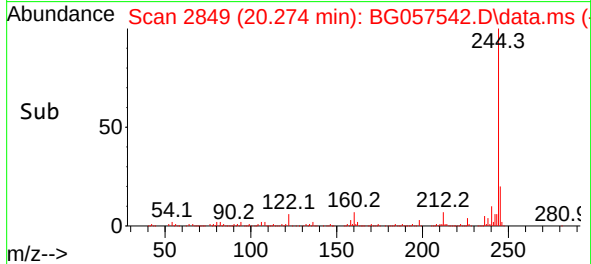
Instrument :
 BNA_G
 ClientSampleId :
 SB08MS



Tgt Ion:244 Resp: 471100
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 6.3 5.1 7.7

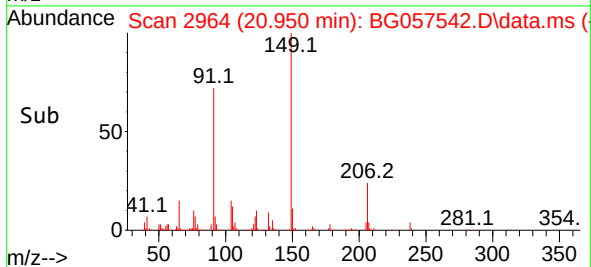
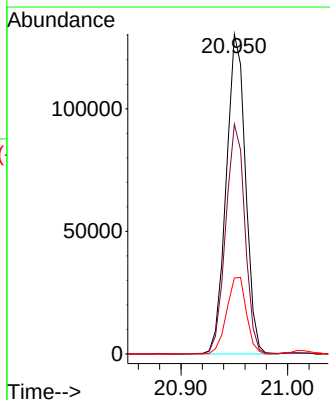
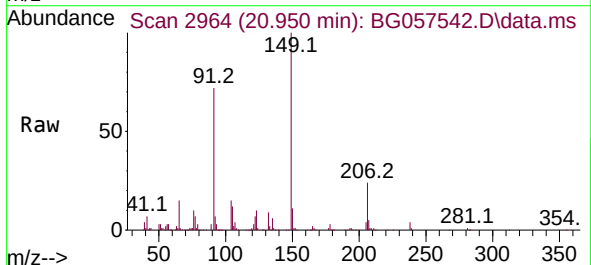
Manual Integrations
 APPROVED

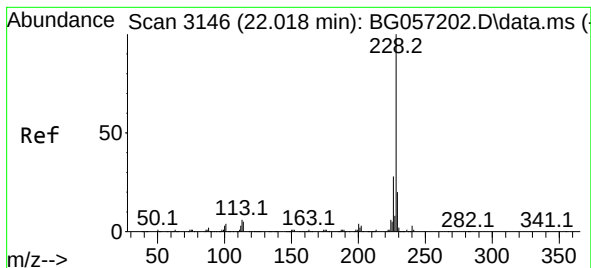
Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023



#80
 Butylbenzylphthalate
 Concen: 55.916 ng
 RT: 20.950 min Scan# 2964
 Delta R.T. -0.010 min
 Lab File: BG057542.D
 Acq: 24 May 2023 20:16

Tgt Ion:149 Resp: 163874
 Ion Ratio Lower Upper
 149 100
 91 71.8 59.7 89.5
 206 23.7 19.7 29.5





#81

Benzo(a)anthracene

Concen: 49.417 ng

RT: 21.996 min Scan# 3146

Delta R.T. -0.016 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SB08MS

Tgt Ion:228 Resp: 447529

Ion Ratio Lower Upper

228 100

226 26.6 22.0 33.0

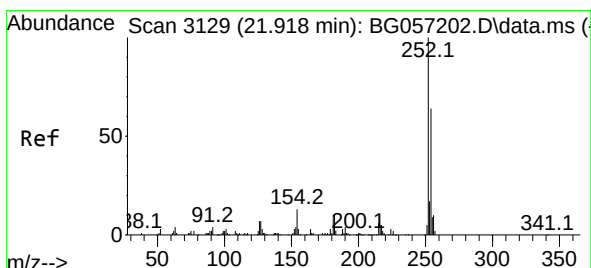
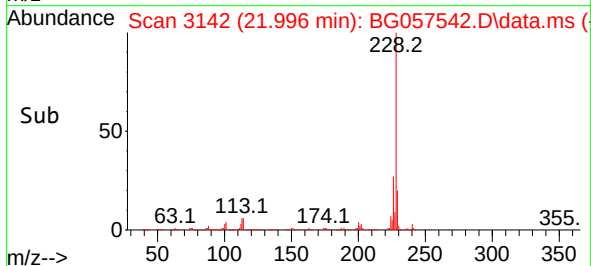
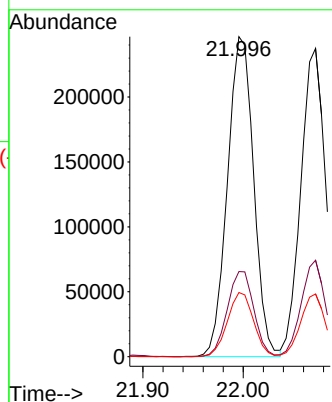
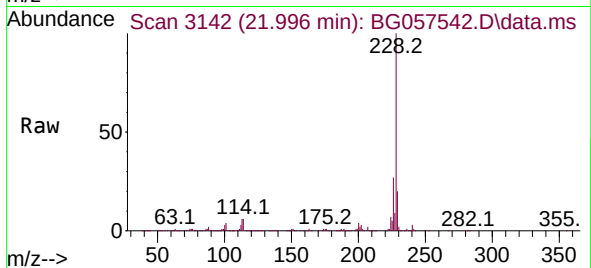
229 20.1 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#82

3,3'-Dichlorobenzidine

Concen: 39.139 ng

RT: 21.896 min Scan# 3125

Delta R.T. -0.010 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

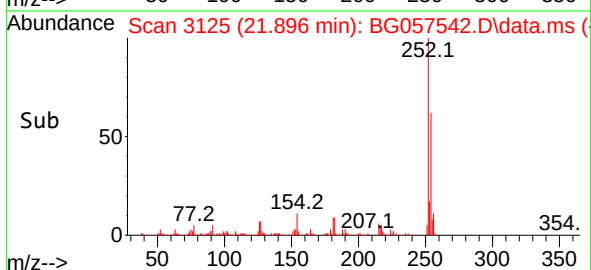
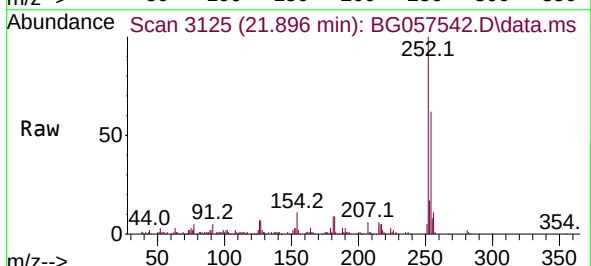
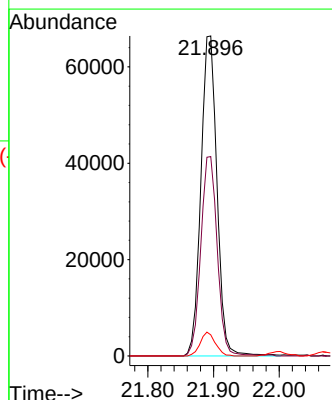
Tgt Ion:252 Resp: 113533

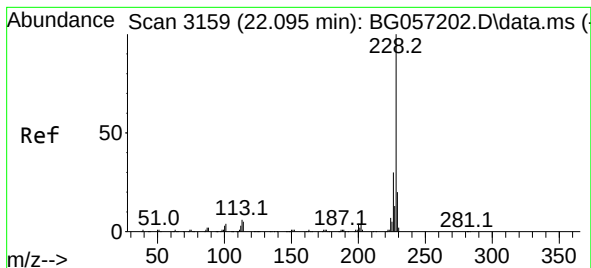
Ion Ratio Lower Upper

252 100

254 62.3 51.4 77.0

126 6.6 5.9 8.9





#83

Chrysene

Concen: 47.819 ng

RT: 22.072 min Scan# 3155

Delta R.T. -0.010 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SB08MS

Tgt Ion:228 Resp: 40746

Ion Ratio Lower Upper

228 100

226 31.3 24.3 36.5

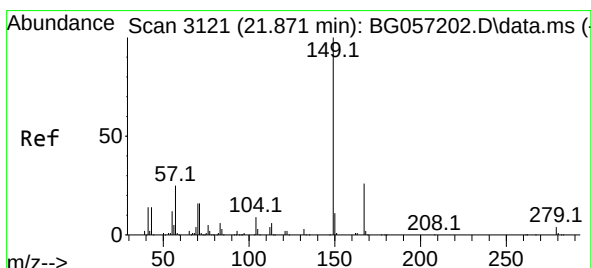
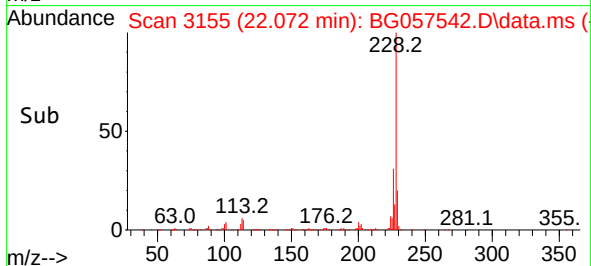
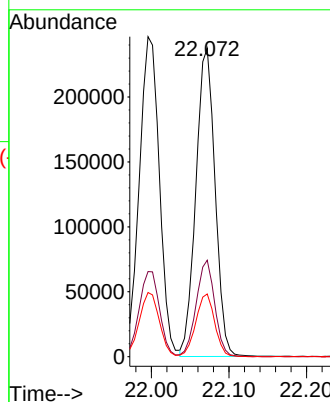
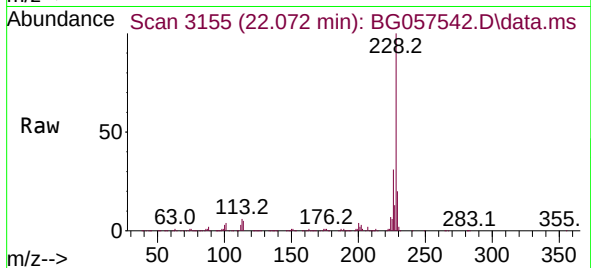
229 20.3 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.224 ng

RT: 21.837 min Scan# 3115

Delta R.T. -0.010 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

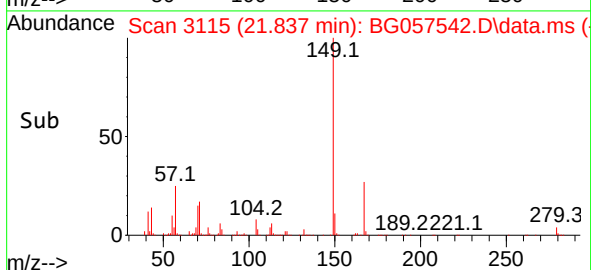
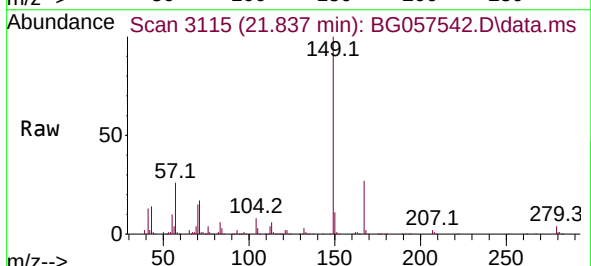
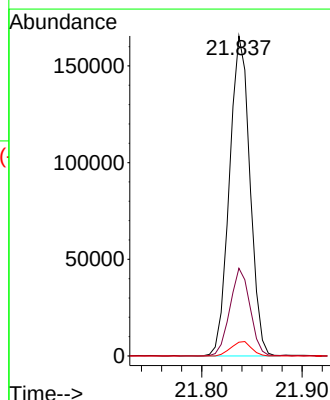
Tgt Ion:149 Resp: 235125

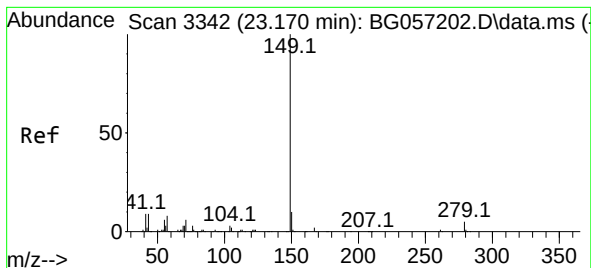
Ion Ratio Lower Upper

149 100

167 27.4 21.2 31.8

279 4.3 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 54.769 ng

RT: 23.129 min Scan# 31

Delta R.T. -0.016 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SB08MS

Tgt Ion:149 Resp: 39592

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

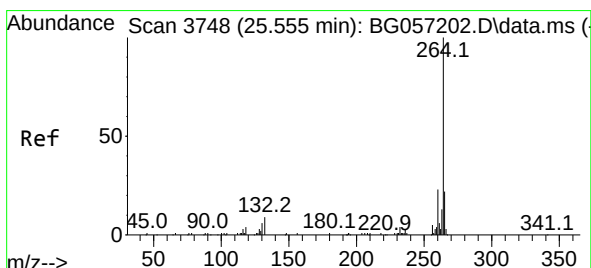
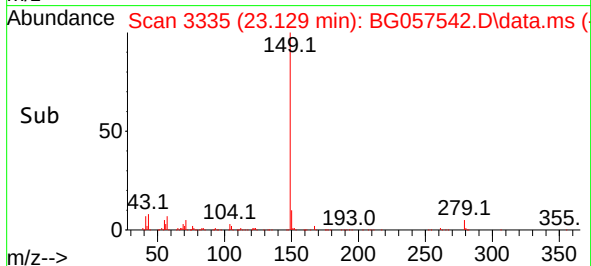
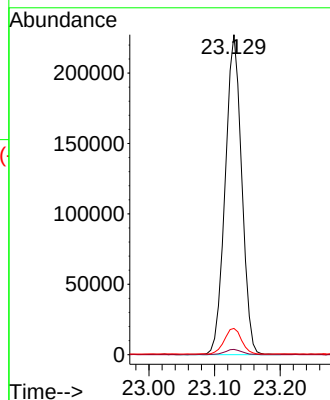
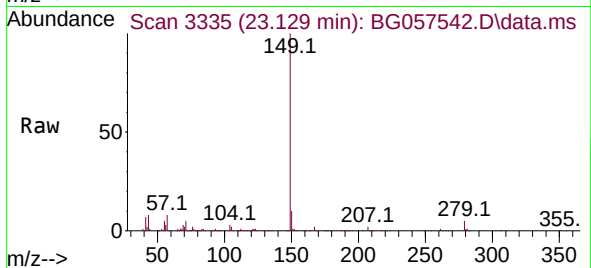
43 8.4 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.520 min Scan# 3742

Delta R.T. -0.022 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

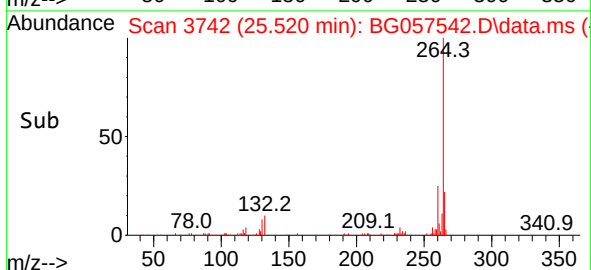
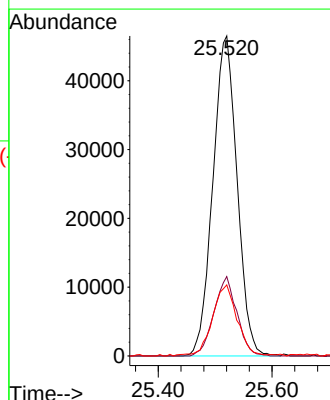
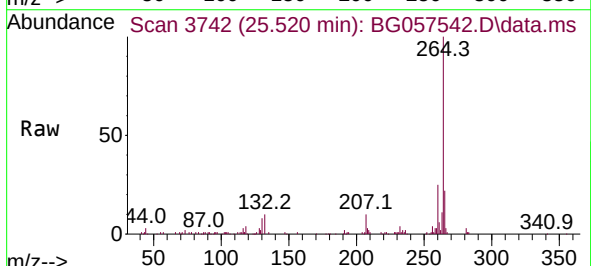
Tgt Ion:264 Resp: 137429

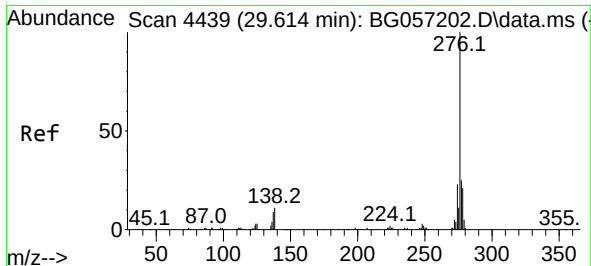
Ion Ratio Lower Upper

264 100

260 24.8 18.8 28.2

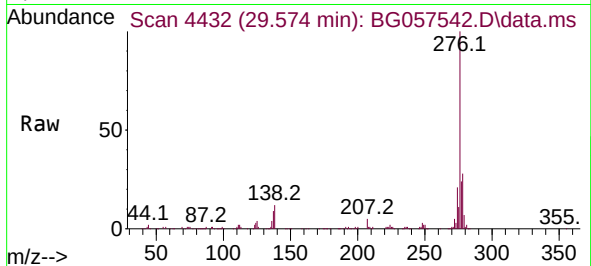
265 22.2 17.9 26.9





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.905 ng
 RT: 29.574 min Scan# 4439
 Delta R.T. -0.046 min
 Lab File: BG057542.D
 Acq: 24 May 2023 20:16

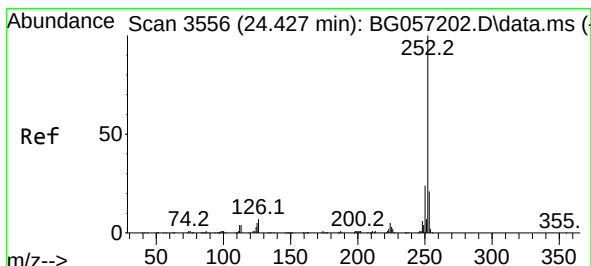
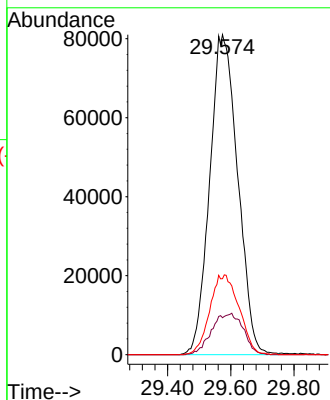
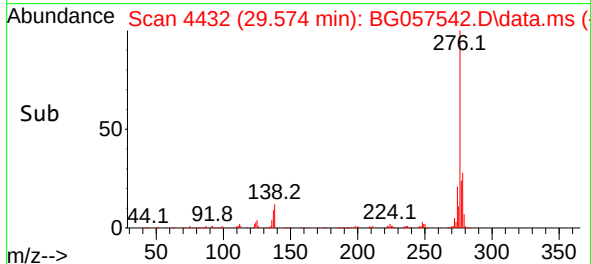
Instrument :
 BNA_G
 ClientSampleId :
 SB08MS



Tgt Ion:276 Resp: 49985
 Ion Ratio Lower Upper
 276 100
 138 5.8 5.4 8.0
 277 26.0 20.6 30.8

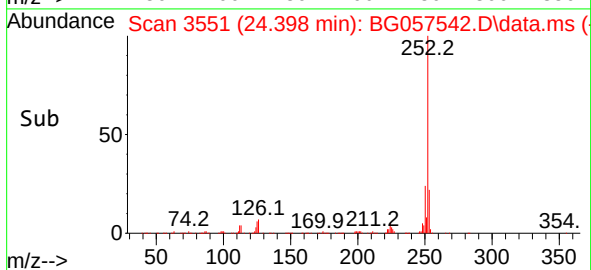
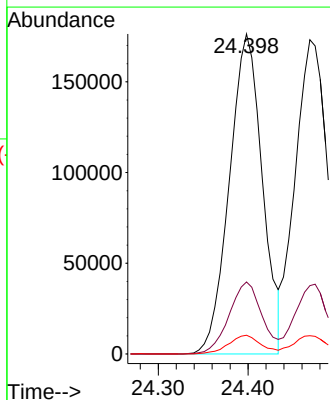
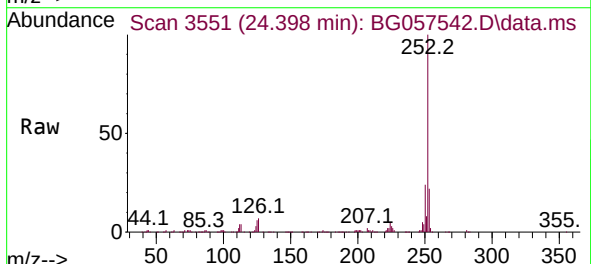
Manual Integrations
 APPROVED

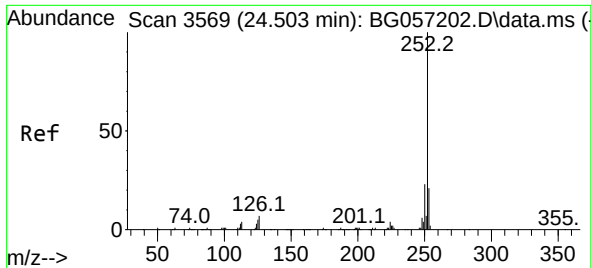
Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023



#88
 Benzo(b)fluoranthene
 Concen: 50.037 ng
 RT: 24.398 min Scan# 3551
 Delta R.T. -0.022 min
 Lab File: BG057542.D
 Acq: 24 May 2023 20:16

Tgt Ion:252 Resp: 449516
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.0 25.6
 125 5.9 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 48.300 ng
RT: 24.469 min Scan# 31
Delta R.T. -0.028 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

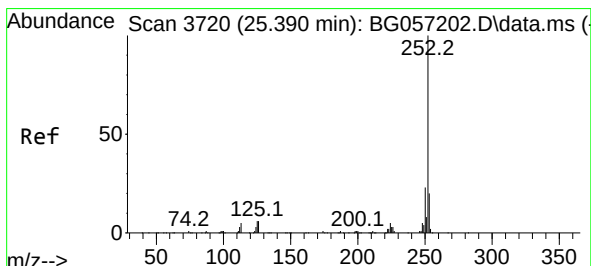
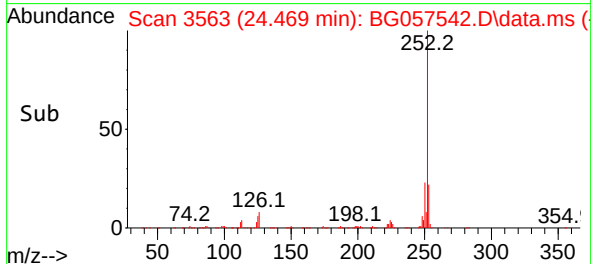
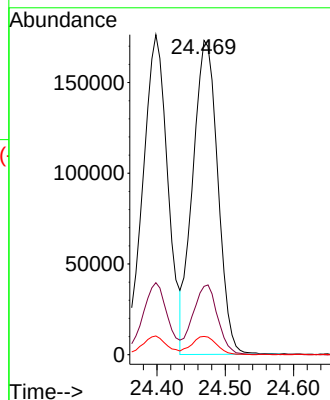
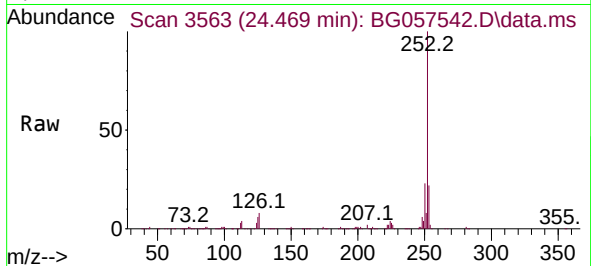
SB08MS

Tgt Ion:252 Resp: 440928
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 5.8 4.1 6.1

Manual Integrations

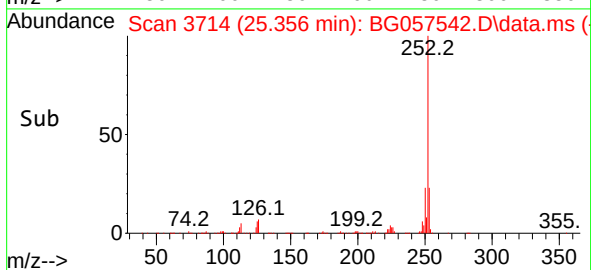
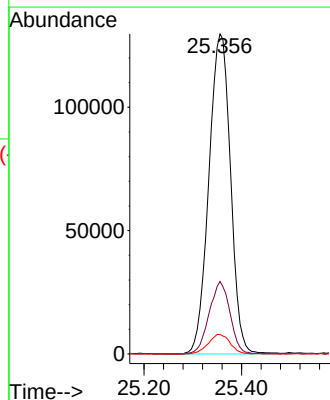
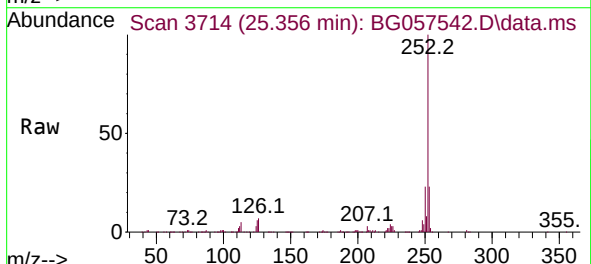
APPROVED

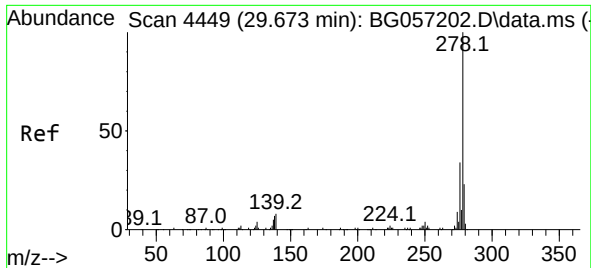
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#90
Benzo(a)pyrene
Concen: 45.505 ng
RT: 25.356 min Scan# 3714
Delta R.T. -0.028 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

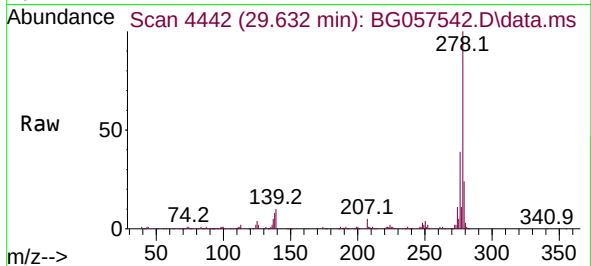
Tgt Ion:252 Resp: 399385
Ion Ratio Lower Upper
252 100
253 22.6 16.3 24.5
125 6.1 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 50.136 ng
RT: 29.632 min Scan# 4442
Delta R.T. -0.028 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

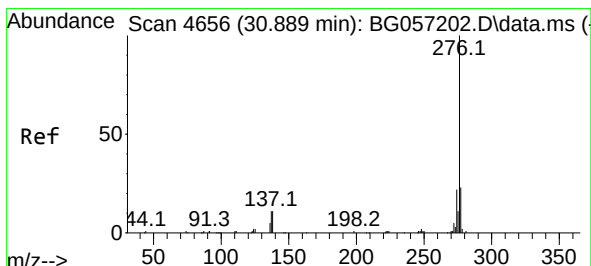
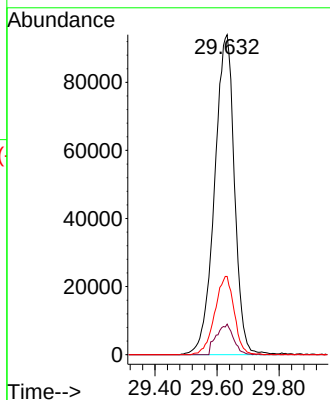
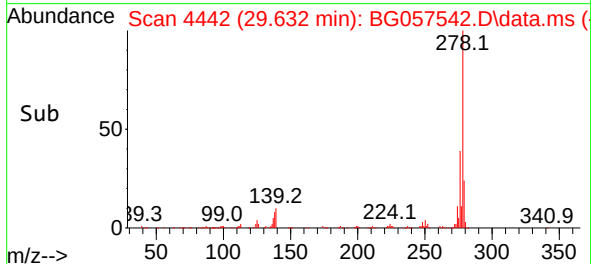
Instrument :
BNA_G
ClientSampleId :
SB08MS



Tgt Ion:278 Resp: 418199
Ion Ratio Lower Upper
278 100
139 9.6 6.2 9.2
279 24.4 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#92
Benzo(g,h,i)perylene
Concen: 49.723 ng
RT: 30.848 min Scan# 4649
Delta R.T. -0.046 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:276 Resp: 404977
Ion Ratio Lower Upper
276 100
277 24.1 18.4 27.6
138 12.2 9.0 13.4

