

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052523\
 Data File : BG057565.D
 Acq On : 25 May 2023 19:54
 Operator : CG/JU
 Sample : 02908-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB10BMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/26/2023
 Supervised By : Jagrut Upadhyay 05/26/2023

Quant Time: May 26 03:01:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 02:58:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.349	152	19636	20.000	ng	0.00
21) Naphthalene-d8	11.186	136	78739	20.000	ng	0.00
39) Acenaphthene-d10	14.969	164	58848	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	147712	20.000	ng	0.00
76) Chrysene-d12	22.018	240	130424	20.000	ng	0.00
86) Perylene-d12	25.520	264	143262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.870	112	126874	110.528	ng	0.00
7) Phenol-d6	7.503	99	185292	106.299	ng	0.00
23) Nitrobenzene-d5	9.535	82	113979	60.755	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	90919	108.886	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	275009	62.939	ng	0.00
79) Terphenyl-d14	20.274	244	505822	63.291	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.661	88	20093	42.334	ng	98
3) Pyridine	4.090	79	56864	37.281	ng	94
4) n-Nitrosodimethylamine	3.996	42	29507	41.165	ng	86
6) Aniline	7.667	93	67798	30.660	ng	95
8) 2-Chlorophenol	7.914	128	66185	54.565	ng	99
9) Benzaldehyde	7.479	77	44230	49.504	ng	96
10) Phenol	7.526	94	89700	52.789	ng	95
11) bis(2-Chloroethyl)ether	7.749	93	60511	47.225	ng	99
12) 1,3-Dichlorobenzene	8.237	146	70030	52.311	ng	96
13) 1,4-Dichlorobenzene	8.384	146	70515	52.439	ng	95
14) 1,2-Dichlorobenzene	8.707	146	67795	52.225	ng	95
15) Benzyl Alcohol	8.590	79	69366	47.768	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.871	45	73907	45.763	ng	100
17) 2-Methylphenol	8.795	107	60837	49.667	ng	96
18) Hexachloroethane	9.447	117	25540	52.630	ng	96
19) n-Nitroso-di-n-propyla...	9.153	70	55395	41.677	ng	98
20) 3+4-Methylphenols	9.124	107	83256	49.639	ng	94
22) Acetophenone	9.183	105	103145	45.769	ng	# 95
24) Nitrobenzene	9.576	77	83146	43.911	ng	93
25) Isophorone	10.093	82	151933	41.765	ng	99
26) 2-Nitrophenol	10.293	139	38651	53.327	ng	95
27) 2,4-Dimethylphenol	10.340	122	68111	53.667	ng	99
28) bis(2-Chloroethoxy)met...	10.563	93	83143	45.621	ng	98
29) 2,4-Dichlorophenol	10.834	162	73437	54.556	ng	95
30) 1,2,4-Trichlorobenzene	11.045	180	74034	47.685	ng	98
31) Naphthalene	11.239	128	198504	47.156	ng	99
32) Benzoic acid	10.493	122	37462m	50.875	ng	
33) 4-Chloroaniline	11.345	127	53817	28.468	ng	95
34) Hexachlorobutadiene	11.509	225	52160	45.276	ng	96
35) Caprolactam	12.126	113	24466	53.209	ng	92
36) 4-Chloro-3-methylphenol	12.449	107	80142	52.390	ng	96
37) 2-Methylnaphthalene	12.819	142	149688	45.227	ng	93
38) 1-Methylnaphthalene	13.036	142	138875	44.518	ng	99
40) 1,2,4,5-Tetrachloroben...	13.183	216	100641	48.173	ng	99
41) Hexachlorocyclopentadiene	13.148	237	70341	70.831	ng	98
43) 2,4,6-Trichlorophenol	13.418	196	68500	53.819	ng	97

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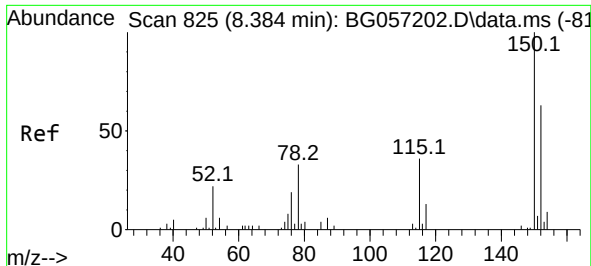
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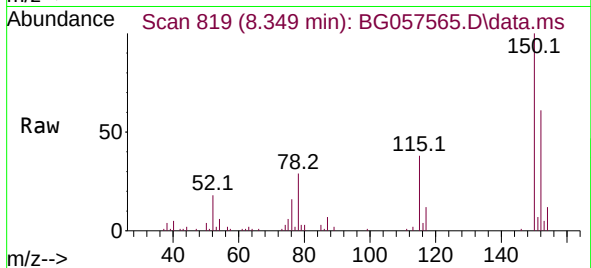
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.501	196	74743	49.923	ng	96
46) 1,1'-Biphenyl	13.806	154	212542	48.673	ng	98
47) 2-Chloronaphthalene	13.859	162	161353	49.690	ng	99
48) 2-Nitroaniline	14.059	65	53783	48.712	ng	93
49) Acenaphthylene	14.699	152	257156	48.745	ng	98
50) Dimethylphthalate	14.405	163	214899	44.439	ng	99
51) 2,6-Dinitrotoluene	14.540	165	49180	49.810	ng	88
52) Acenaphthene	15.034	154	157408	47.750	ng	99
53) 3-Nitroaniline	14.875	138	30928	31.267	ng #	89
54) 2,4-Dinitrophenol	15.092	184	56257	91.267	ng	98
55) Dibenzofuran	15.363	168	263030	47.489	ng	100
56) 4-Nitrophenol	15.186	139	72940	110.871	ng	88
57) 2,4-Dinitrotoluene	15.327	165	70156	49.717	ng	95
58) Fluorene	16.009	166	214379	46.989	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.592	232	70188	51.709	ng	98
60) Diethylphthalate	15.750	149	220199	44.838	ng	98
61) 4-Chlorophenyl-phenyle...	15.985	204	123006	44.755	ng	95
62) 4-Nitroaniline	16.038	138	50311	50.418	ng	86
63) Azobenzene	16.279	77	226434	47.787	ng	96
65) 4,6-Dinitro-2-methylph...	16.097	198	49444	56.066	ng	96
66) n-Nitrosodiphenylamine	16.203	169	191276	47.678	ng	99
67) 4-Bromophenyl-phenylether	16.878	248	82887	45.967	ng	95
68) Hexachlorobenzene	17.013	284	90983	51.922	ng	96
69) Atrazine	17.137	200	86797	56.715	ng	99
70) Pentachlorophenol	17.360	266	94602	93.677	ng	98
71) Phenanthrene	17.754	178	362734	47.923	ng	99
72) Anthracene	17.842	178	369487	47.575	ng	99
73) Carbazole	18.112	167	331764	50.741	ng	98
74) Di-n-butylphthalate	18.623	149	377980	50.245	ng #	98
75) Fluoranthene	19.739	202	445861	47.362	ng	97
77) Benzidine	19.909	184	160840	55.161	ng	98
78) Pyrene	20.103	202	454539	47.960	ng	99
80) Butylbenzylphthalate	20.949	149	164536	54.716	ng	97
81) Benzo(a)anthracene	21.995	228	449411	48.364	ng	99
82) 3,3'-Dichlorobenzidine	21.895	252	105549	35.462	ng	98
83) Chrysene	22.071	228	407195	46.574	ng	99
84) Bis(2-ethylhexyl)phtha...	21.836	149	231957	52.135	ng	99
85) Di-n-octyl phthalate	23.129	149	388102	52.323	ng	98
87) Indeno(1,2,3-cd)pyrene	29.579	276	498643	47.758	ng	99
88) Benzo(b)fluoranthene	24.398	252	445166	47.535	ng	97
89) Benzo(k)fluoranthene	24.474	252	441308	46.373	ng	99
90) Benzo(a)pyrene	25.355	252	396984	43.390	ng	99
91) Dibenzo(a,h)anthracene	29.632	278	416066	47.850	ng #	98
92) Benzo(g,h,i)perylene	30.854	276	401583	47.299	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.349 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

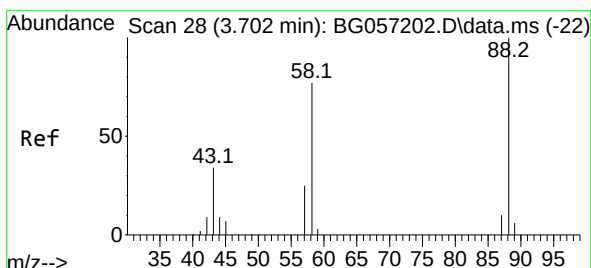
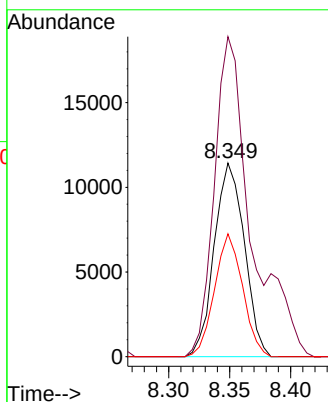
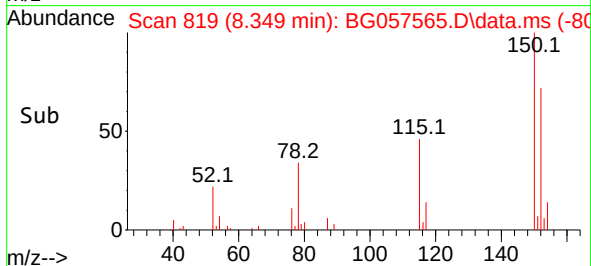
Instrument :
BNA_G
ClientSampleId :
SB10BMSD



Tgt Ion:152 Resp: 19630
Ion Ratio Lower Upper
152 100
150 165.2 126.2 189.4
115 63.4 45.0 67.4

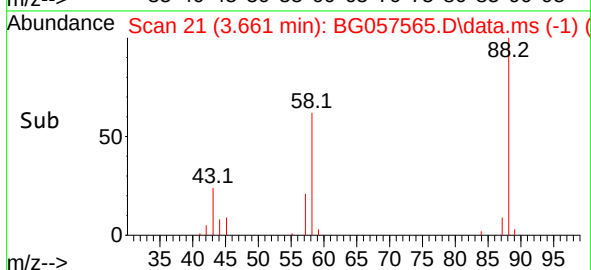
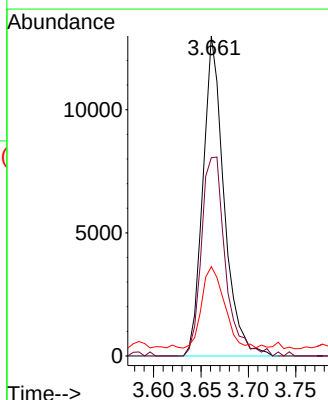
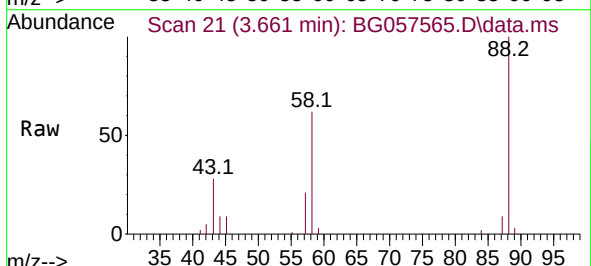
Manual Integrations
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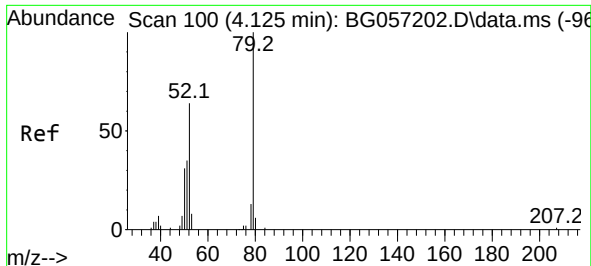
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#2
1,4-Dioxane
Concen: 42.334 ng
RT: 3.661 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Tgt Ion: 88 Resp: 20093
Ion Ratio Lower Upper
88 100
58 71.2 57.1 85.7
43 27.5 24.4 36.6





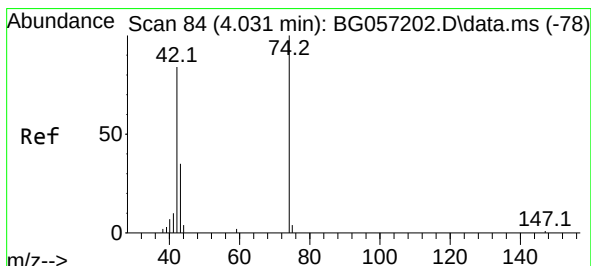
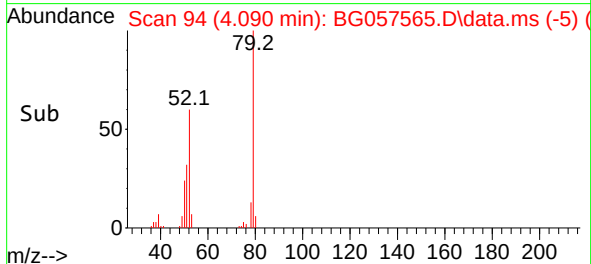
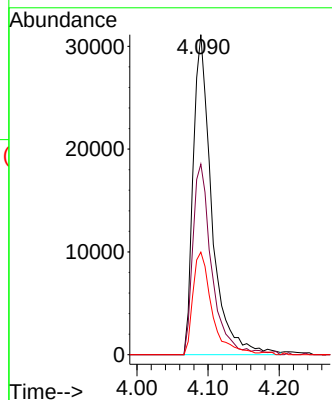
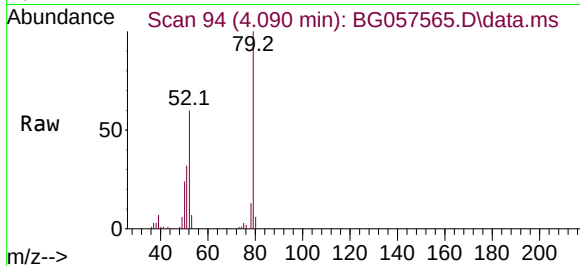
#3
Pyridine
Concen: 37.281 ng
RT: 4.090 min Scan# 94
Delta R.T. -0.008 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Instrument :
BNA_G
ClientSampleId :
SB10BMSD

Tgt Ion: 79 Resp: 5686
Ion Ratio Lower Upper
79 100
52 59.6 51.4 77.0
51 32.1 28.0 42.0

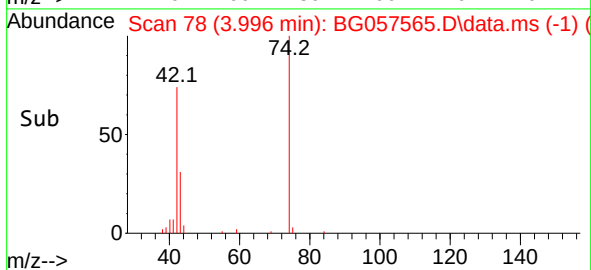
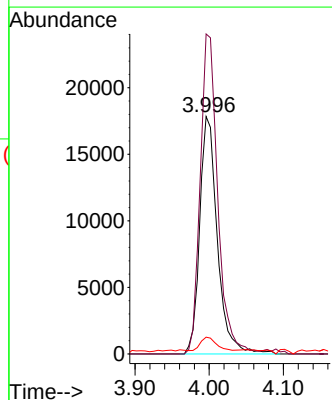
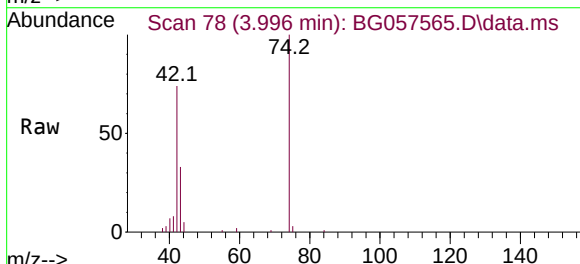
Manual Integrations
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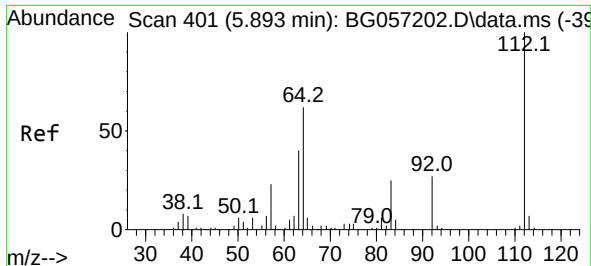
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#4
n-Nitrosodimethylamine
Concen: 41.165 ng
RT: 3.996 min Scan# 78
Delta R.T. -0.008 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Tgt Ion: 42 Resp: 29507
Ion Ratio Lower Upper
42 100
74 134.8 95.1 142.7
44 7.1 5.8 8.8





#5
2-Fluorophenol
Concen: 110.528 ng
RT: 5.870 min Scan# 397
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Instrument :

BNA_G

ClientSampleId :

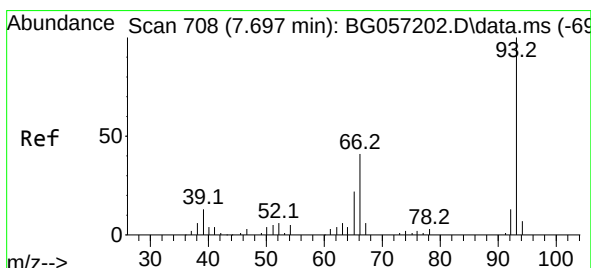
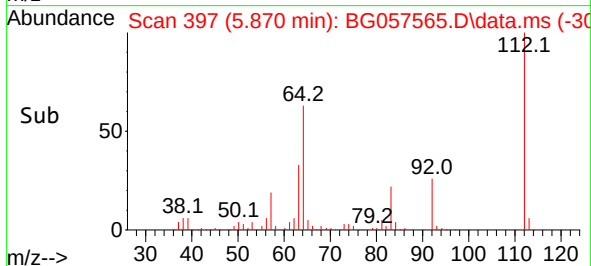
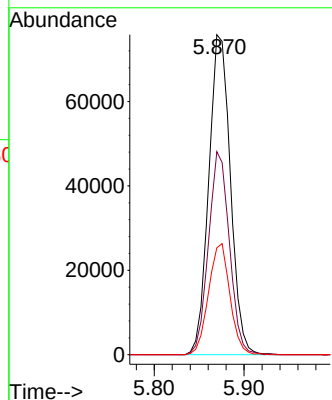
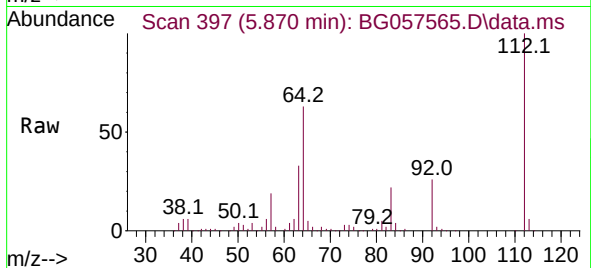
SB10BMSD

Tgt Ion:112 Resp: 126874
Ion Ratio Lower Upper
112 100
64 63.4 49.4 74.2
63 33.4 31.6 47.4

Manual Integrations

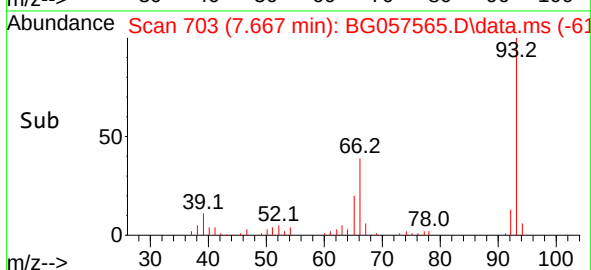
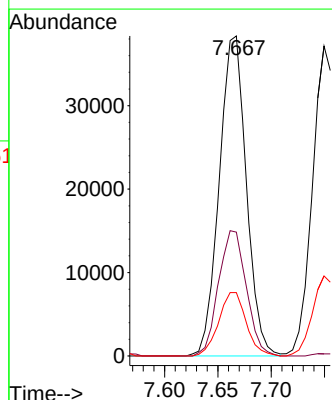
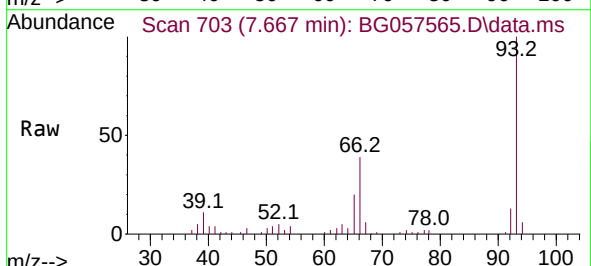
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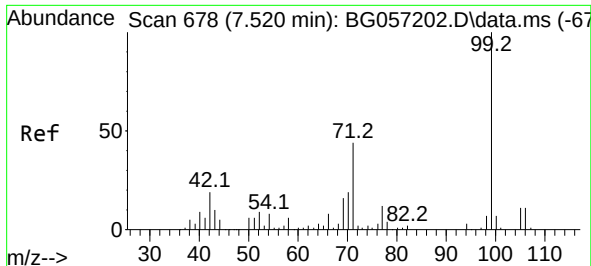
Reviewed By :Christian Giraldo 05/26/2023
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#6
Aniline
Concen: 30.660 ng
RT: 7.667 min Scan# 703
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Tgt Ion: 93 Resp: 67798
Ion Ratio Lower Upper
93 100
66 38.7 33.0 49.6
65 19.8 18.0 27.0





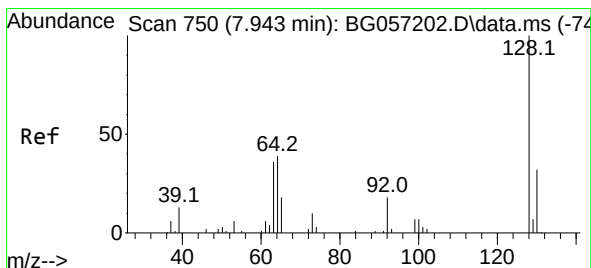
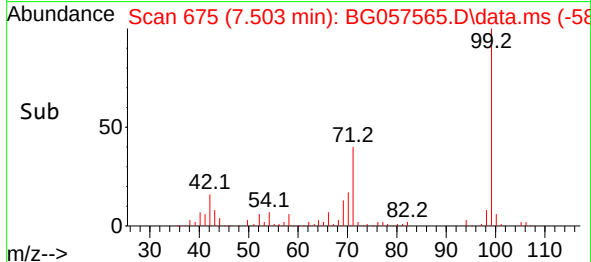
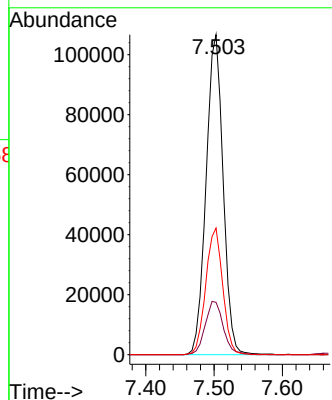
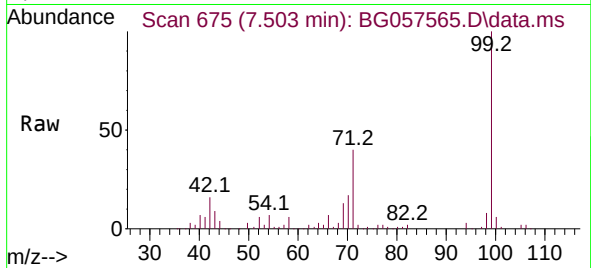
#7
Phenol-d6
Concen: 106.299 ng
RT: 7.503 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Instrument :
BNA_G
ClientSampleId :
SB10BMSD

Tgt Ion: 99 Resp: 18529
Ion Ratio Lower Upper
99 100
42 16.4 15.1 22.7
71 39.6 35.2 52.8

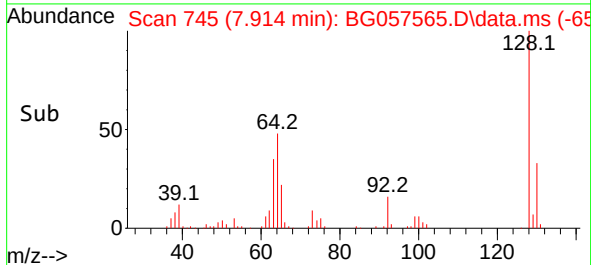
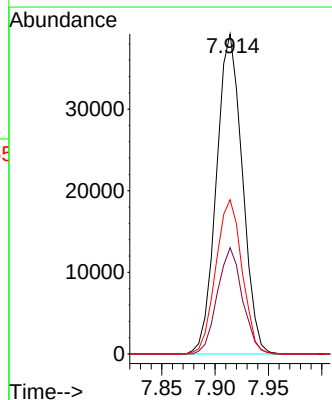
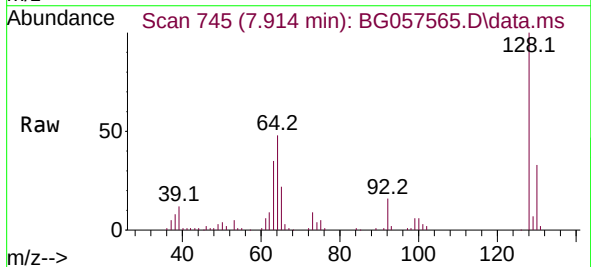
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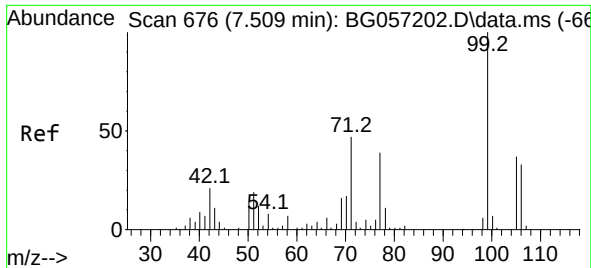
Reviewed By :Christian Giraldo 05/26/2023
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#8
2-Chlorophenol
Concen: 54.565 ng
RT: 7.914 min Scan# 745
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

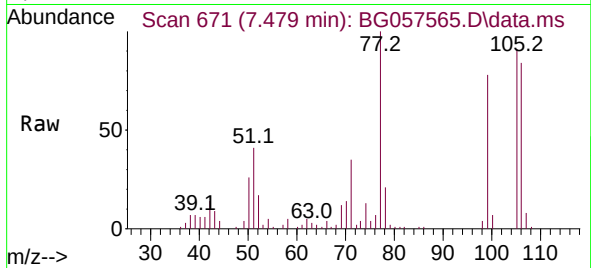
Tgt Ion:128 Resp: 66185
Ion Ratio Lower Upper
128 100
130 33.2 12.2 52.2
64 48.2 28.4 68.4





#9
Benzaldehyde
Concen: 49.504 ng
RT: 7.479 min Scan# 611
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

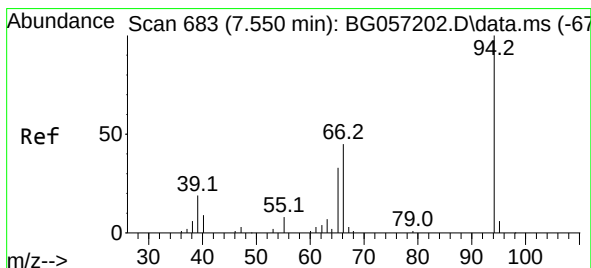
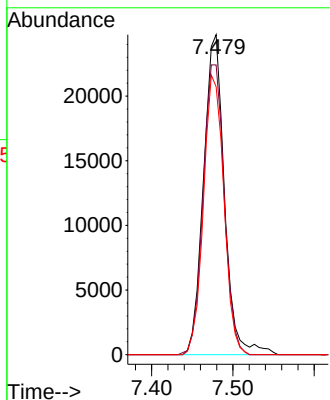
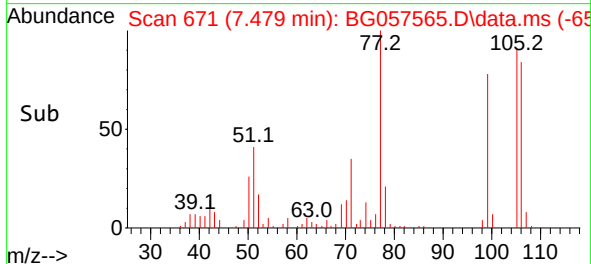
Instrument :
BNA_G
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Tgt Ion: 77 Resp: 44230
Ion Ratio Lower Upper
77 100
105 90.6 74.6 114.6
106 83.7 66.3 106.3

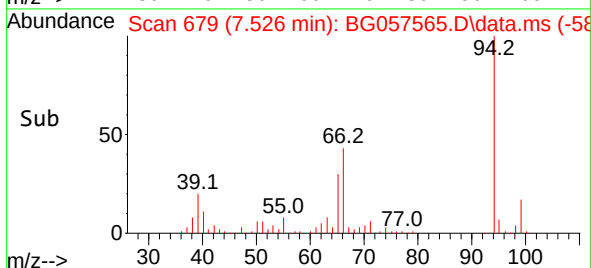
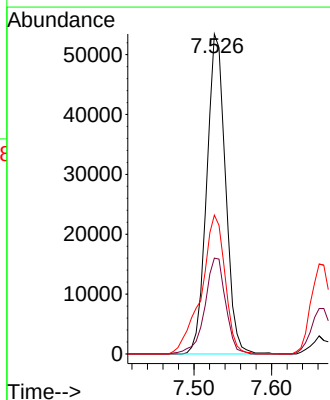
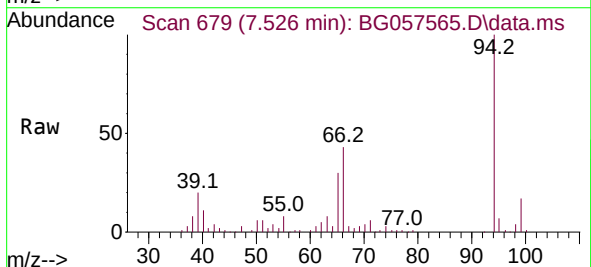
Manual Integrations
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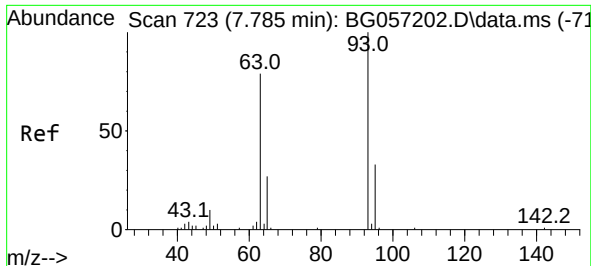
Reviewed By :Christian Giraldo 05/26/2023
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#10
Phenol
Concen: 52.789 ng
RT: 7.526 min Scan# 679
Delta R.T. -0.003 min
Lab File: BG057565.D
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Tgt Ion: 94 Resp: 89700
Ion Ratio Lower Upper
94 100
65 29.9 13.5 53.5
66 43.4 26.7 66.7





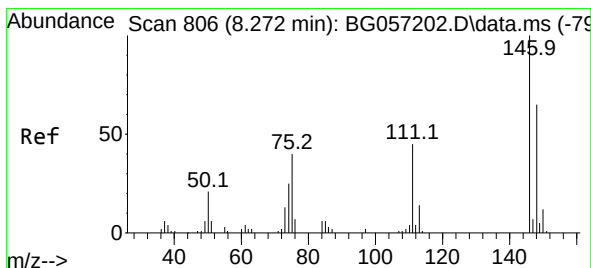
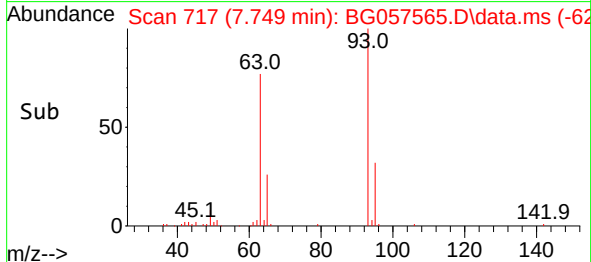
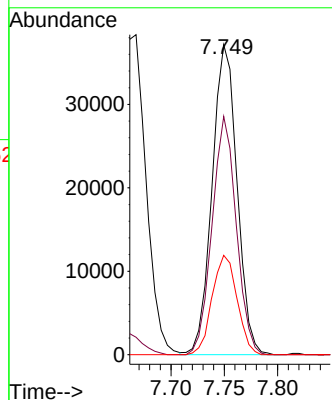
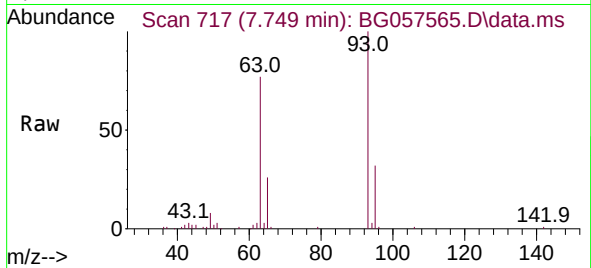
#11
bis(2-Chloroethyl)ether
Concen: 47.225 ng
RT: 7.749 min Scan# 717
Delta R.T. -0.008 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Instrument :
BNA_G
ClientSampleId :
SB10BMSD

Tgt Ion: 93 Resp: 6051
Ion Ratio Lower Upper
93 100
63 76.9 58.6 98.6
95 32.1 12.2 52.2

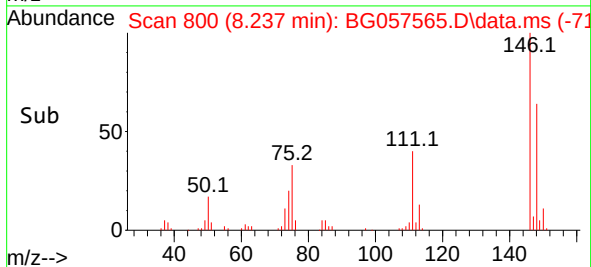
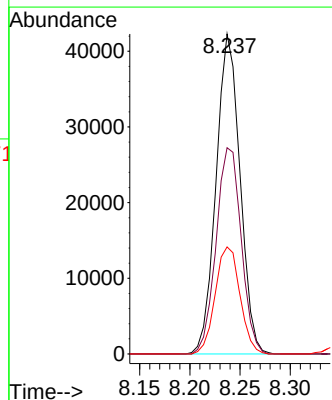
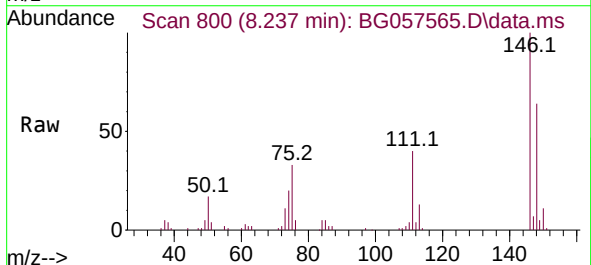
Manual Integrations
APPROVED

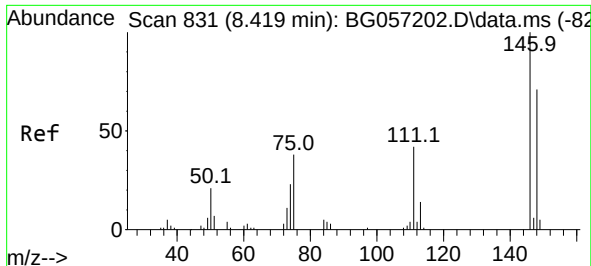
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#12
1,3-Dichlorobenzene
Concen: 52.311 ng
RT: 8.237 min Scan# 800
Delta R.T. -0.008 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Tgt Ion:146 Resp: 70030
Ion Ratio Lower Upper
146 100
148 64.5 52.2 78.2
75 33.5 31.7 47.5





#13

1,4-Dichlorobenzene

Concen: 52.439 ng

RT: 8.384 min Scan# 81

Delta R.T. -0.008 min

Lab File: BG057565.D

Acq: 25 May 2023 19:54

Instrument :

BNA_G

ClientSampleId :

SB10BMSD

Tgt Ion:146 Resp: 7051

Ion Ratio Lower Upper

146 100

148 65.4 56.4 84.6

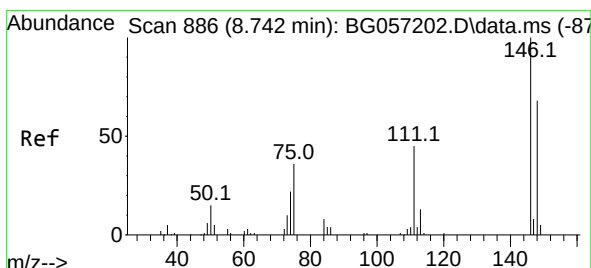
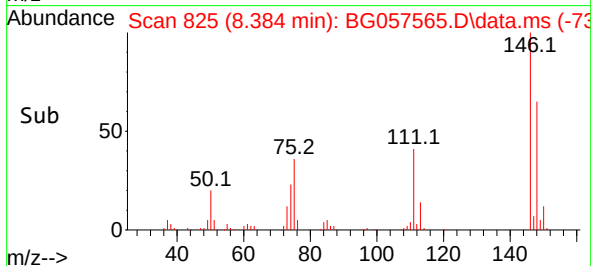
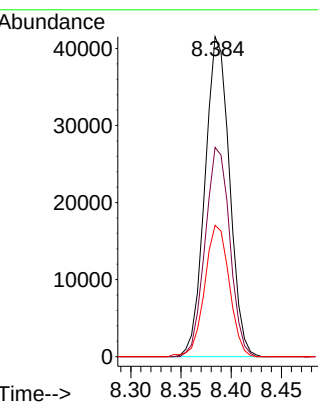
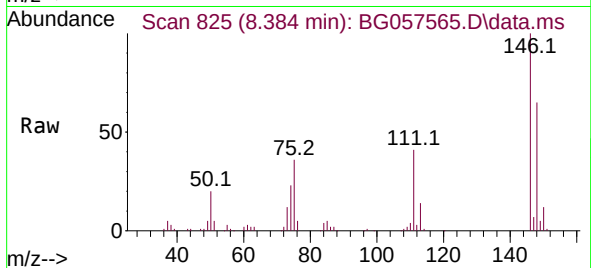
111 41.1 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023



#14

1,2-Dichlorobenzene

Concen: 52.225 ng

RT: 8.707 min Scan# 880

Delta R.T. -0.008 min

Lab File: BG057565.D

Acq: 25 May 2023 19:54

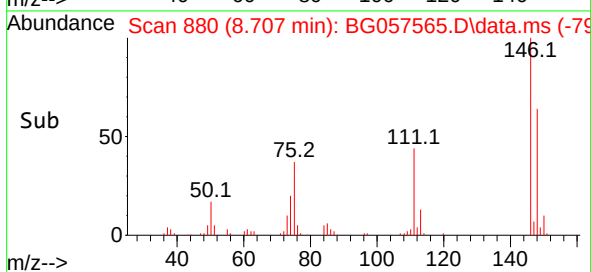
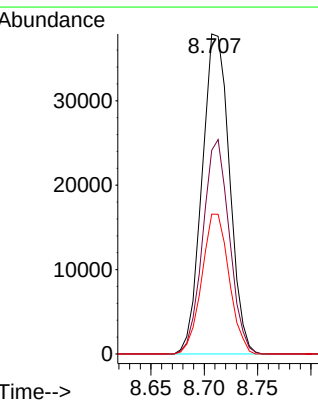
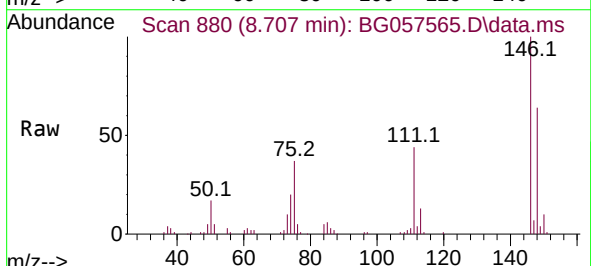
Tgt Ion:146 Resp: 67795

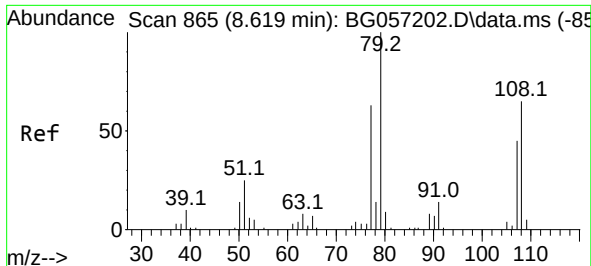
Ion Ratio Lower Upper

146 100

148 63.6 54.6 82.0

111 43.7 37.2 55.8





#15
Benzyl Alcohol
Concen: 47.768 ng
RT: 8.590 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Instrument :

BNA_G

ClientSampleId :

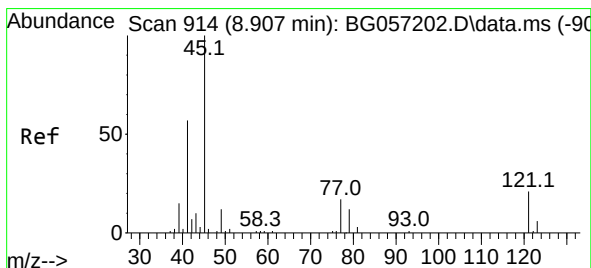
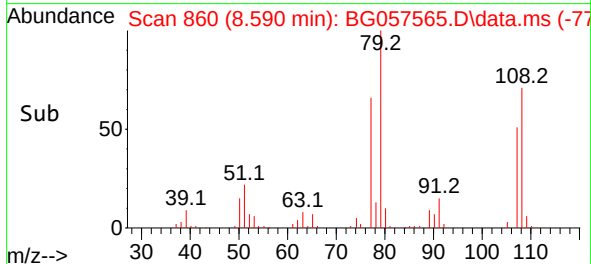
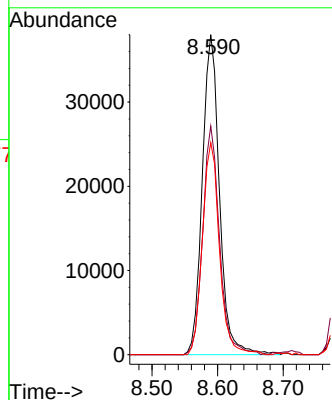
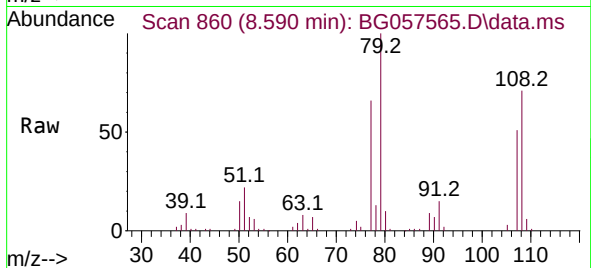
SB10BMSD

Tgt Ion: 79 Resp: 69360
Ion Ratio Lower Upper
79 100
108 71.5 52.2 78.2
77 66.3 50.1 75.1

Manual Integrations

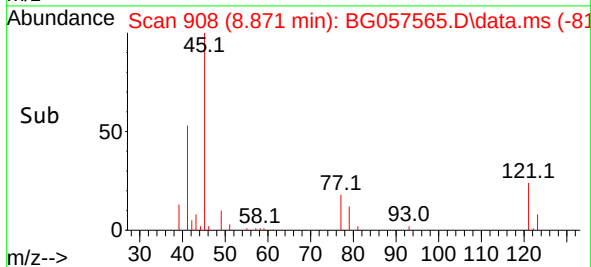
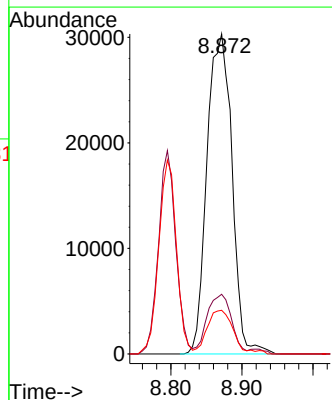
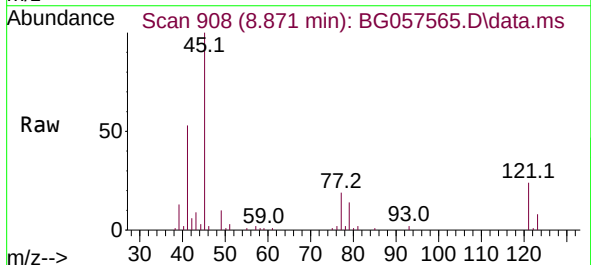
APPROVED

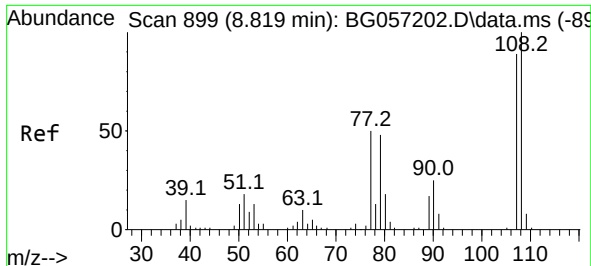
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.763 ng
RT: 8.871 min Scan# 908
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Tgt Ion: 45 Resp: 73907
Ion Ratio Lower Upper
45 100
77 18.7 0.0 38.5
79 13.6 0.0 33.8





#17

2-Methylphenol

Concen: 49.667 ng

RT: 8.795 min Scan# 899

Delta R.T. -0.003 min

Lab File: BG057565.D

Acq: 25 May 2023 19:54

Instrument :

BNA_G

ClientSampleId :

SB10BMSD

Tgt Ion:107 Resp: 6083

Ion Ratio Lower Upper

107 100

108 108.6 89.5 134.3

77 52.3 45.1 67.7

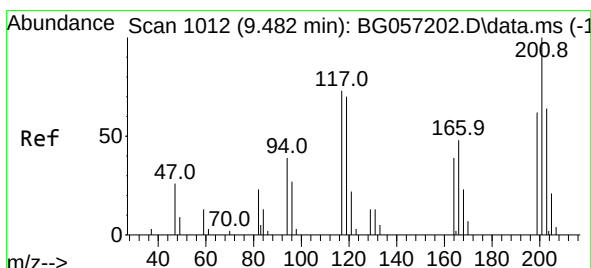
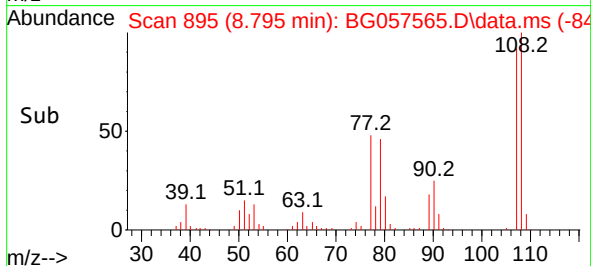
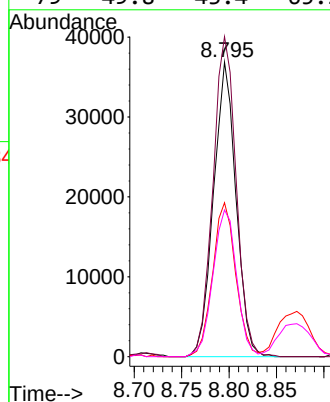
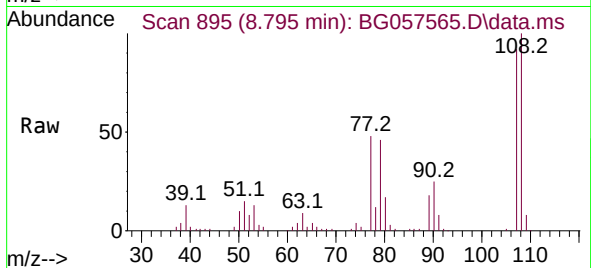
79 49.8 43.4 65.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023



#18

Hexachloroethane

Concen: 52.630 ng

RT: 9.447 min Scan# 1006

Delta R.T. -0.003 min

Lab File: BG057565.D

Acq: 25 May 2023 19:54

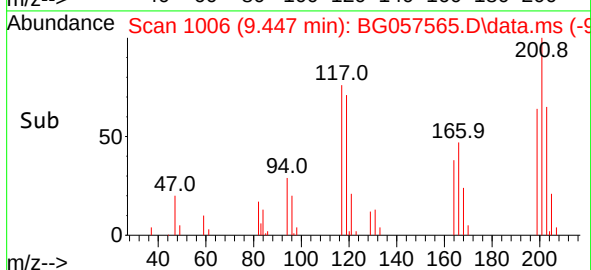
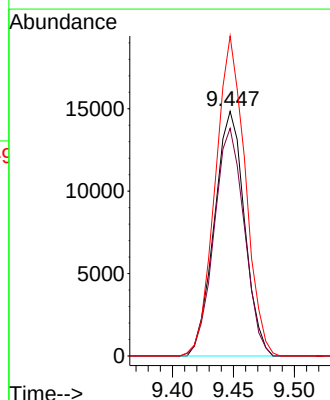
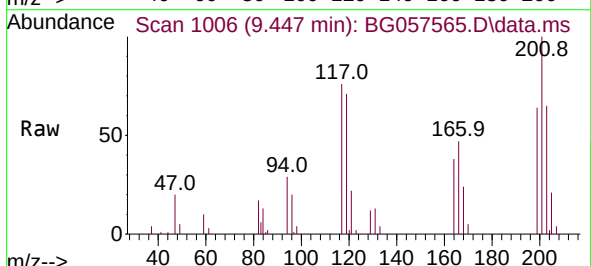
Tgt Ion:117 Resp: 25540

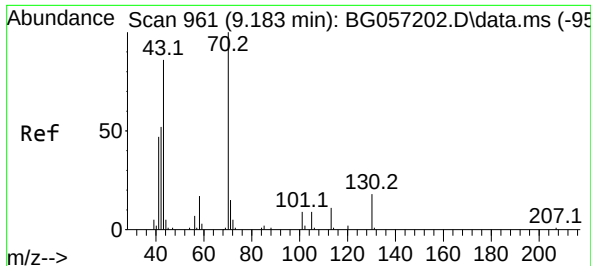
Ion Ratio Lower Upper

117 100

119 93.1 76.7 115.1

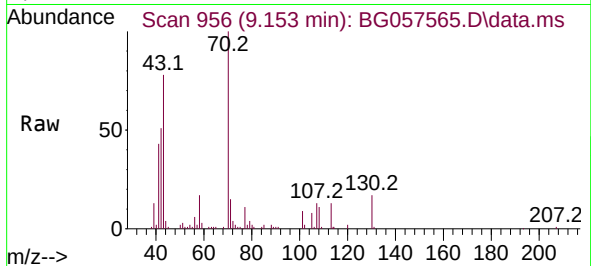
201 130.8 109.0 163.4





#19
n-Nitroso-di-n-propylamine
Concen: 41.677 ng
RT: 9.153 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

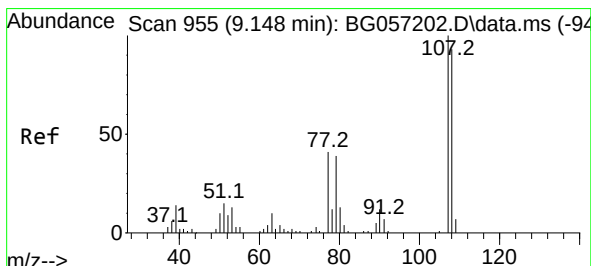
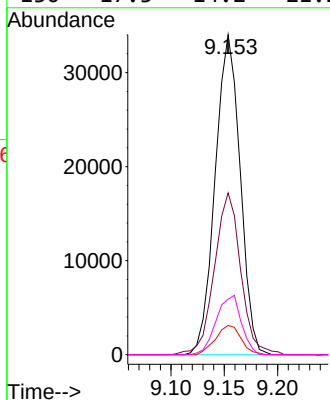
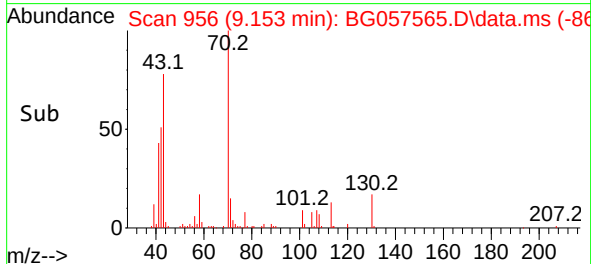
Instrument :
BNA_G
ClientSampleId :
SB10BMSD



Tgt Ion: 70 Resp: 5539
Ion Ratio Lower Upper
70 100
42 50.5 41.8 62.8
101 9.1 6.8 10.2
130 17.3 14.2 21.2

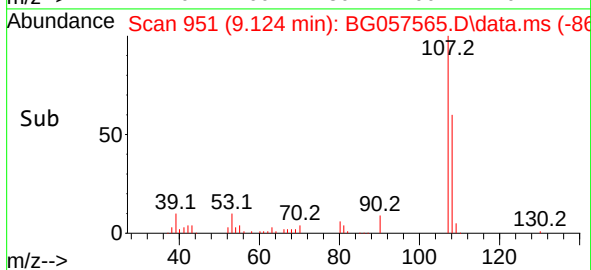
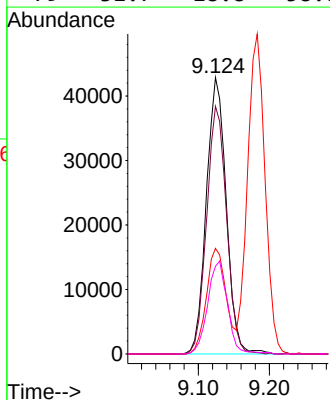
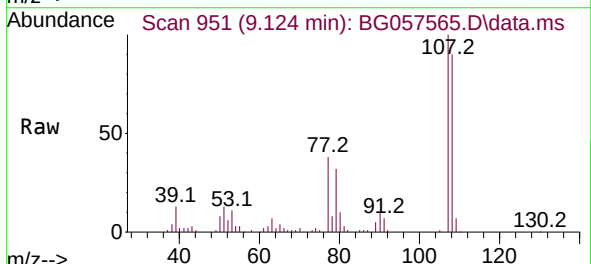
Manual Integrations
APPROVED

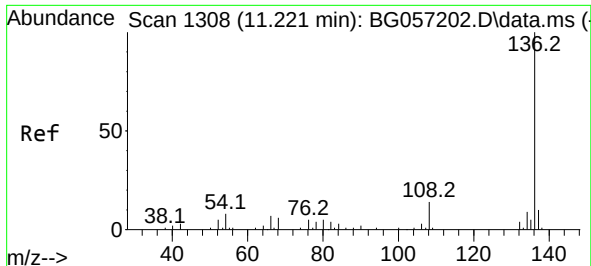
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#20
3+4-Methylphenols
Concen: 49.639 ng
RT: 9.124 min Scan# 951
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Tgt Ion:107 Resp: 83256
Ion Ratio Lower Upper
107 100
108 89.5 73.5 113.5
77 38.2 21.1 61.1
79 31.7 18.8 58.8





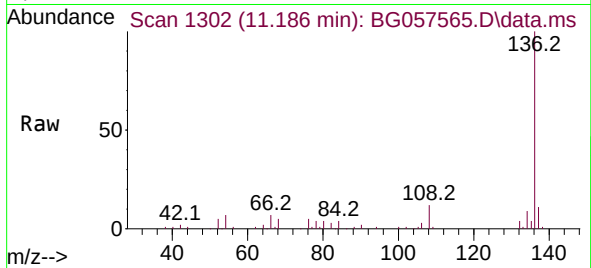
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.186 min Scan# 1111
Delta R.T. -0.008 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Instrument :

BNA_G

ClientSampleId :

SB10BMSD

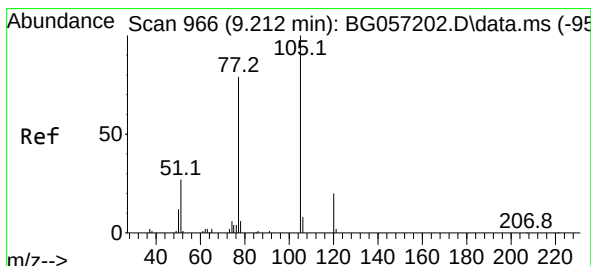
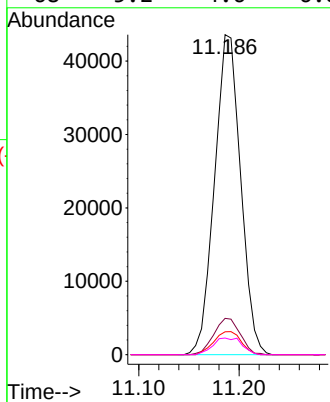
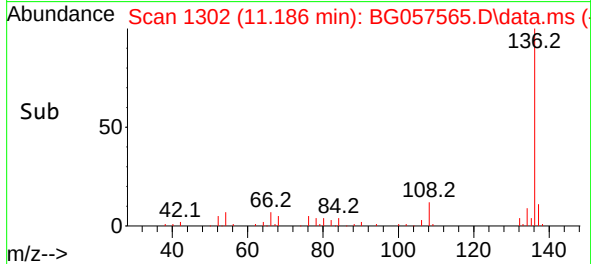


Tgt Ion:136 Resp: 78739
Ion Ratio Lower Upper
136 100
137 11.4 8.3 12.5
54 7.2 6.7 10.1
68 5.2 4.6 6.8

Manual Integrations

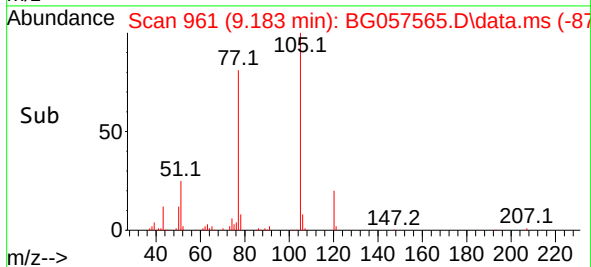
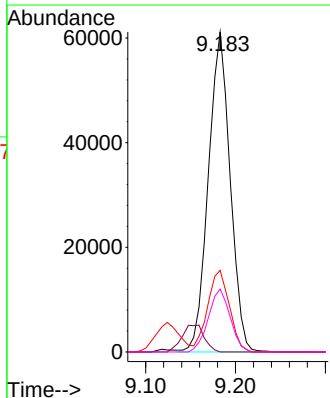
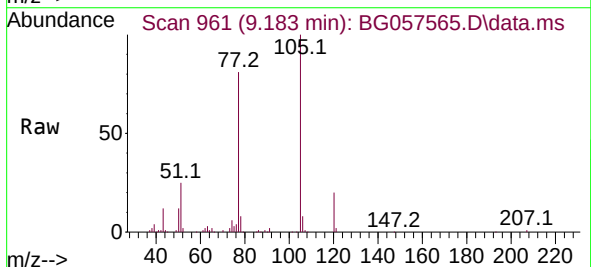
APPROVED

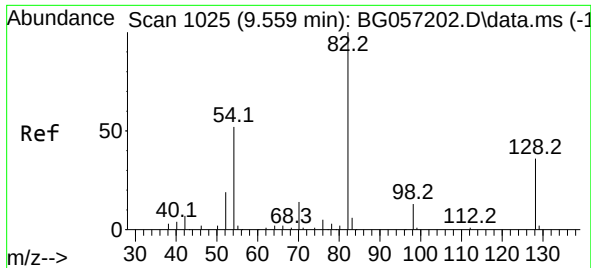
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#22
Acetophenone
Concen: 45.769 ng
RT: 9.183 min Scan# 961
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Tgt Ion:105 Resp: 103145
Ion Ratio Lower Upper
105 100
71 0.0 0.4 0.6#
51 25.5 24.0 36.0
120 19.7 15.8 23.8





#23
Nitrobenzene-d5
Concen: 60.755 ng
RT: 9.535 min Scan# 1021
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Instrument :

BNA_G

ClientSampleId :

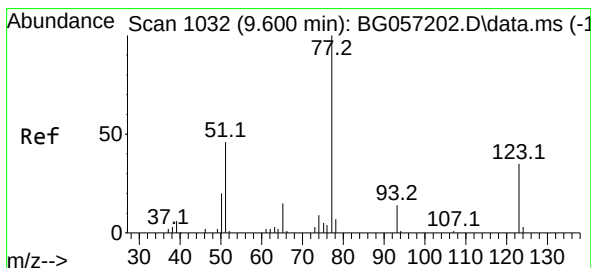
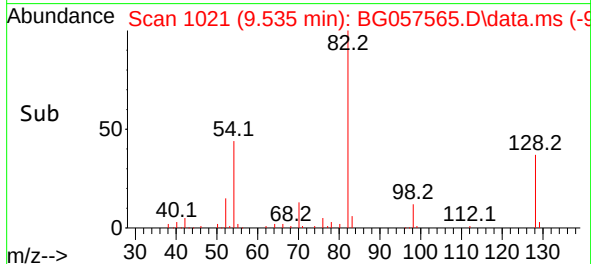
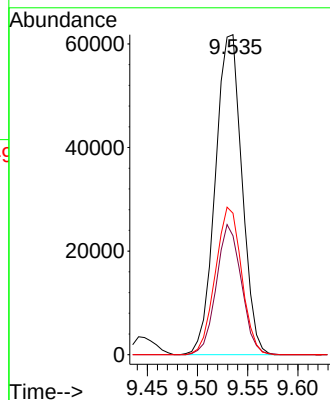
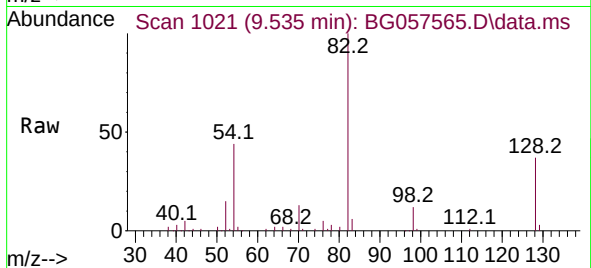
SB10BMSD

Tgt Ion: 82 Resp: 113979
Ion Ratio Lower Upper
82 100
128 37.1 29.0 43.4
54 44.2 41.4 62.0

Manual Integrations

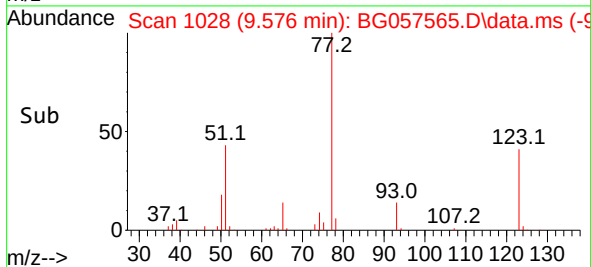
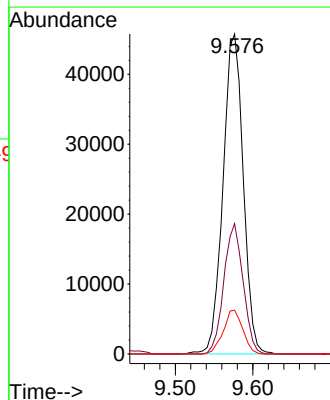
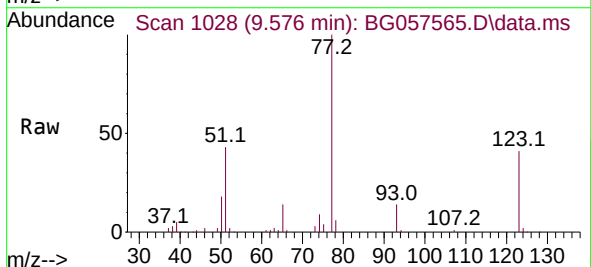
APPROVED

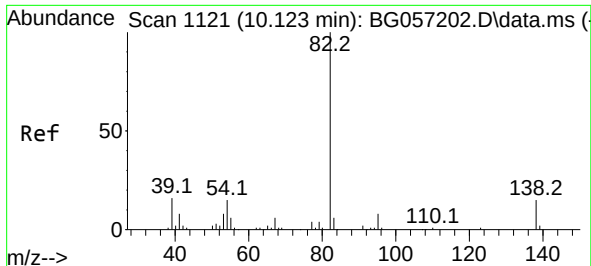
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#24
Nitrobenzene
Concen: 43.911 ng
RT: 9.576 min Scan# 1028
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Tgt Ion: 77 Resp: 83146
Ion Ratio Lower Upper
77 100
123 40.7 28.2 42.2
65 13.7 11.7 17.5





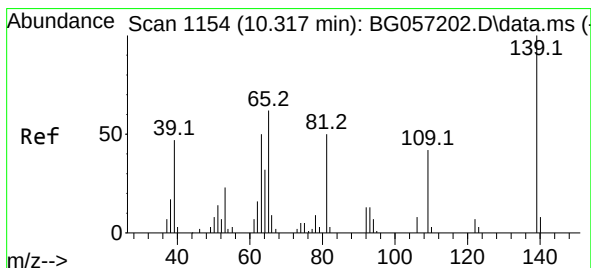
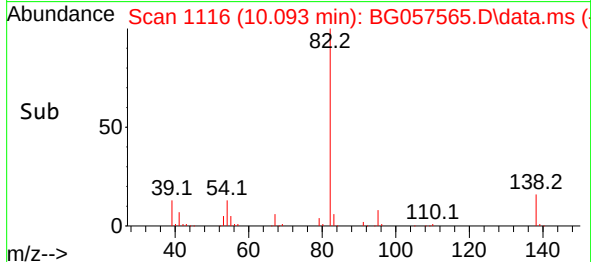
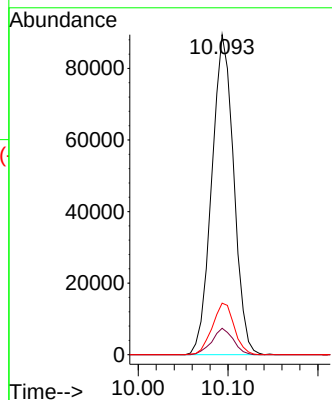
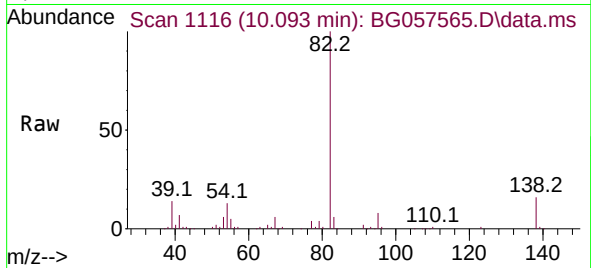
#25
Isophorone
Concen: 41.765 ng
RT: 10.093 min Scan# 1116
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Instrument :
BNA_G
ClientSampleId :
SB10BMSD

Tgt Ion: 82 Resp: 15193
Ion Ratio Lower Upper
82 100
95 8.3 6.4 9.6
138 16.1 12.3 18.5

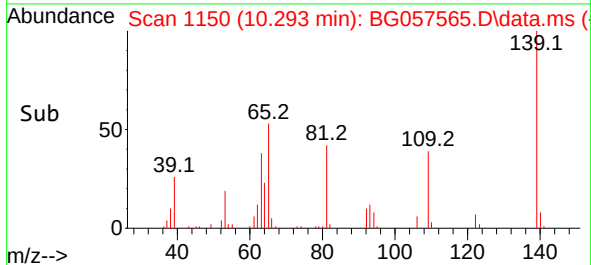
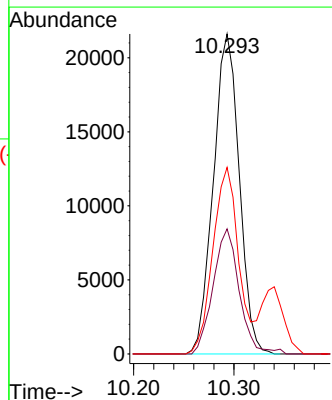
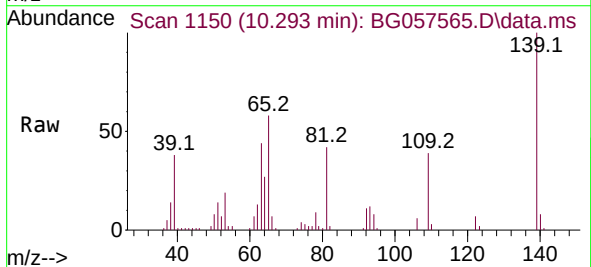
Manual Integrations
APPROVED

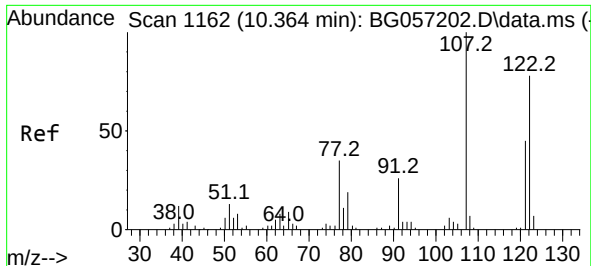
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#26
2-Nitrophenol
Concen: 53.327 ng
RT: 10.293 min Scan# 1150
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Tgt Ion:139 Resp: 38651
Ion Ratio Lower Upper
139 100
109 39.1 33.4 50.2
65 58.3 49.8 74.6





#27

2,4-Dimethylphenol

Concen: 53.667 ng

RT: 10.340 min Scan# 1158

Delta R.T. -0.003 min

Lab File: BG057565.D

Acq: 25 May 2023 19:54

Instrument :

BNA_G

ClientSampleId :

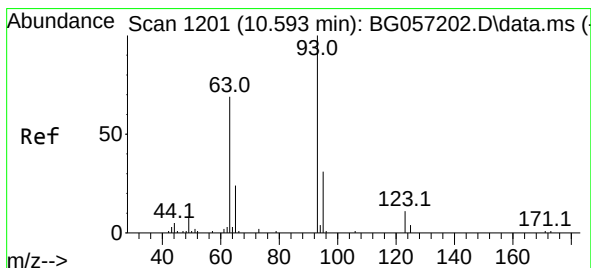
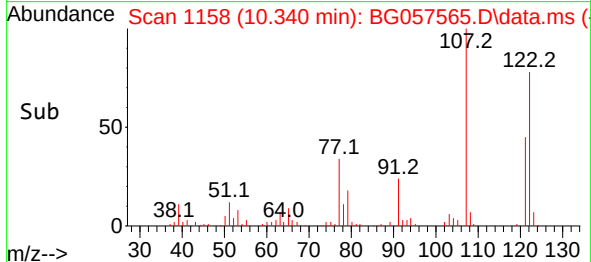
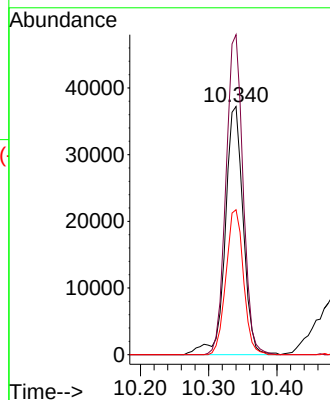
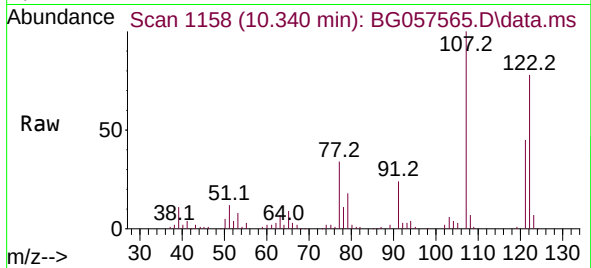
SB10BMSD

Tgt Ion:122 Resp: 6811
 Ion Ratio Lower Upper
 122 100
 107 129.0 103.0 154.4
 121 58.4 45.9 68.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023
 Supervised By :Jagrut Upadhyay 05/26/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.621 ng

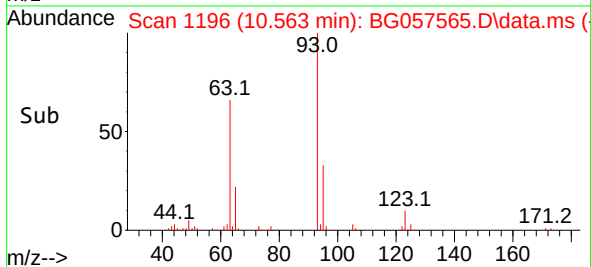
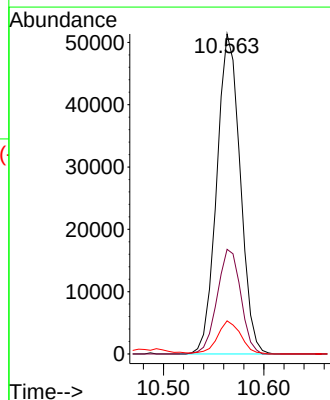
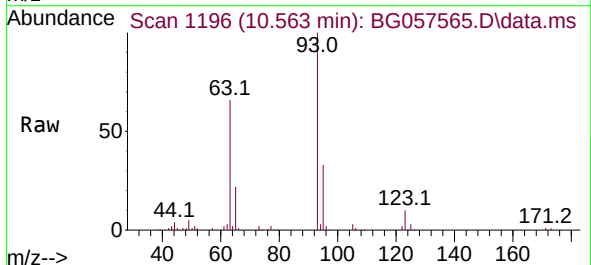
RT: 10.563 min Scan# 1196

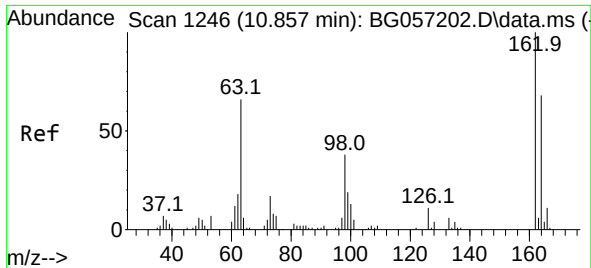
Delta R.T. -0.008 min

Lab File: BG057565.D

Acq: 25 May 2023 19:54

Tgt Ion: 93 Resp: 83143
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.0 37.6
 123 10.3 8.5 12.7





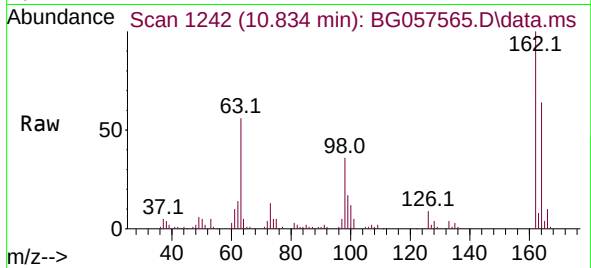
#29
2,4-Dichlorophenol
Concen: 54.556 ng
RT: 10.834 min Scan# 1242
Delta R.T. -0.008 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Instrument :

BNA_G

ClientSampleId :

SB10BMSD

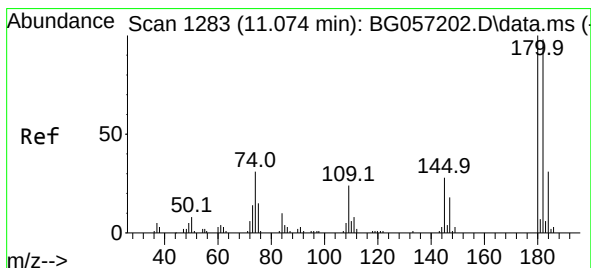
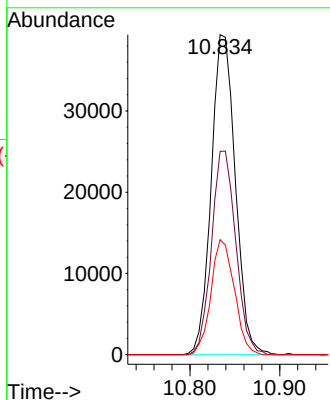
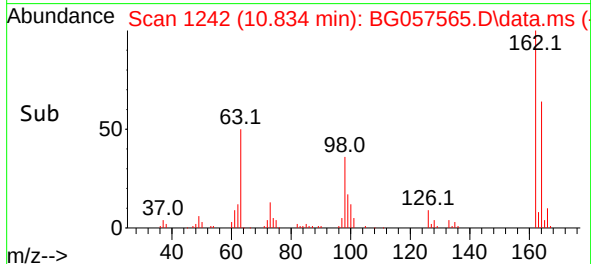


Tgt Ion:162 Resp: 7343
Ion Ratio Lower Upper
162 100
164 63.5 48.4 88.4
98 36.0 17.6 57.6

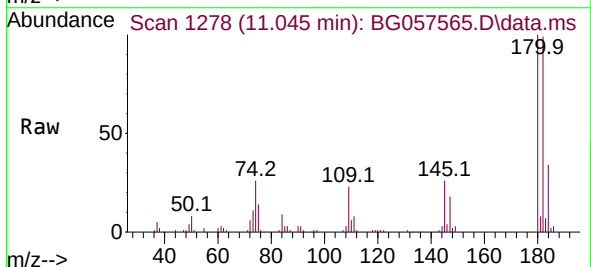
Manual Integrations

APPROVED

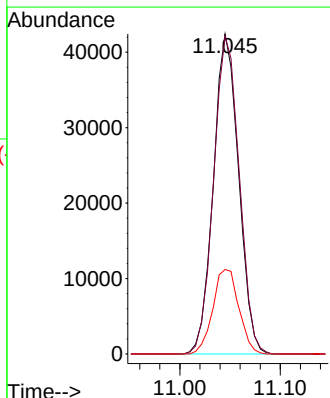
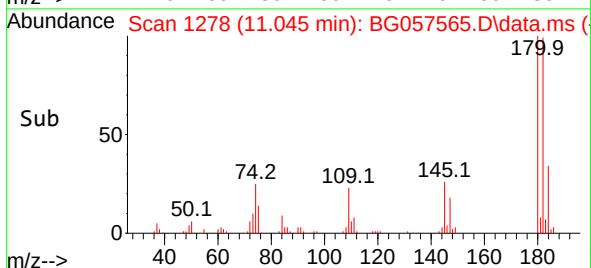
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

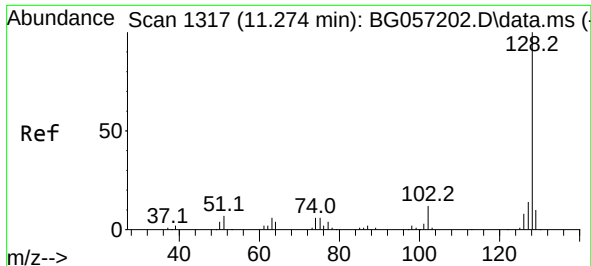


#30
1,2,4-Trichlorobenzene
Concen: 47.685 ng
RT: 11.045 min Scan# 1278
Delta R.T. -0.008 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54



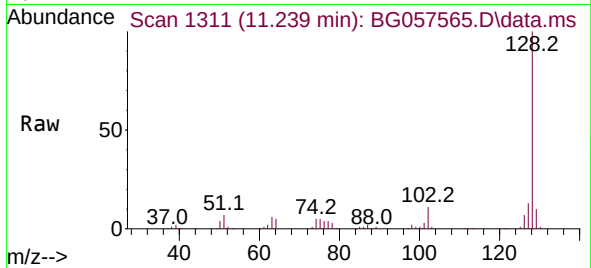
Tgt Ion:180 Resp: 74034
Ion Ratio Lower Upper
180 100
182 99.3 78.0 117.0
145 26.4 22.4 33.6





#31
Naphthalene
Concen: 47.156 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

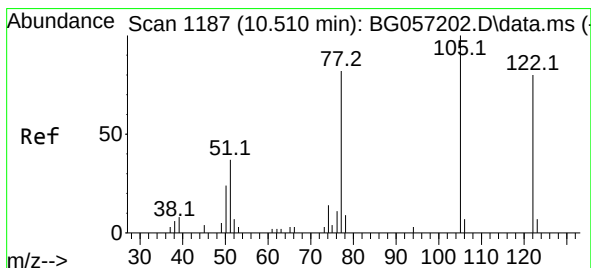
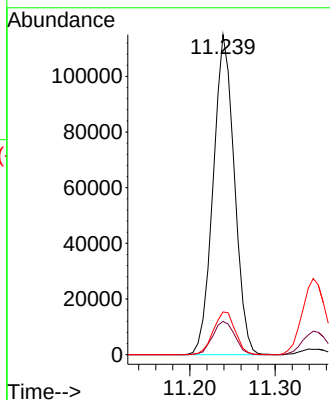
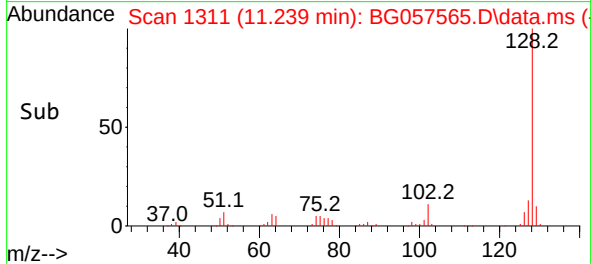
Instrument :
BNA_G
ClientSampleId :
SB10BMSD



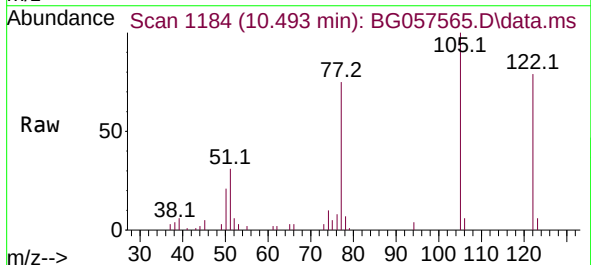
Tgt Ion:128 Resp: 198504
Ion Ratio Lower Upper
128 100
129 10.4 8.3 12.5
127 13.3 11.1 16.7

Manual Integrations
APPROVED

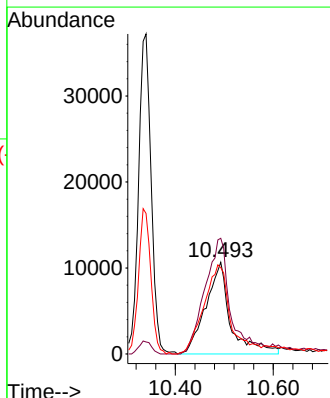
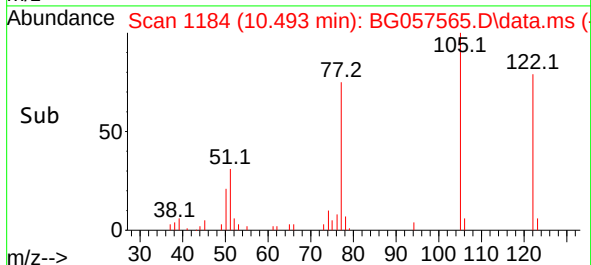
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

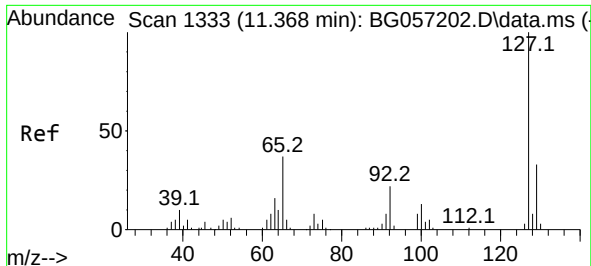


#32
Benzoic acid
Concen: 50.875 ng m
RT: 10.493 min Scan# 1184
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54



Tgt Ion:122 Resp: 37462
Ion Ratio Lower Upper
122 100
105 126.1 105.2 145.2
77 94.2 83.1 123.1





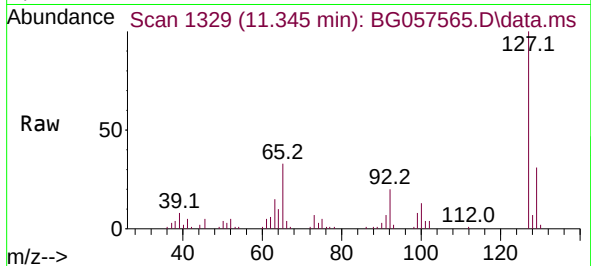
#33
4-Chloroaniline
Concen: 28.468 ng
RT: 11.345 min Scan# 1134
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Instrument :

BNA_G

ClientSampleId :

SB10BMSD

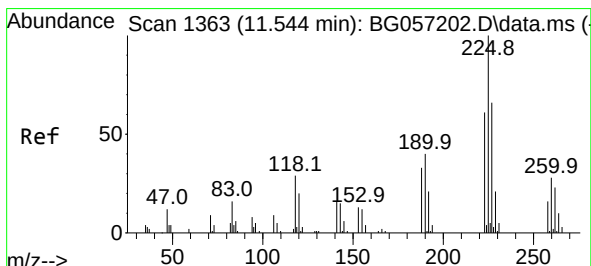
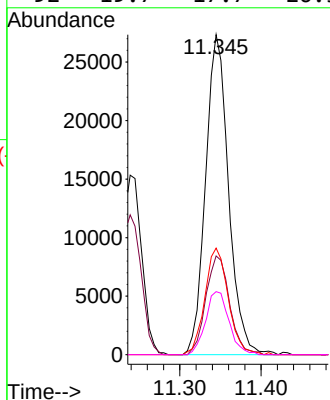
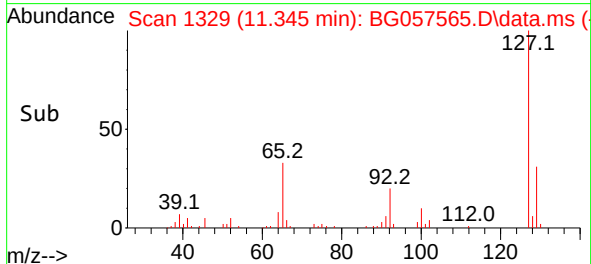


Tgt Ion:127 Resp: 5381
Ion Ratio Lower Upper
127 100
129 30.9 26.7 40.1
65 33.3 29.7 44.5
92 19.7 17.7 26.5

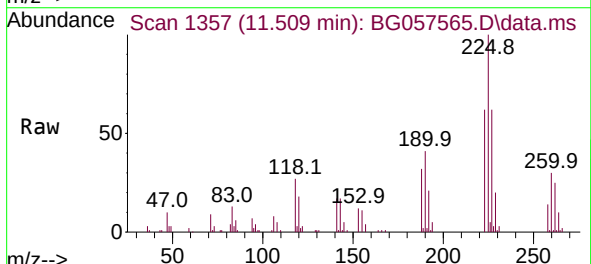
Manual Integrations

APPROVED

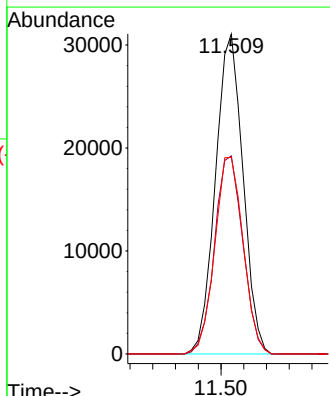
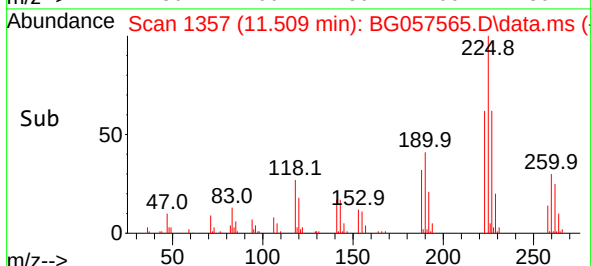
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

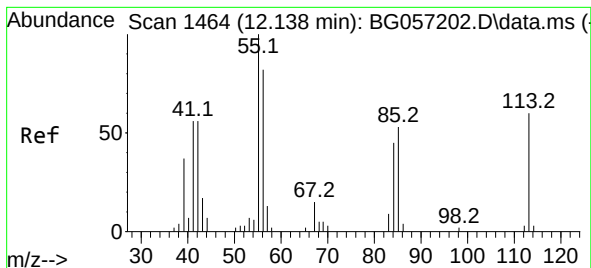


#34
Hexachlorobutadiene
Concen: 45.276 ng
RT: 11.509 min Scan# 1357
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54



Tgt Ion:225 Resp: 52160
Ion Ratio Lower Upper
225 100
223 61.9 48.6 72.8
227 61.5 52.7 79.1





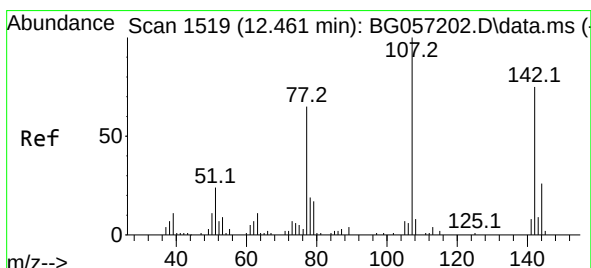
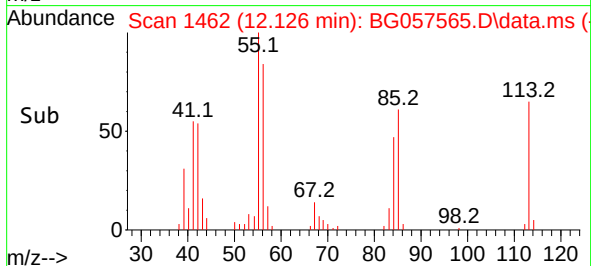
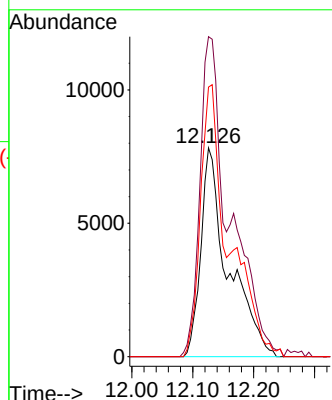
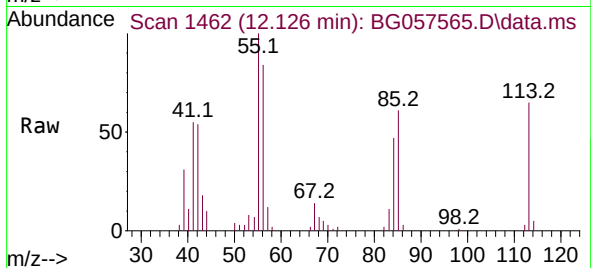
#35
Caprolactam
Concen: 53.209 ng
RT: 12.126 min Scan# 1464
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Instrument :
BNA_G
ClientSampleId :
SB10BMSD

Tgt Ion:113 Resp: 2446
Ion Ratio Lower Upper
113 100
55 153.2 145.5 185.5
56 129.1 115.9 155.9

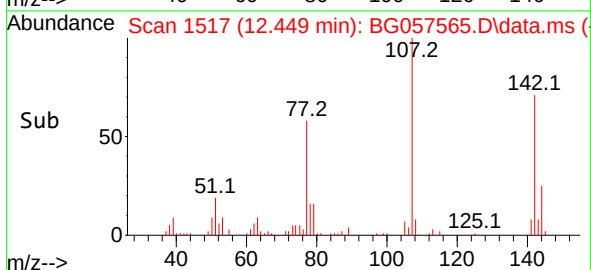
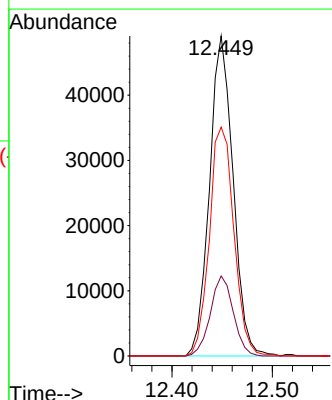
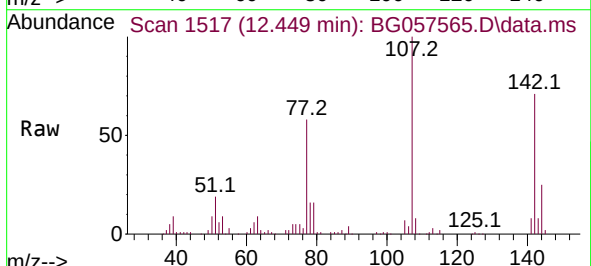
Manual Integrations
APPROVED

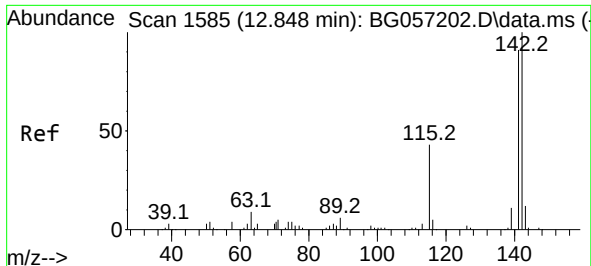
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#36
4-Chloro-3-methylphenol
Concen: 52.390 ng
RT: 12.449 min Scan# 1517
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Tgt Ion:107 Resp: 80142
Ion Ratio Lower Upper
107 100
144 25.0 21.0 31.6
142 71.5 60.0 90.0





#37
2-Methylnaphthalene
Concen: 45.227 ng
RT: 12.819 min Scan# 1580
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Instrument :

BNA_G

ClientSampleId :

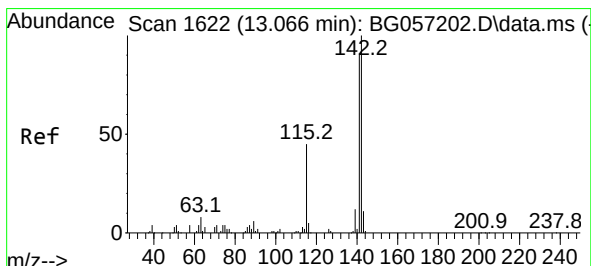
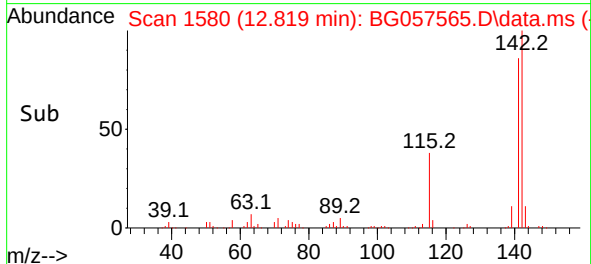
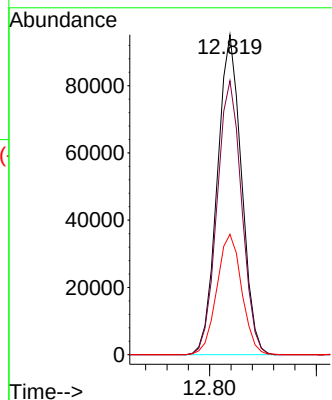
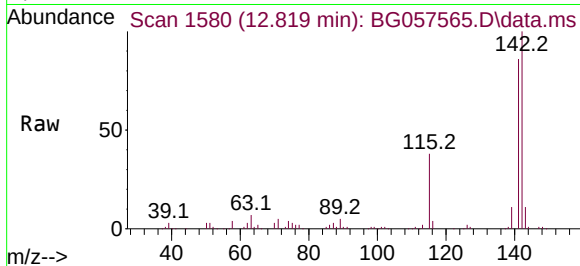
SB10BMSD

Tgt Ion:142 Resp: 149688
Ion Ratio Lower Upper
142 100
141 85.6 73.1 109.7
115 37.6 34.6 52.0

Manual Integrations

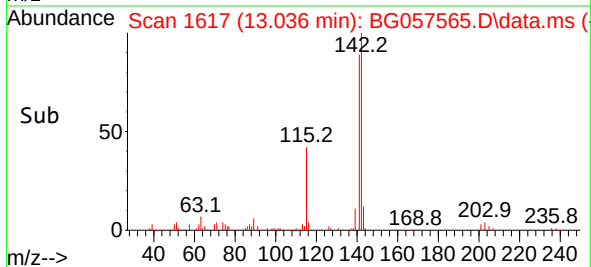
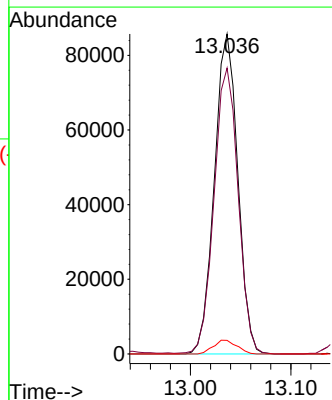
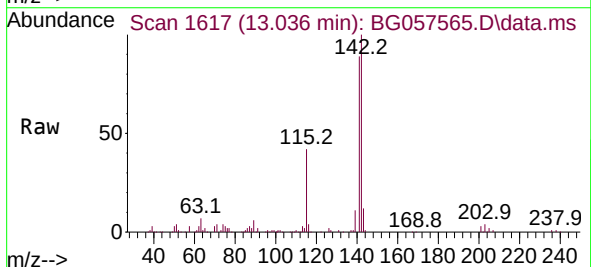
APPROVED

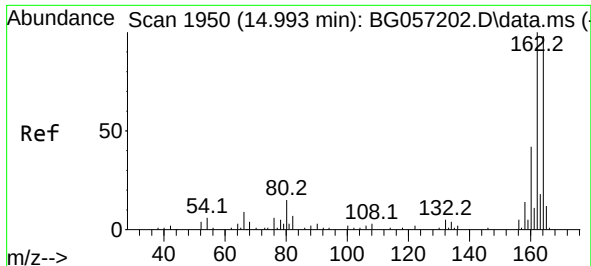
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#38
1-Methylnaphthalene
Concen: 44.518 ng
RT: 13.036 min Scan# 1617
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Tgt Ion:142 Resp: 138875
Ion Ratio Lower Upper
142 100
141 89.4 72.5 108.7
116 4.3 3.7 5.5





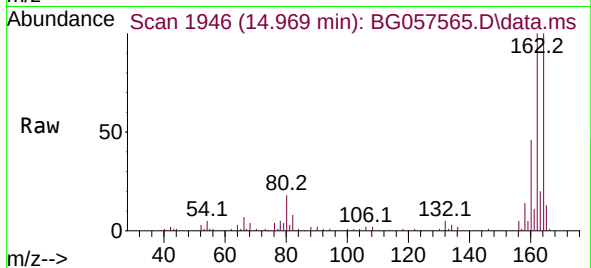
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.969 min Scan# 1950
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Instrument :

BNA_G

ClientSampleId :

SB10BMSD

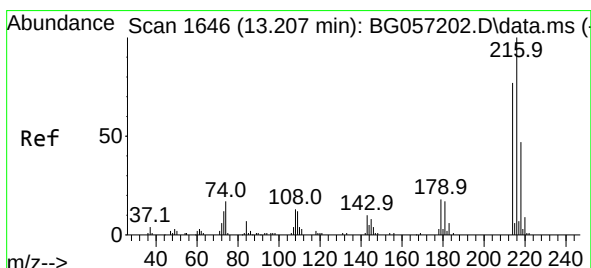
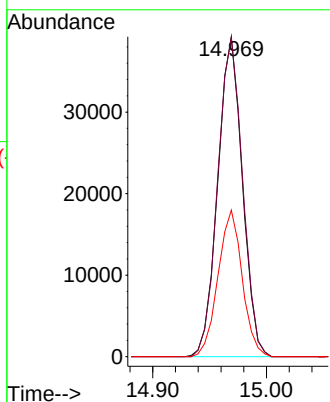
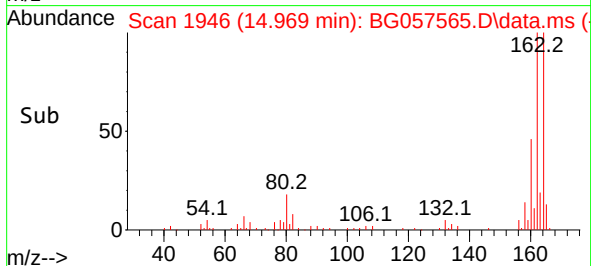


Tgt Ion:164 Resp: 58848
Ion Ratio Lower Upper
164 100
162 100.2 81.8 122.6
160 45.9 34.6 52.0

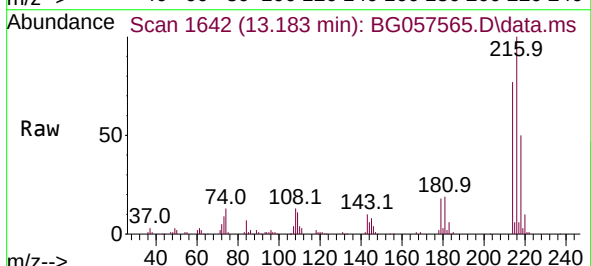
Manual Integrations

APPROVED

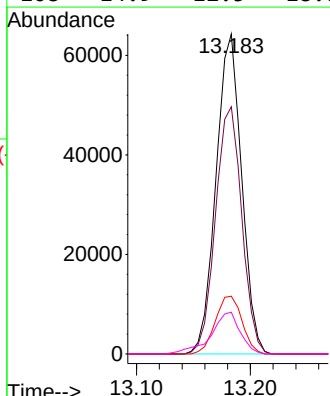
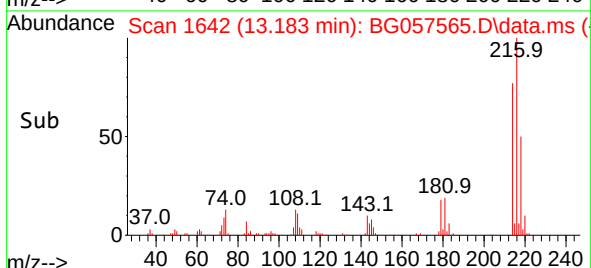
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

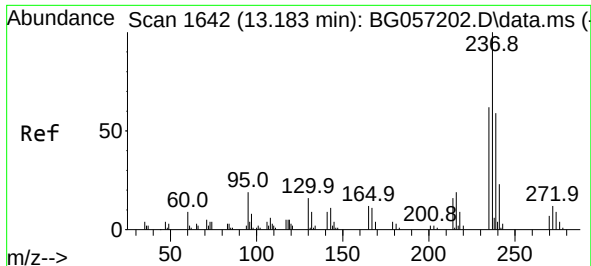


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.173 ng
RT: 13.183 min Scan# 1642
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54



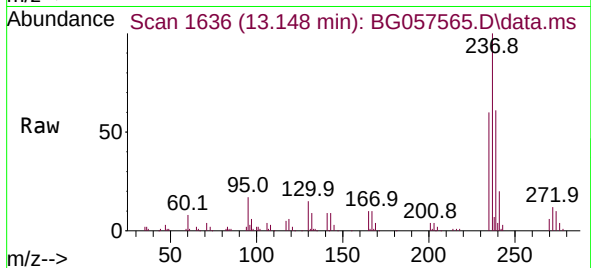
Tgt Ion:216 Resp: 100641
Ion Ratio Lower Upper
216 100
214 79.3 63.7 95.5
179 18.9 14.6 22.0
108 14.9 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 70.831 ng
RT: 13.148 min Scan# 110
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

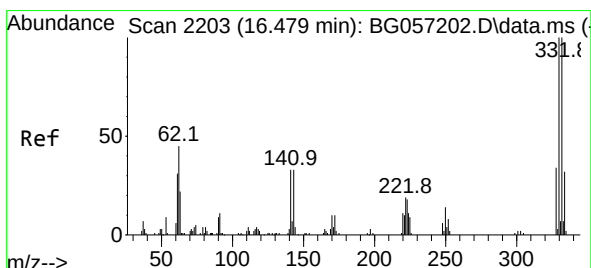
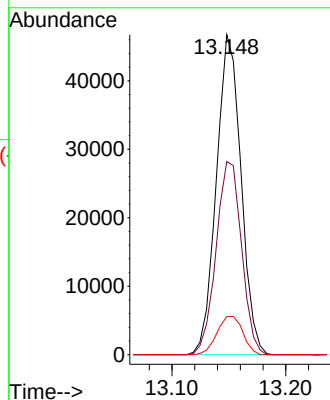
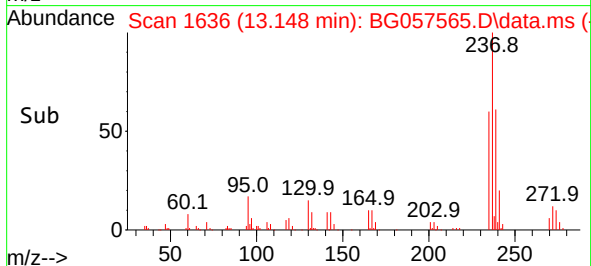
Instrument :
BNA_G
ClientSampleId :
SB10BMSD



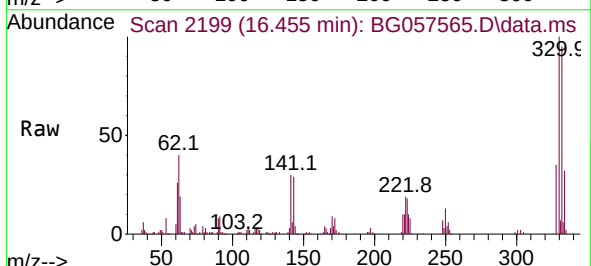
Tgt Ion:237 Resp: 7034
Ion Ratio Lower Upper
237 100
235 60.3 42.0 82.0
272 11.9 0.0 31.5

Manual Integrations
APPROVED

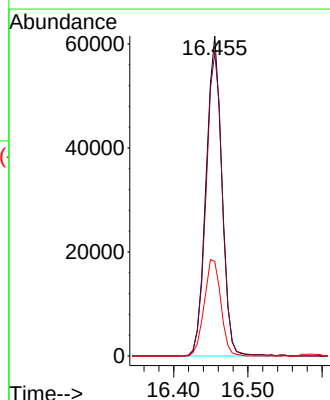
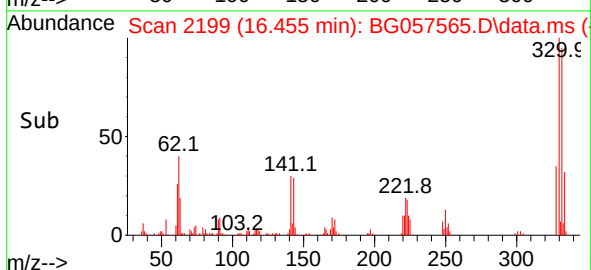
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

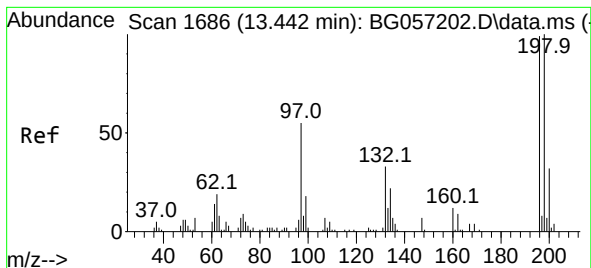


#42
2,4,6-Tribromophenol
Concen: 108.886 ng
RT: 16.455 min Scan# 2199
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54



Tgt Ion:330 Resp: 90919
Ion Ratio Lower Upper
330 100
332 97.2 78.2 117.2
141 31.6 27.8 41.8





#43

2,4,6-Trichlorophenol

Concen: 53.819 ng

RT: 13.418 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG057565.D

Acq: 25 May 2023 19:54

Instrument :

BNA_G

ClientSampleId :

SB10BMSD

Tgt Ion:196 Resp: 68500

Ion Ratio Lower Upper

196 100

198 98.0 81.2 121.8

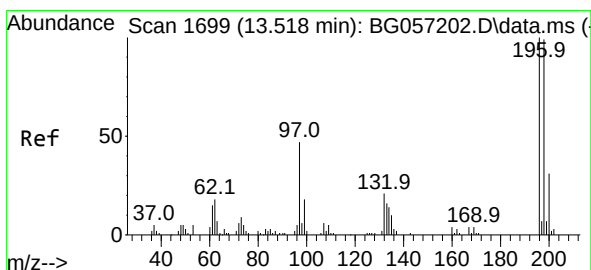
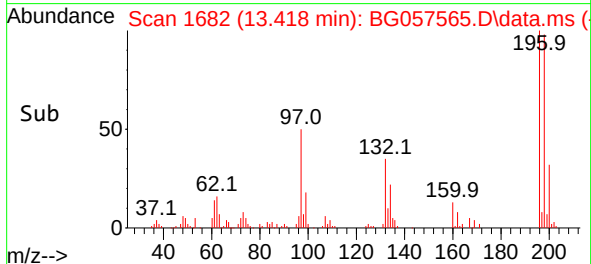
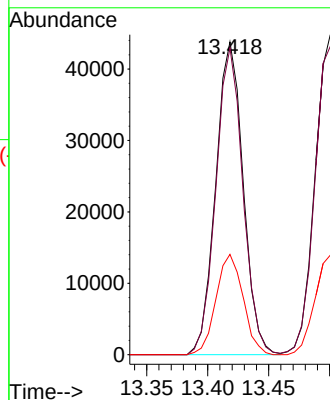
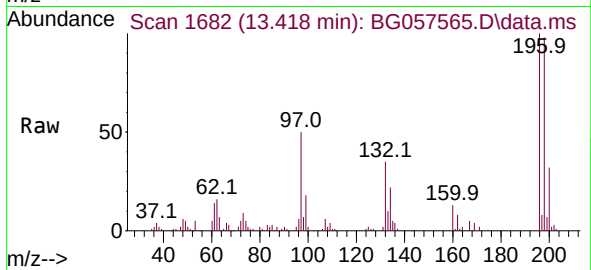
200 32.1 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023



#44

2,4,5-Trichlorophenol

Concen: 49.923 ng

RT: 13.501 min Scan# 1696

Delta R.T. -0.003 min

Lab File: BG057565.D

Acq: 25 May 2023 19:54

Tgt Ion:196 Resp: 74743

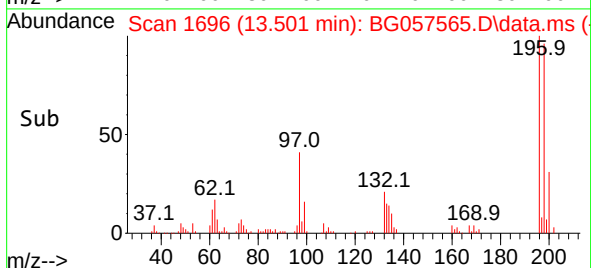
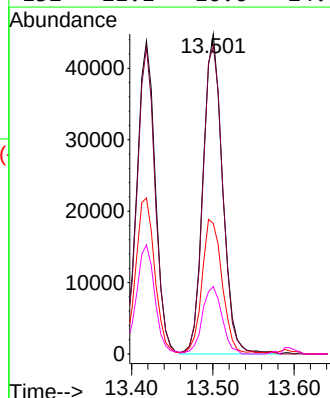
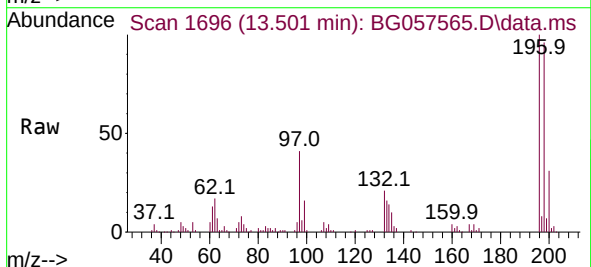
Ion Ratio Lower Upper

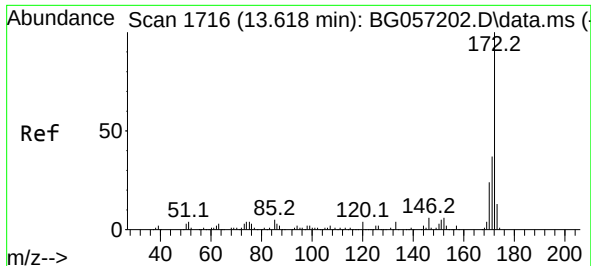
196 100

198 96.4 79.4 119.2

97 40.8 37.0 55.4

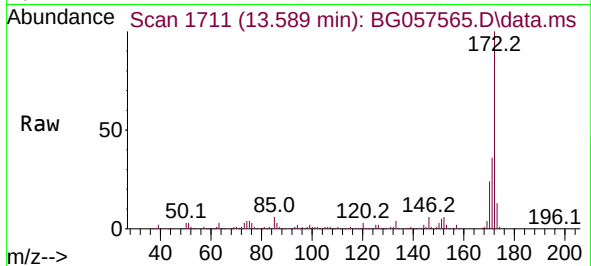
132 21.1 16.6 24.8





#45
2-Fluorobiphenyl
Concen: 62.939 ng
RT: 13.589 min Scan# 1711
Delta R.T. -0.008 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

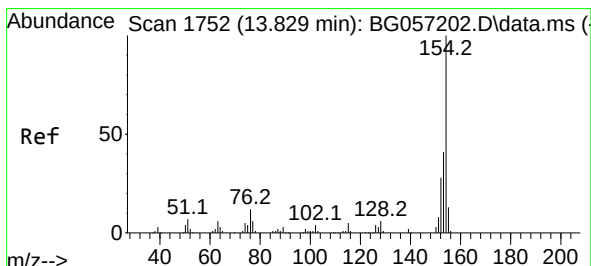
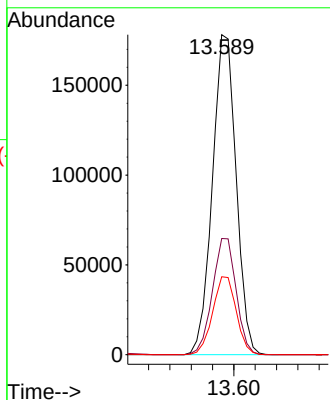
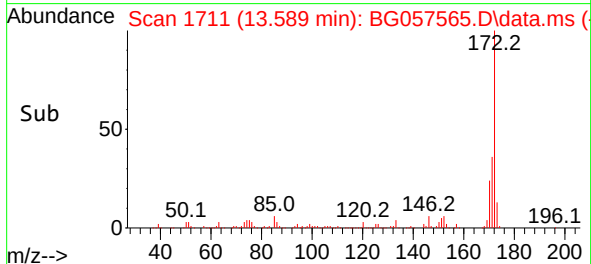
Instrument :
BNA_G
ClientSampleId :
SB10BMSD



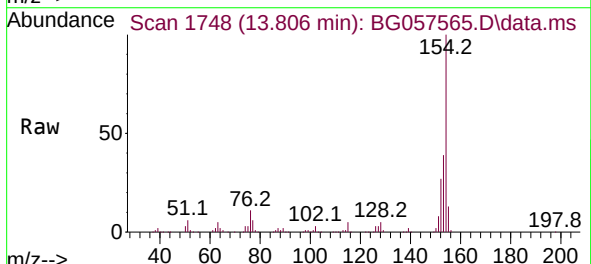
Tgt Ion:172 Resp: 275009
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.3 19.0 28.6

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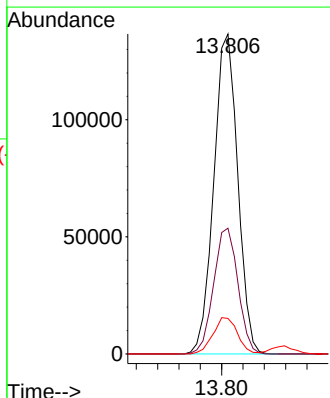
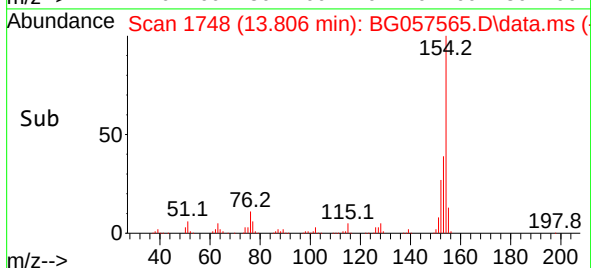
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

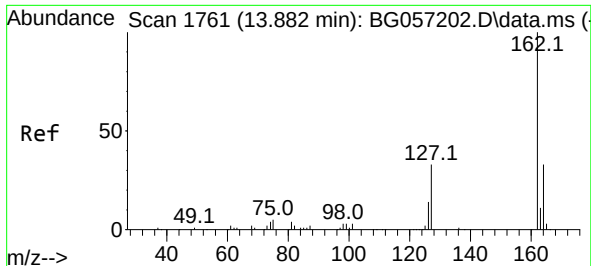


#46
1,1'-Biphenyl
Concen: 48.673 ng
RT: 13.806 min Scan# 1748
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54



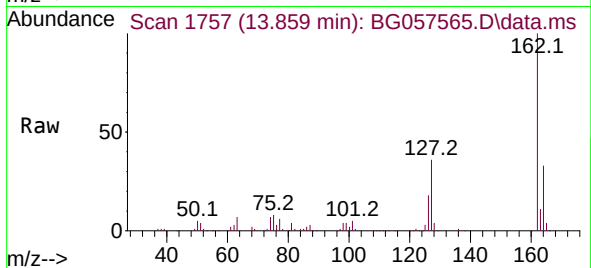
Tgt Ion:154 Resp: 212542
Ion Ratio Lower Upper
154 100
153 39.3 20.9 60.9
76 11.1 0.0 31.7





#47
2-Chloronaphthalene
Concen: 49.690 ng
RT: 13.859 min Scan# 1757
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

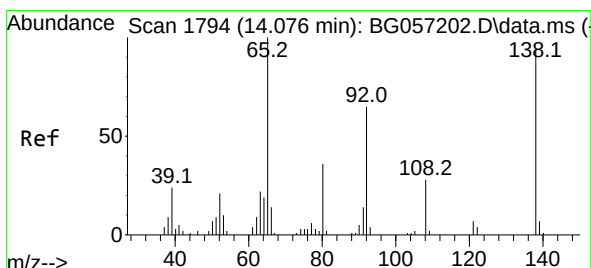
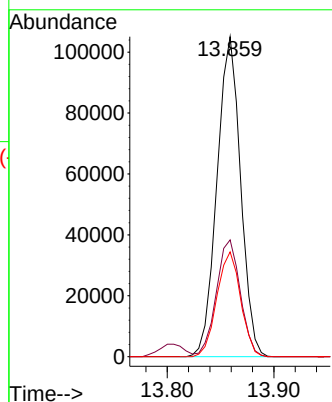
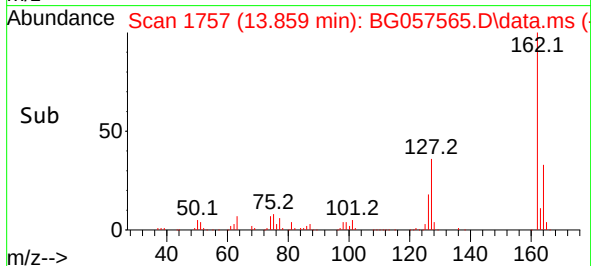
Instrument :
BNA_G
ClientSampleId :
SB10BMSD



Tgt Ion:162 Resp: 16135
Ion Ratio Lower Upper
162 100
127 36.5 29.8 44.6
164 32.7 26.6 40.0

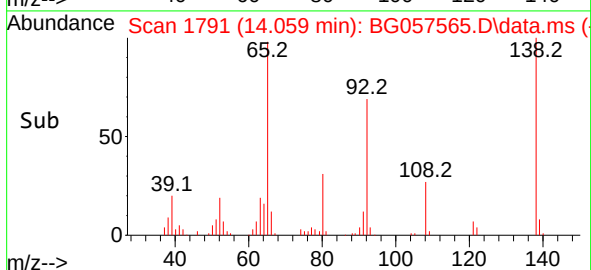
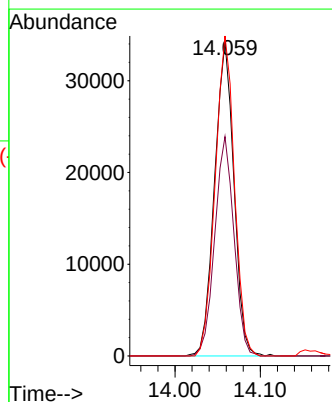
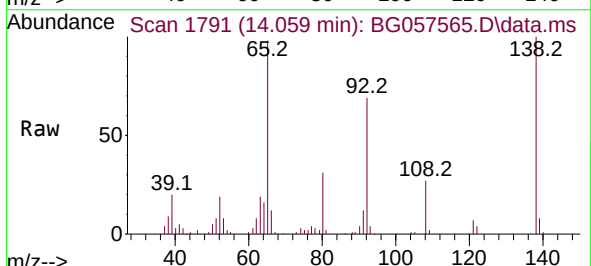
Manual Integrations
APPROVED

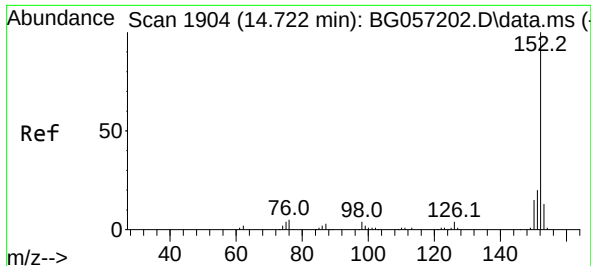
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#48
2-Nitroaniline
Concen: 48.712 ng
RT: 14.059 min Scan# 1791
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

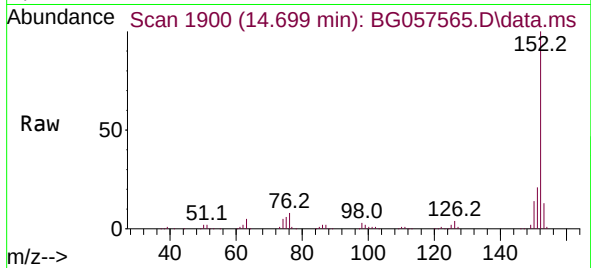
Tgt Ion: 65 Resp: 53783
Ion Ratio Lower Upper
65 100
92 69.7 52.1 78.1
138 101.7 75.3 112.9





#49
Acenaphthylene
Concen: 48.745 ng
RT: 14.699 min Scan# 1900
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

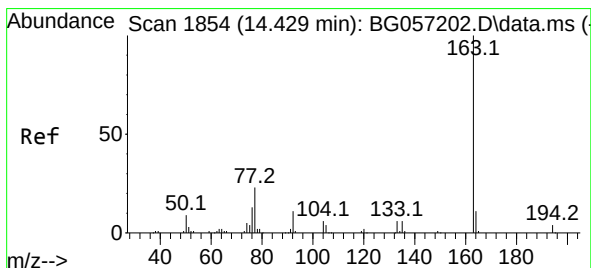
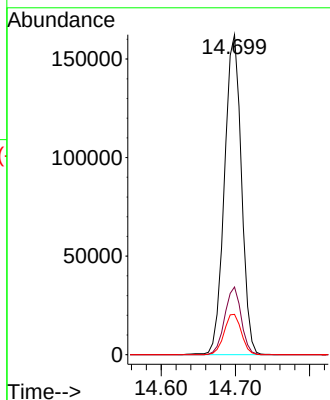
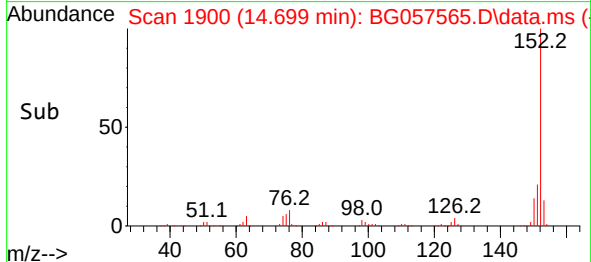
Instrument :
BNA_G
ClientSampleId :
SB10BMSD



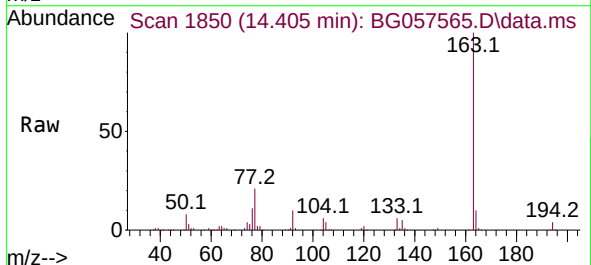
Tgt Ion:152 Resp: 257150
Ion Ratio Lower Upper
152 100
151 21.1 16.0 24.0
153 12.6 10.7 16.1

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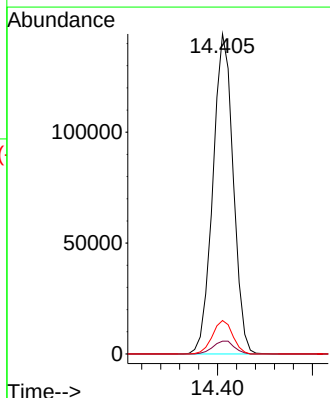
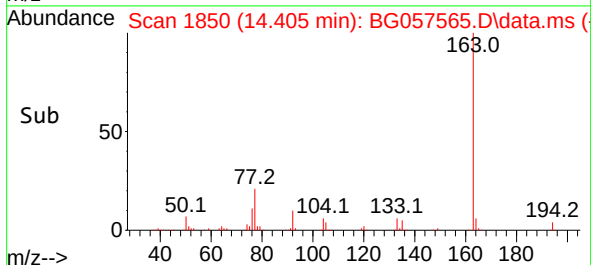
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

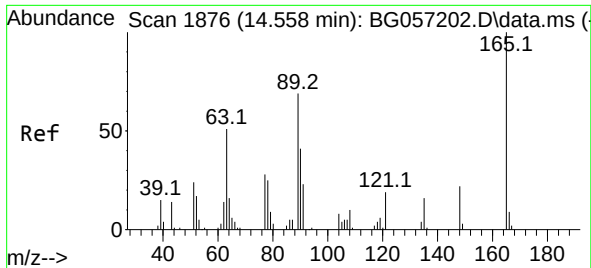


#50
Dimethylphthalate
Concen: 44.439 ng
RT: 14.405 min Scan# 1850
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54



Tgt Ion:163 Resp: 214899
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.5 8.8 13.2





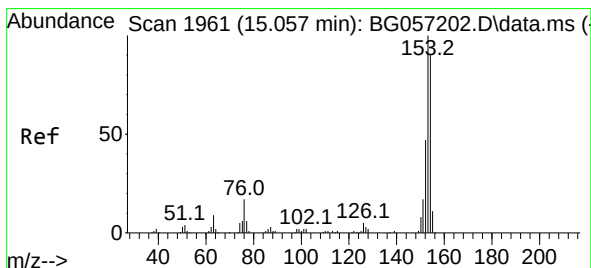
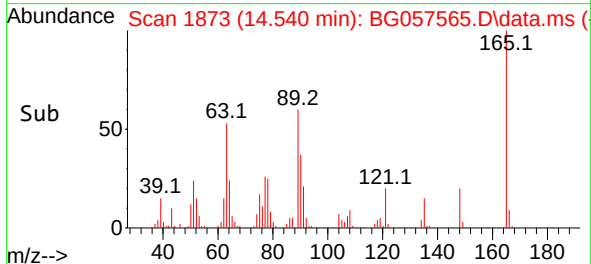
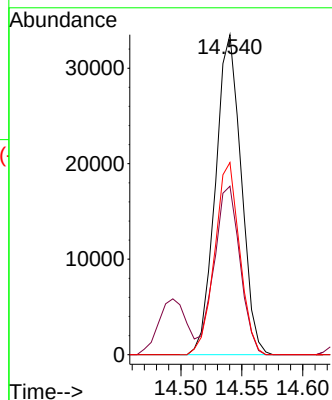
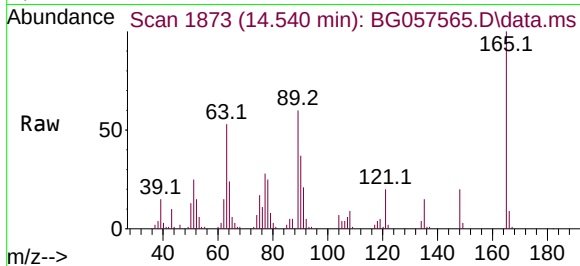
#51
2,6-Dinitrotoluene
Concen: 49.810 ng
RT: 14.540 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Instrument :
BNA_G
ClientSampleId :
SB10BMSD

Tgt Ion:165 Resp: 49180
Ion Ratio Lower Upper
165 100
63 52.7 50.9 76.3
89 60.1 55.2 82.8

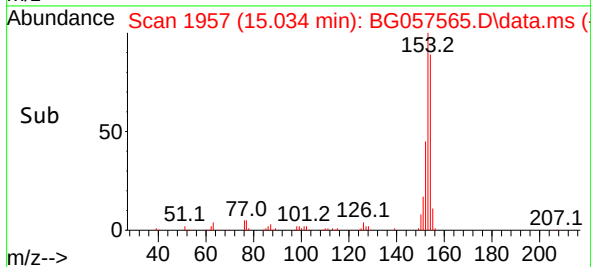
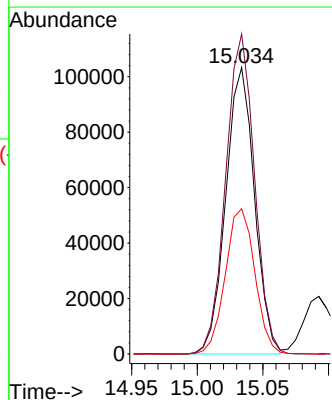
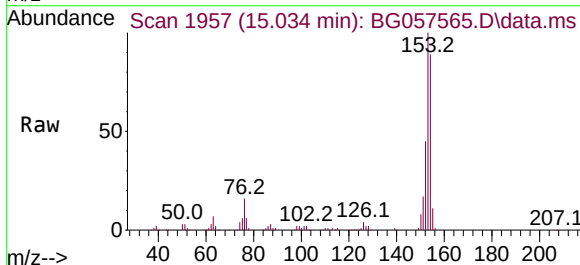
Manual Integrations
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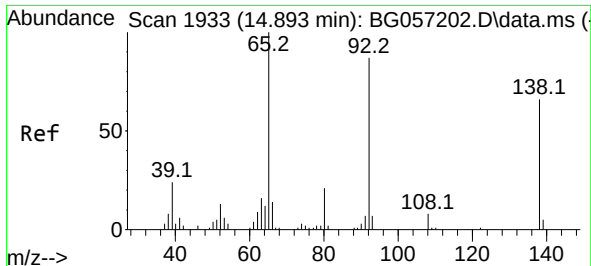
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#52
Acenaphthene
Concen: 47.750 ng
RT: 15.034 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

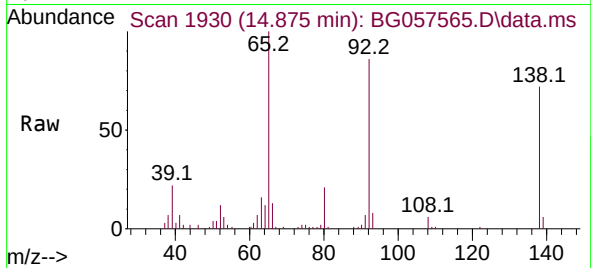
Tgt Ion:154 Resp: 157408
Ion Ratio Lower Upper
154 100
153 111.7 89.3 133.9
152 50.7 41.7 62.5





#53
3-Nitroaniline
Concen: 31.267 ng
RT: 14.875 min Scan# 1930
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

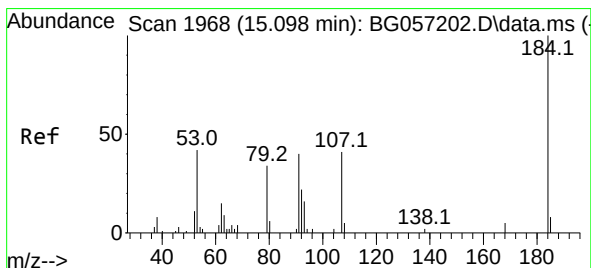
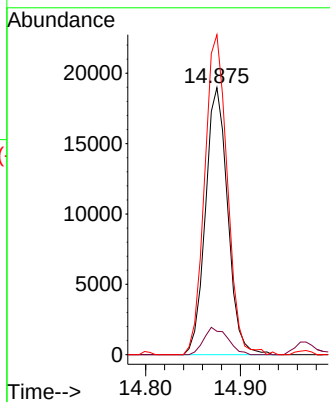
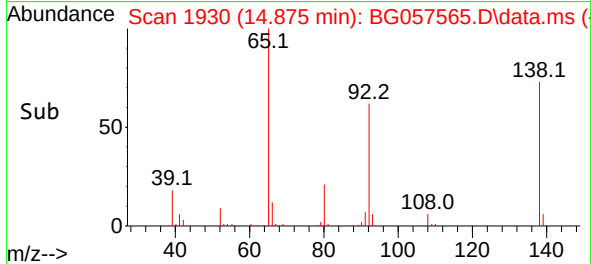
Instrument :
BNA_G
ClientSampleId :
SB10BMSD



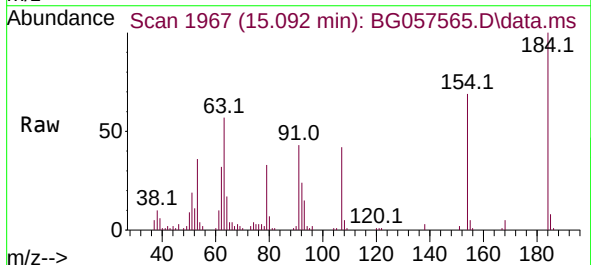
Tgt Ion:138 Resp: 30928
Ion Ratio Lower Upper
138 100
108 8.7 9.5 14.3
92 119.9 106.2 159.4

Manual Integrations
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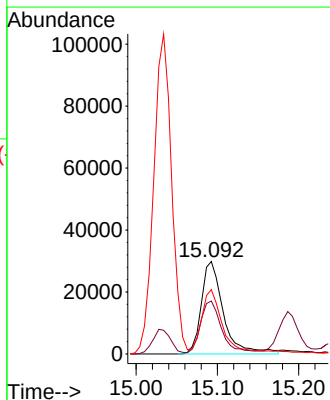
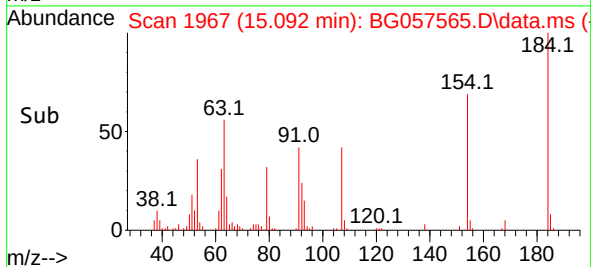
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

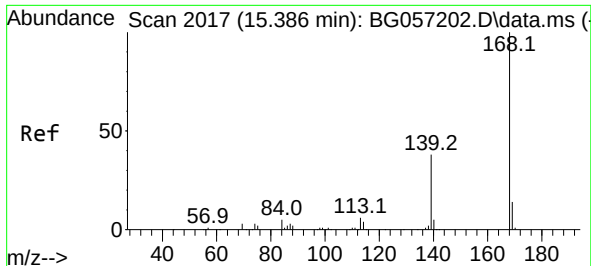


#54
2,4-Dinitrophenol
Concen: 91.267 ng
RT: 15.092 min Scan# 1967
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54



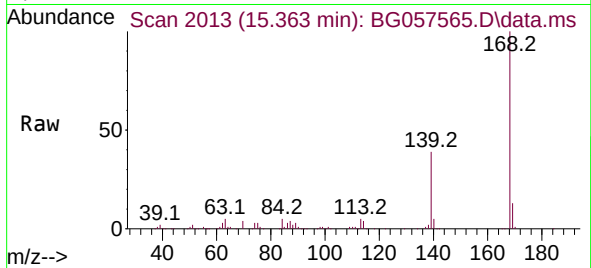
Tgt Ion:184 Resp: 56257
Ion Ratio Lower Upper
184 100
63 57.2 48.2 72.4
154 69.5 55.4 83.2





#55
Dibenzenofuran
Concen: 47.489 ng
RT: 15.363 min Scan# 2017
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

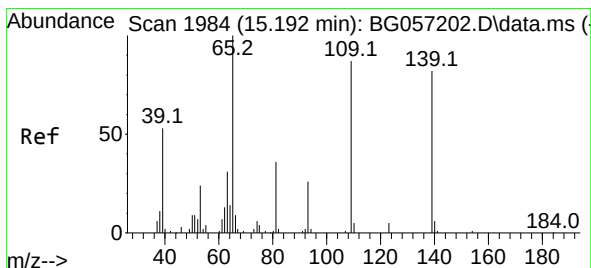
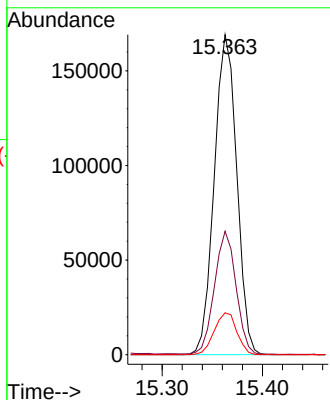
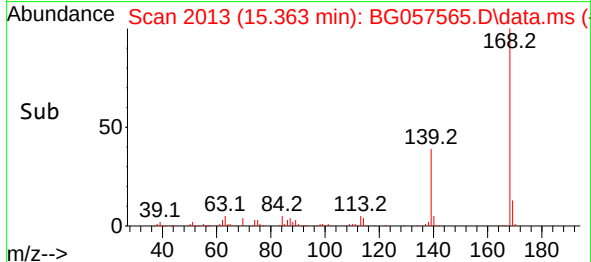
Instrument :
BNA_G
ClientSampleId :
SB10BMSD



Tgt Ion:168 Resp: 263030
Ion Ratio Lower Upper
168 100
139 38.5 30.7 46.1
169 13.1 10.9 16.3

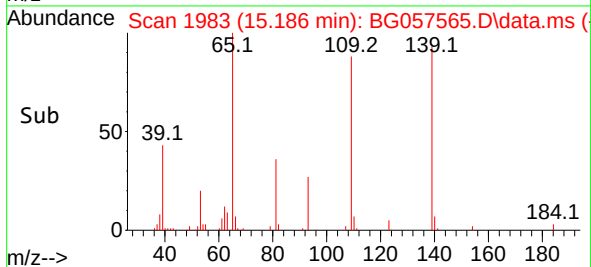
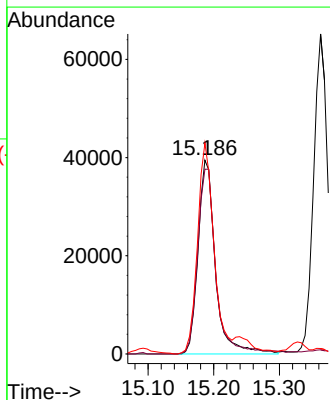
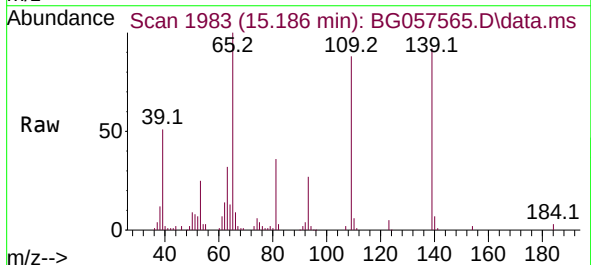
Manual Integrations
APPROVED

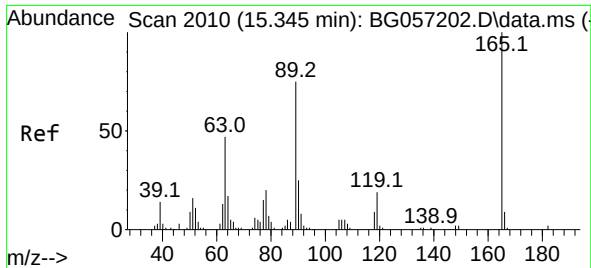
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#56
4-Nitrophenol
Concen: 110.871 ng
RT: 15.186 min Scan# 1983
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Tgt Ion:139 Resp: 72940
Ion Ratio Lower Upper
139 100
109 95.3 86.6 126.6
65 108.8 102.6 142.6





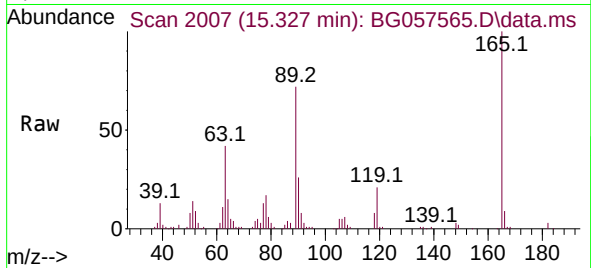
#57
2,4-Dinitrotoluene
Concen: 49.717 ng
RT: 15.327 min Scan# 2010
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Instrument :

BNA_G

ClientSampleId :

SB10BMSD

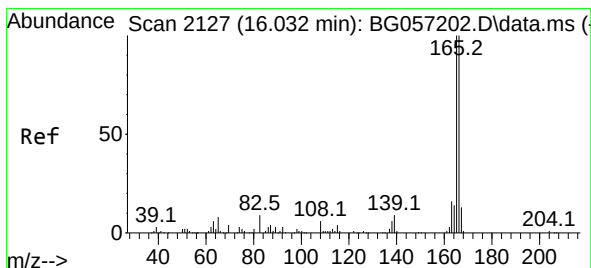
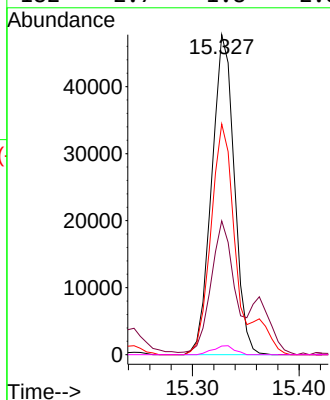
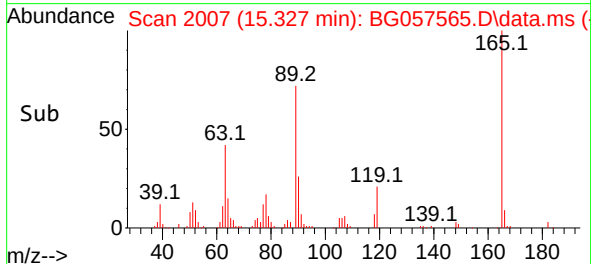


Tgt Ion:165 Resp: 70150
Ion Ratio Lower Upper
165 100
63 41.8 37.5 56.3
89 72.1 60.2 90.4
182 2.7 1.8 2.8

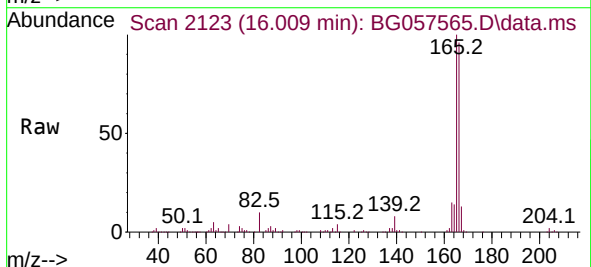
Manual Integrations

APPROVED

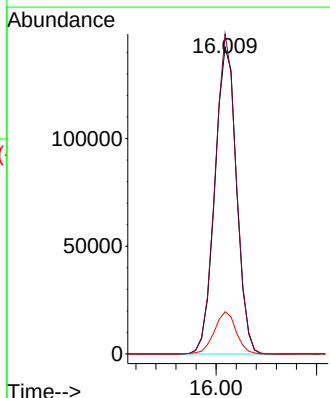
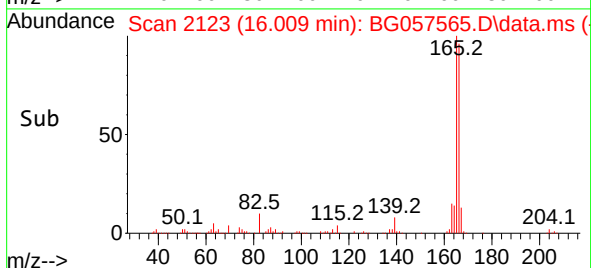
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

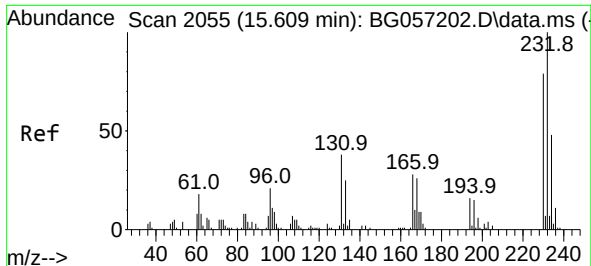


#58
Fluorene
Concen: 46.989 ng
RT: 16.009 min Scan# 2123
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54



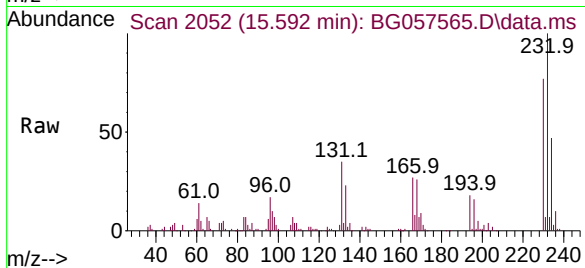
Tgt Ion:166 Resp: 214379
Ion Ratio Lower Upper
166 100
165 104.4 80.1 120.1
167 13.8 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.709 ng
RT: 15.592 min Scan# 2052
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

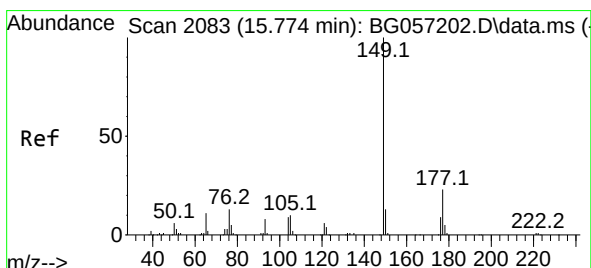
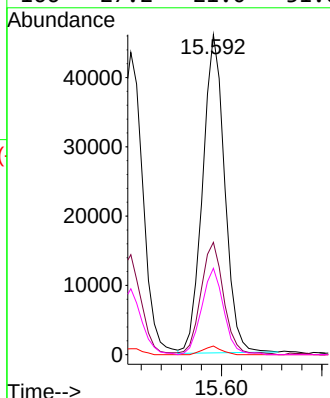
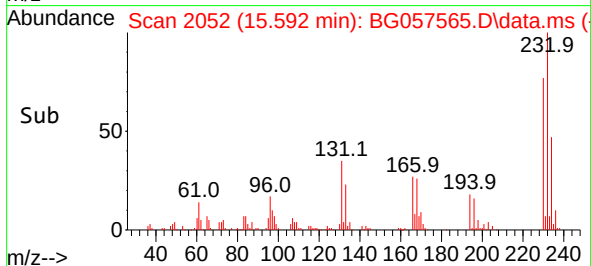
Instrument :
BNA_G
ClientSampleId :
SB10BMSD



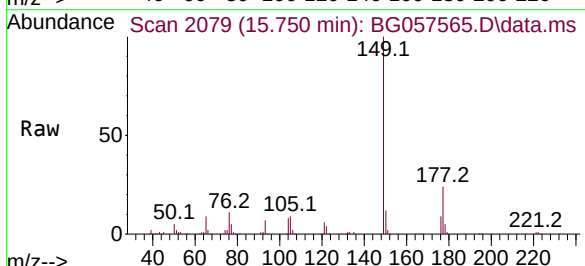
Tgt Ion:232 Resp: 70188
Ion Ratio Lower Upper
232 100
131 36.8 28.6 42.8
130 2.3 1.6 2.4
166 27.2 21.0 31.6

Manual Integrations
APPROVED

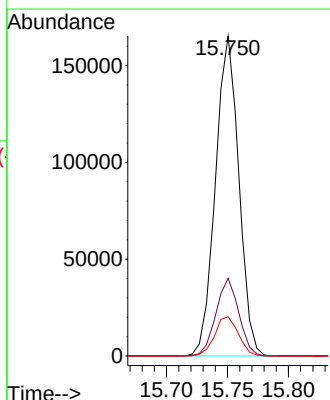
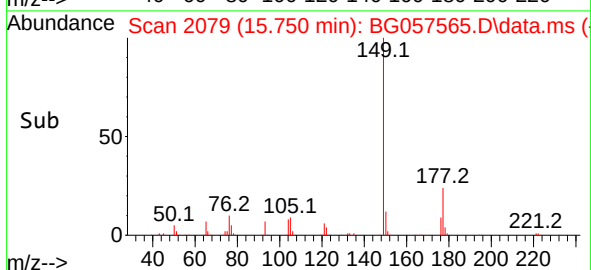
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

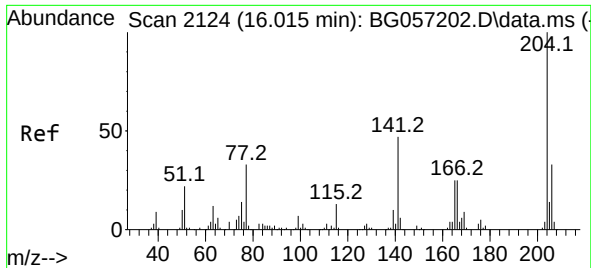


#60
Diethylphthalate
Concen: 44.838 ng
RT: 15.750 min Scan# 2079
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54



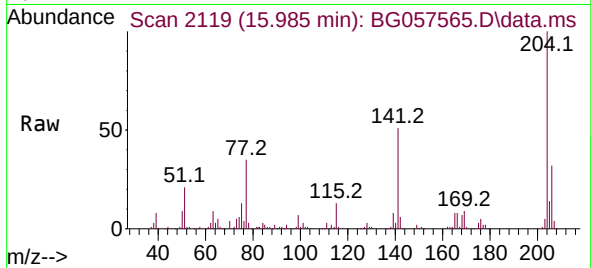
Tgt Ion:149 Resp: 220199
Ion Ratio Lower Upper
149 100
177 24.2 18.3 27.5
150 12.2 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.755 ng
RT: 15.985 min Scan# 2119
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

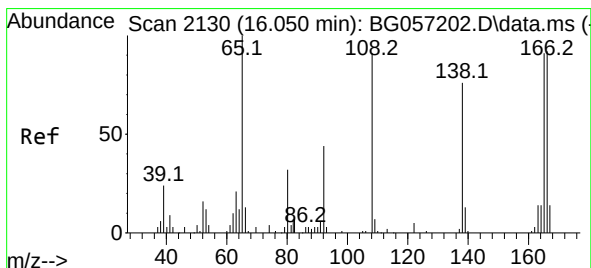
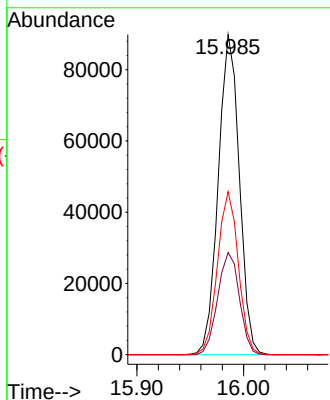
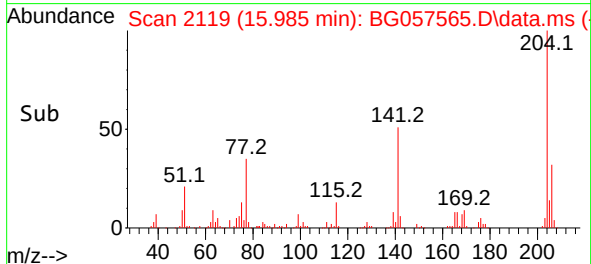
Instrument :
BNA_G
ClientSampleId :
SB10BMSD



Tgt Ion:204 Resp: 123000
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 51.0 37.4 56.0

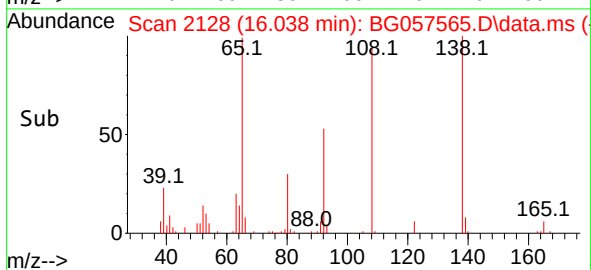
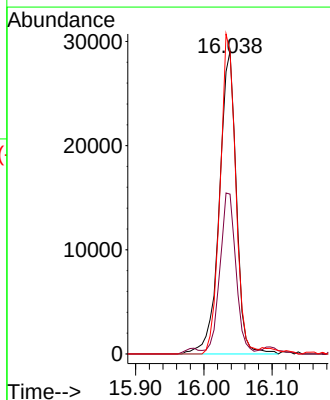
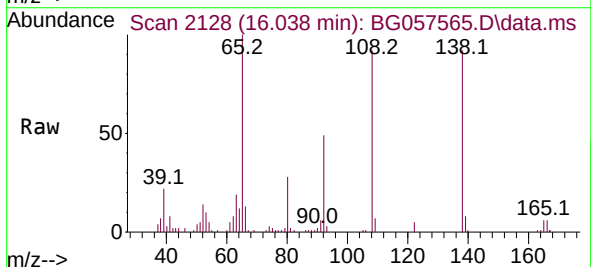
Manual Integrations
APPROVED

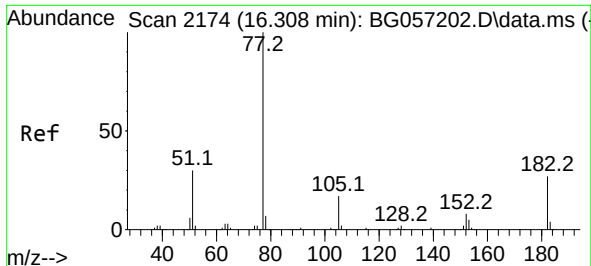
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#62
4-Nitroaniline
Concen: 50.418 ng
RT: 16.038 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

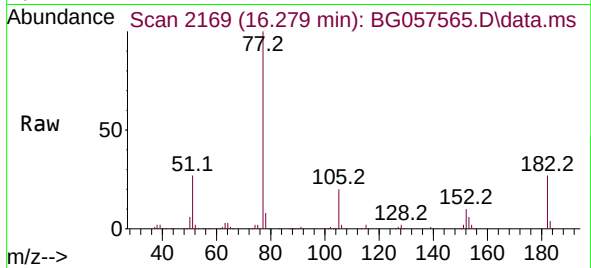
Tgt Ion:138 Resp: 50311
Ion Ratio Lower Upper
138 100
92 52.8 38.2 78.2
108 99.7 99.6 139.6





#63
Azobenzene
Concen: 47.787 ng
RT: 16.279 min Scan# 2174
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

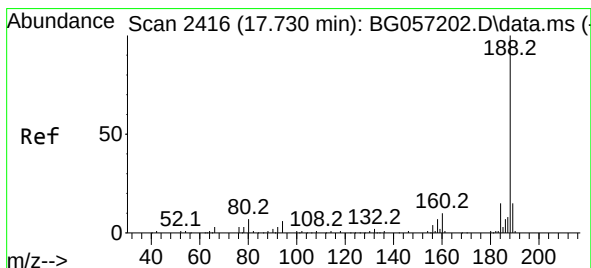
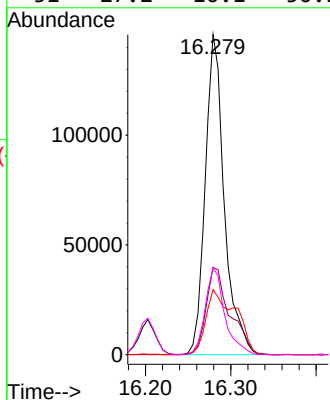
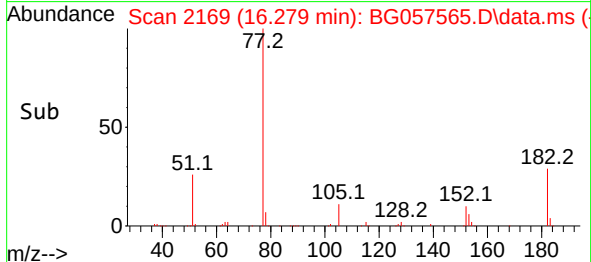
Instrument :
BNA_G
ClientSampleId :
SB10BMSD



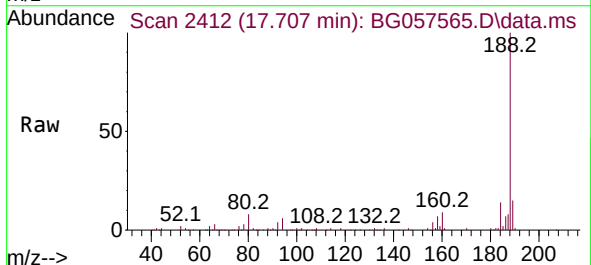
Tgt Ion: 77 Resp: 226434
Ion Ratio Lower Upper
77 100
182 27.3 7.4 47.4
105 20.4 0.0 37.2
51 27.2 10.1 50.1

Manual Integrations
APPROVED

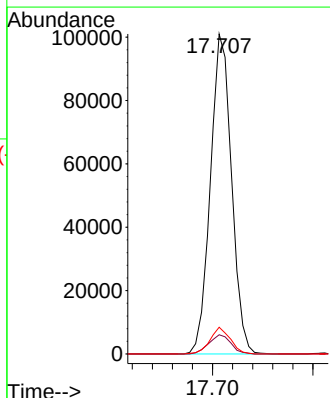
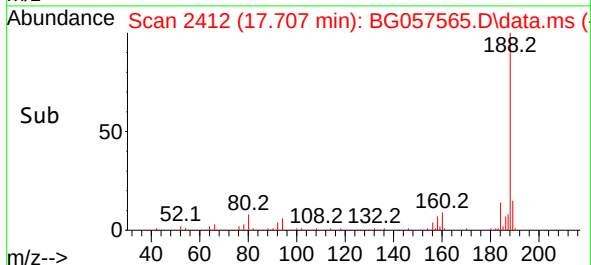
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

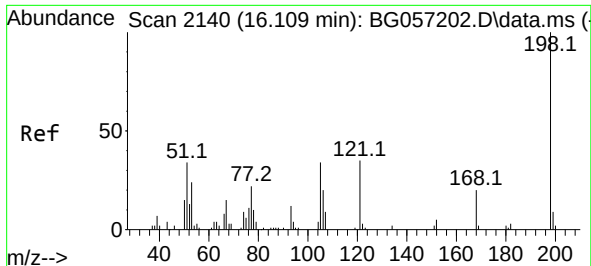


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.707 min Scan# 2412
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54



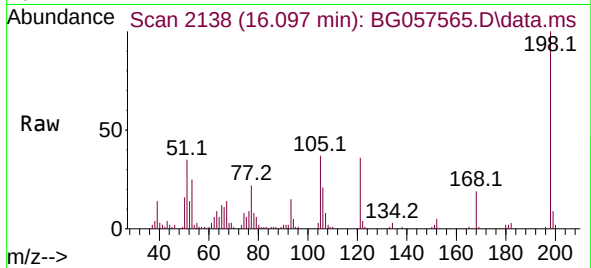
Tgt Ion:188 Resp: 147712
Ion Ratio Lower Upper
188 100
94 6.0 5.1 7.7
80 8.3 5.7 8.5





#65
4,6-Dinitro-2-methylphenol
Concen: 56.066 ng
RT: 16.097 min Scan# 2140
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

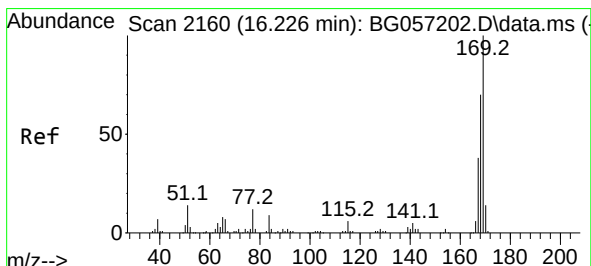
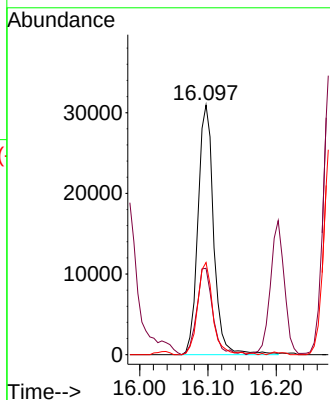
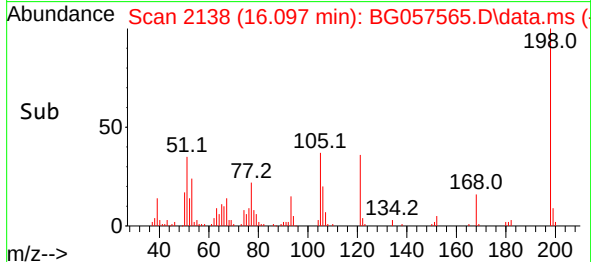
Instrument :
BNA_G
ClientSampleId :
SB10BMSD



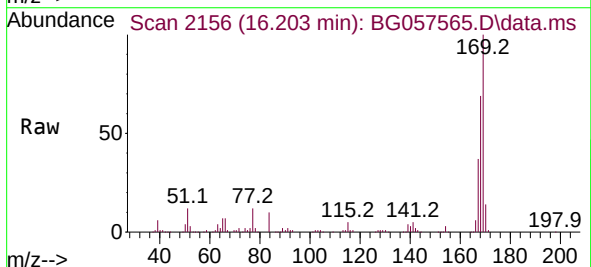
Tgt Ion:198 Resp: 4944
Ion Ratio Lower Upper
198 100
51 34.6 16.1 56.1
105 36.9 14.0 54.0

Manual Integrations
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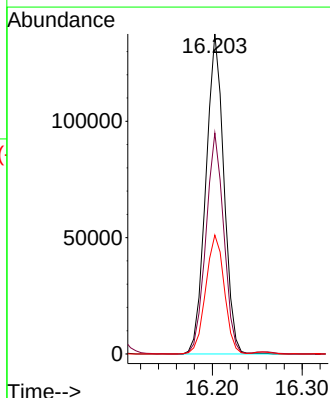
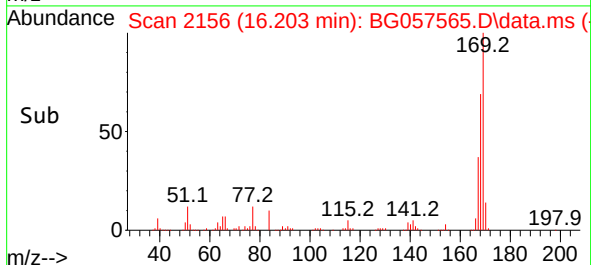
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

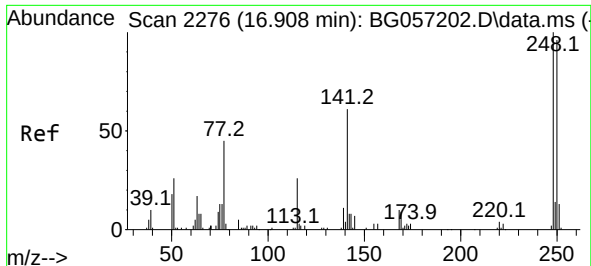


#66
n-Nitrosodiphenylamine
Concen: 47.678 ng
RT: 16.203 min Scan# 2156
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54



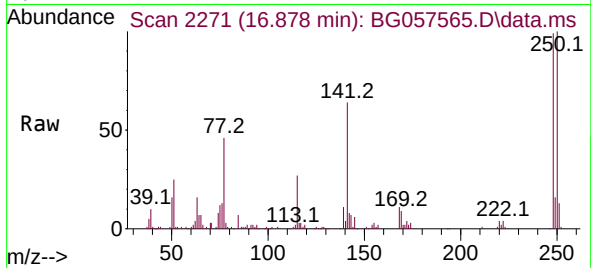
Tgt Ion:169 Resp: 191276
Ion Ratio Lower Upper
169 100
168 69.0 56.2 84.4
167 37.2 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 45.967 ng
RT: 16.878 min Scan# 211
Delta R.T. -0.008 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

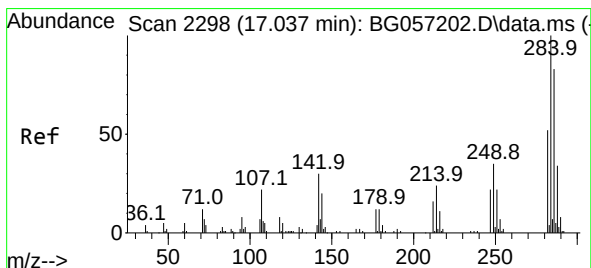
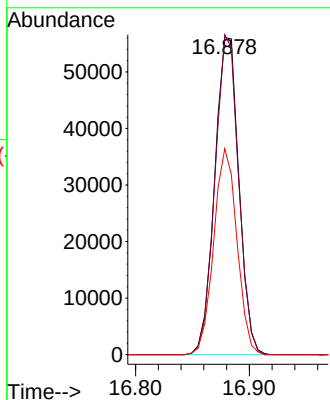
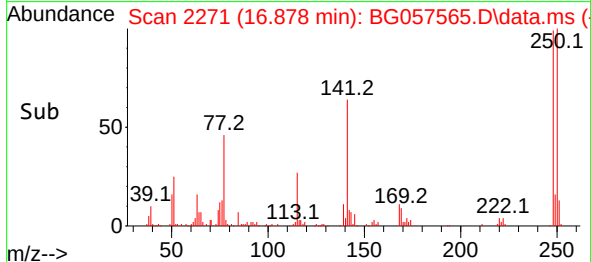
Instrument :
BNA_G
ClientSampleId :
SB10BMSD



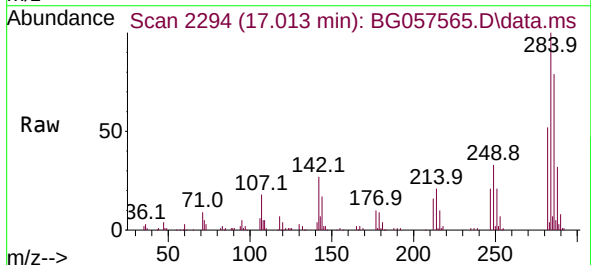
Tgt Ion:248 Resp: 8288
Ion Ratio Lower Upper
248 100
250 100.9 77.0 115.6
141 64.9 48.6 72.8

Manual Integrations
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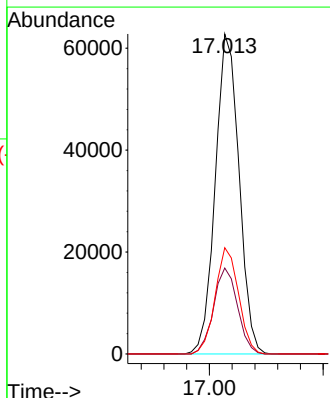
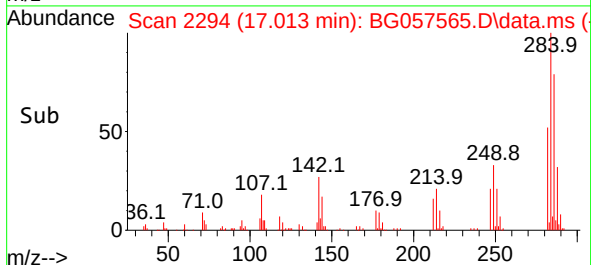
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

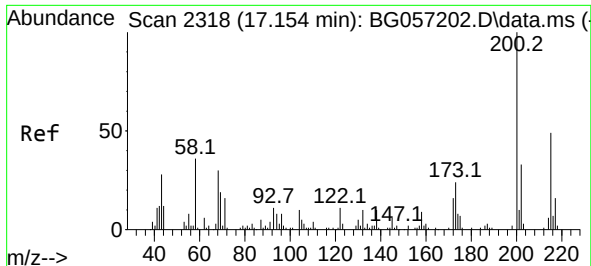


#68
Hexachlorobenzene
Concen: 51.922 ng
RT: 17.013 min Scan# 2294
Delta R.T. -0.008 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54



Tgt Ion:284 Resp: 90983
Ion Ratio Lower Upper
284 100
142 26.8 23.9 35.9
249 33.2 27.7 41.5





#69
 Atrazine
 Concen: 56.715 ng
 RT: 17.137 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057565.D
 Acq: 25 May 2023 19:54

Instrument :

BNA_G

ClientSampleId :

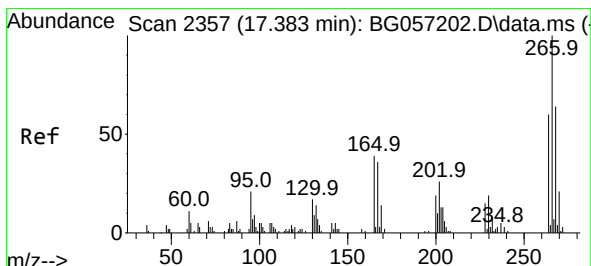
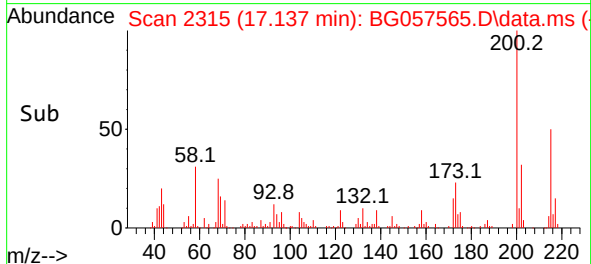
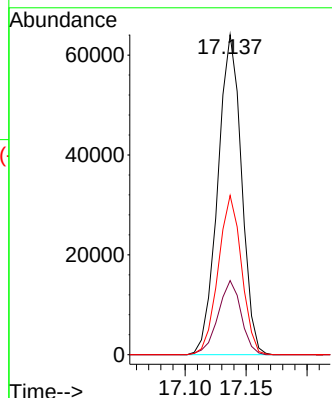
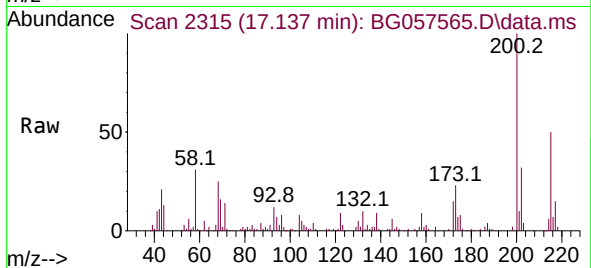
SB10BMSD

Tgt Ion:200 Resp: 8679
 Ion Ratio Lower Upper
 200 100
 173 23.1 4.3 44.3
 215 49.7 29.3 69.3

Manual Integrations

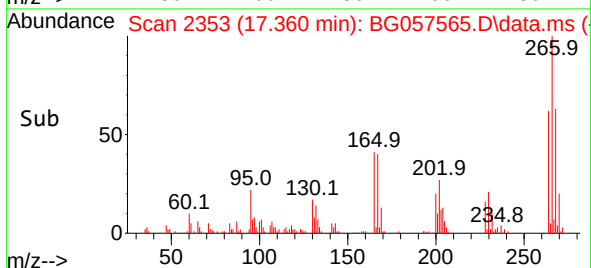
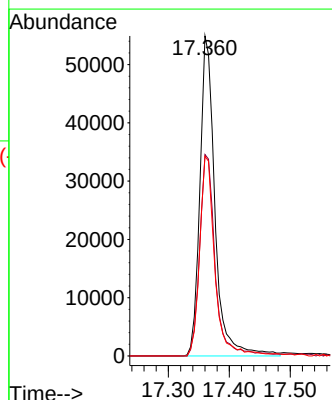
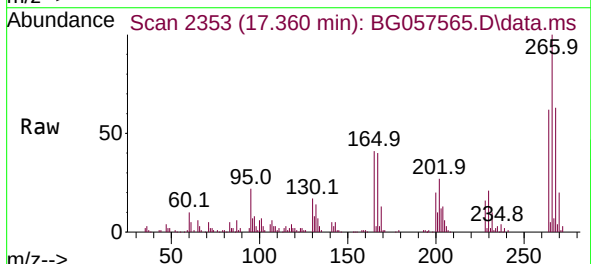
APPROVED

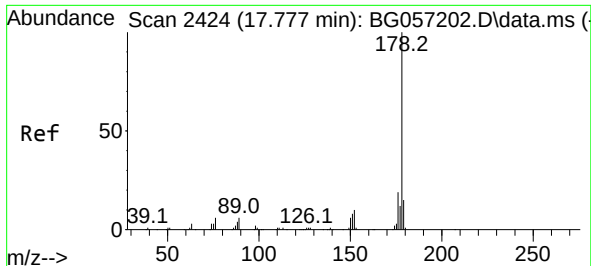
Reviewed By :Christian Giraldo 05/26/2023
 Supervised By :Jagrut Upadhyay 05/26/2023



#70
 Pentachlorophenol
 Concen: 93.677 ng
 RT: 17.360 min Scan# 2353
 Delta R.T. -0.008 min
 Lab File: BG057565.D
 Acq: 25 May 2023 19:54

Tgt Ion:266 Resp: 94602
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.0 76.6
 264 62.4 47.8 71.6





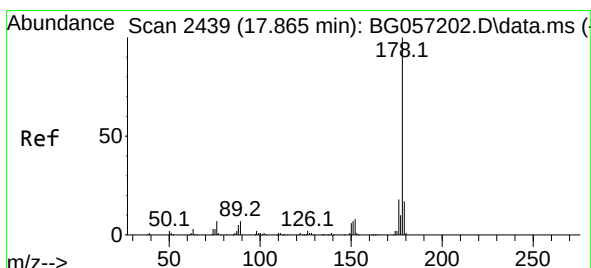
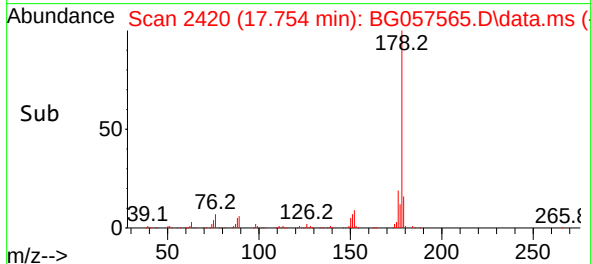
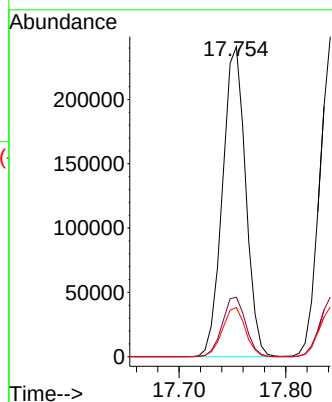
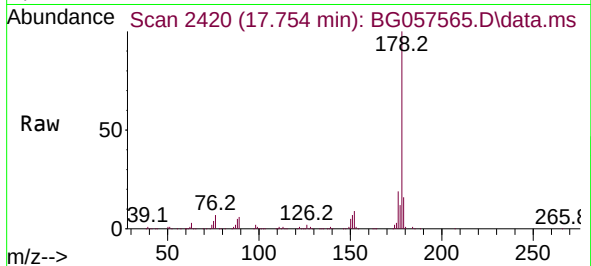
#71
Phenanthrene
Concen: 47.923 ng
RT: 17.754 min Scan# 2420
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

Instrument :
BNA_G
ClientSampleId :
SB10BMSD

Tgt Ion:178 Resp: 362734
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.8 12.3 18.5

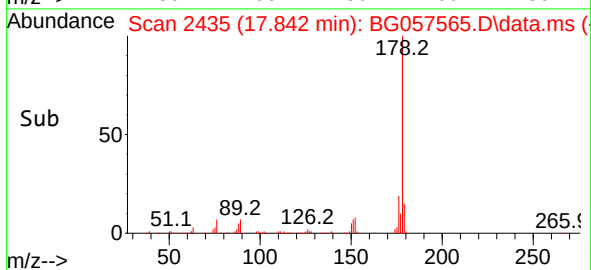
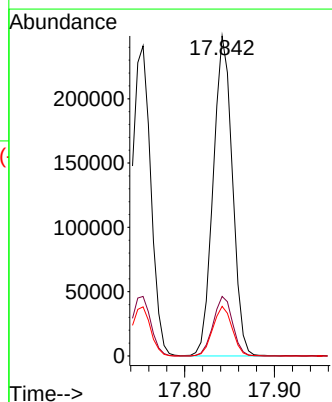
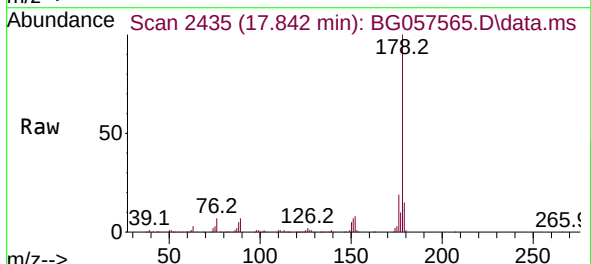
Manual Integrations
APPROVED

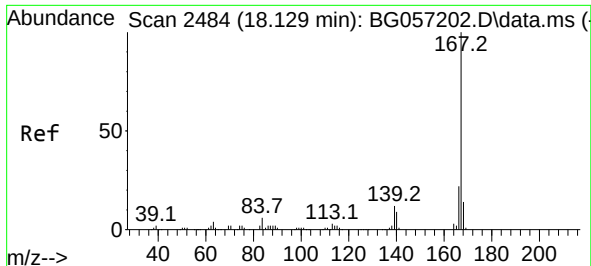
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#72
Anthracene
Concen: 47.575 ng
RT: 17.842 min Scan# 2435
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

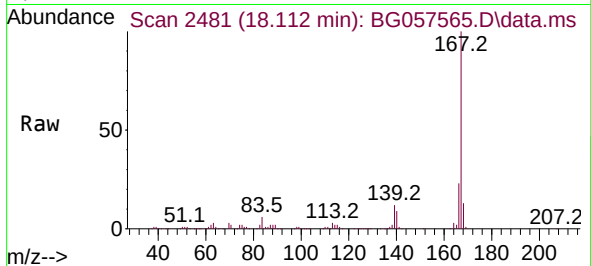
Tgt Ion:178 Resp: 369487
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.5 13.2 19.8





#73
Carbazole
Concen: 50.741 ng
RT: 18.112 min Scan# 2481
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

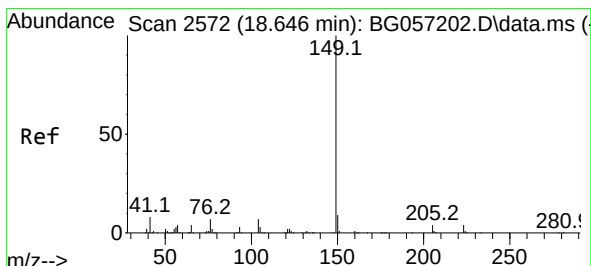
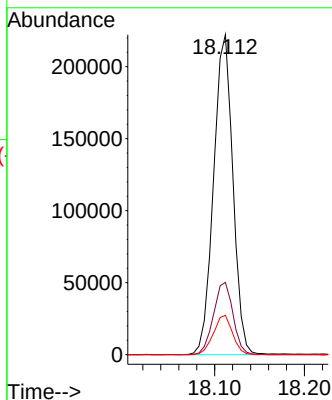
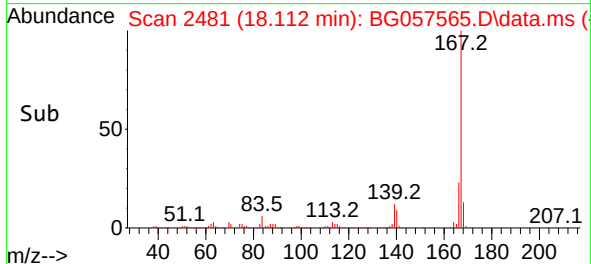
Instrument :
BNA_G
ClientSampleId :
SB10BMSD



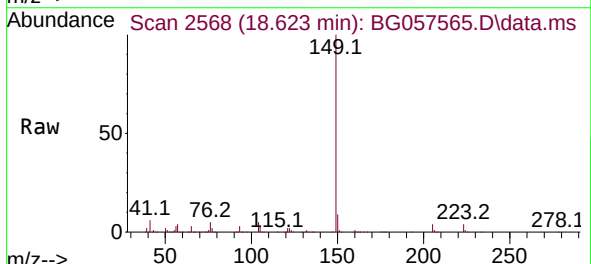
Tgt Ion:167 Resp: 331764
Ion Ratio Lower Upper
167 100
166 22.6 17.4 26.0
139 12.3 9.6 14.4

Manual Integrations
APPROVED

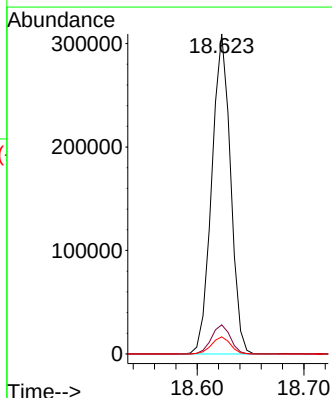
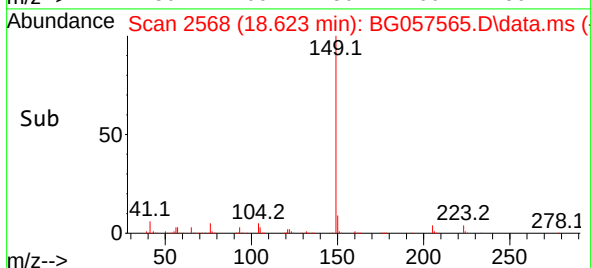
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

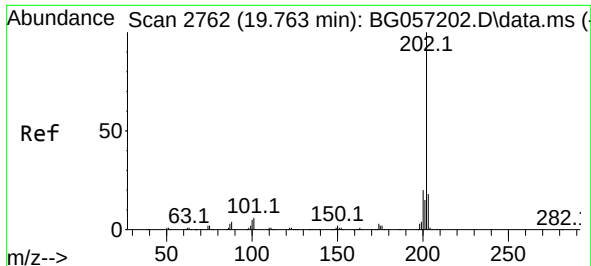


#74
Di-n-butylphthalate
Concen: 50.245 ng
RT: 18.623 min Scan# 2568
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54



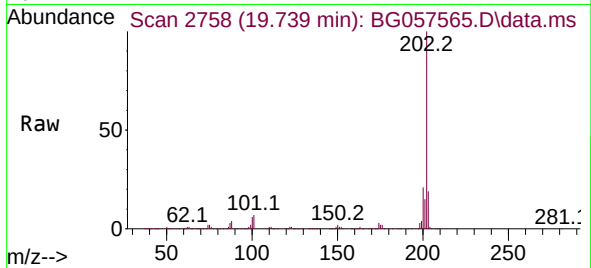
Tgt Ion:149 Resp: 377980
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.4 5.4 8.2#





#75
Fluoranthene
Concen: 47.362 ng
RT: 19.739 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

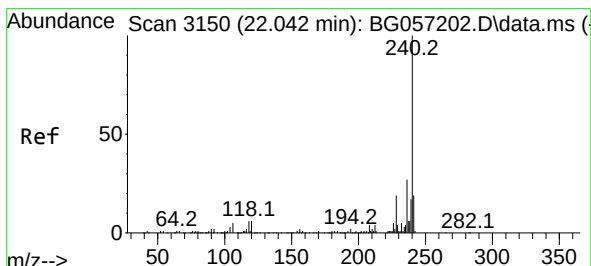
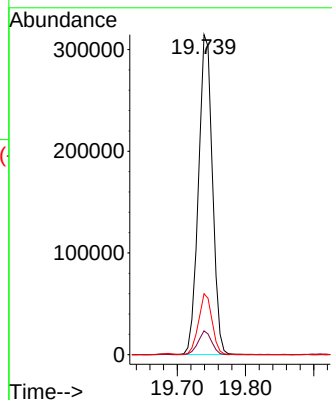
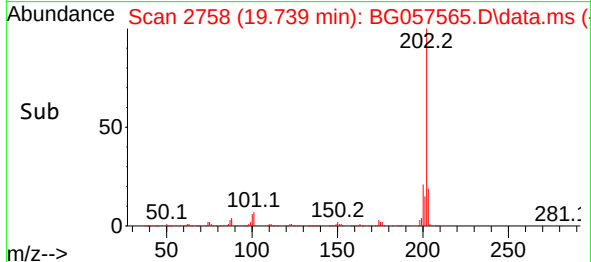
Instrument :
BNA_G
ClientSampleId :
SB10BMSD



Tgt Ion:202 Resp: 44586
Ion Ratio Lower Upper
202 100
101 7.5 0.0 26.2
203 19.1 0.0 37.9

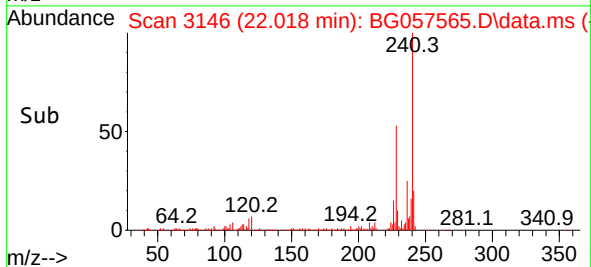
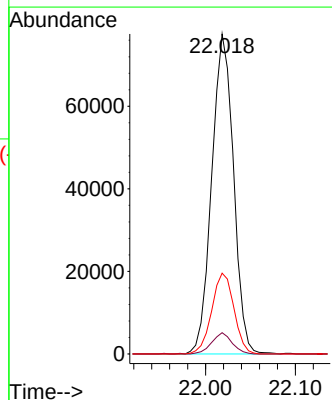
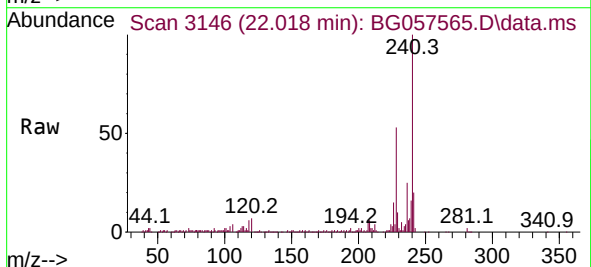
Manual Integrations
APPROVED

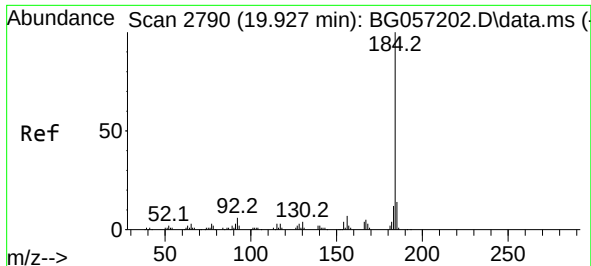
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.018 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

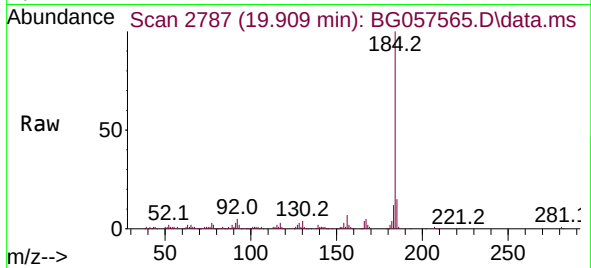
Tgt Ion:240 Resp: 130424
Ion Ratio Lower Upper
240 100
120 6.7 4.9 7.3
236 25.3 21.4 32.2





#77
Benzidine
Concen: 55.161 ng
RT: 19.909 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

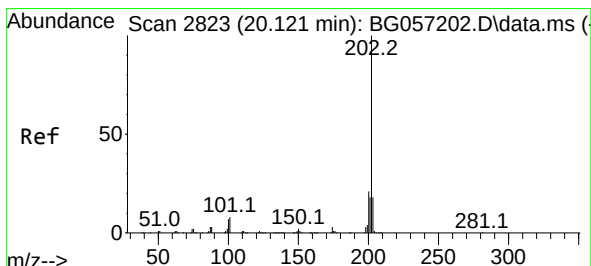
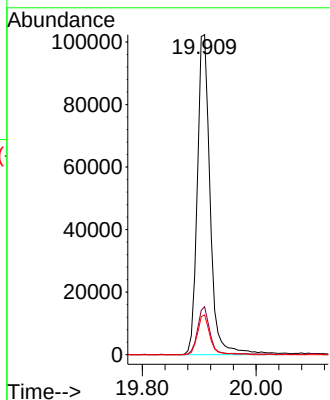
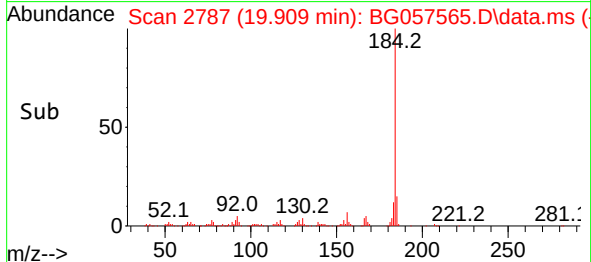
Instrument :
BNA_G
ClientSampleId :
SB10BMSD



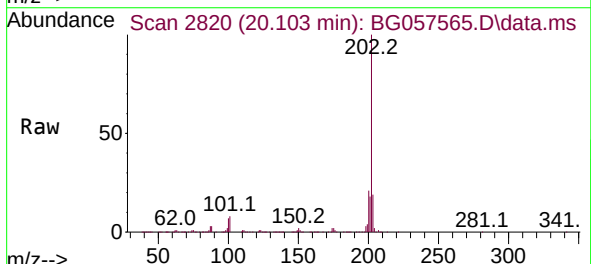
Tgt Ion:184 Resp: 160840
Ion Ratio Lower Upper
184 100
185 15.0 11.1 16.7
183 12.5 9.9 14.9

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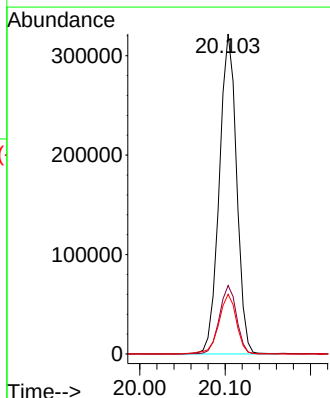
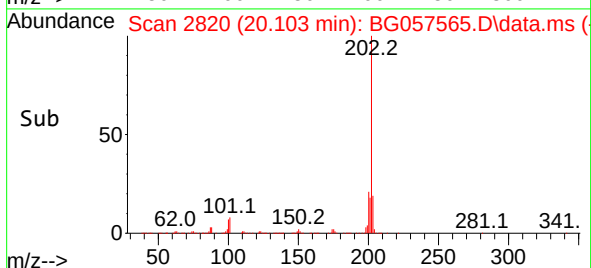
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

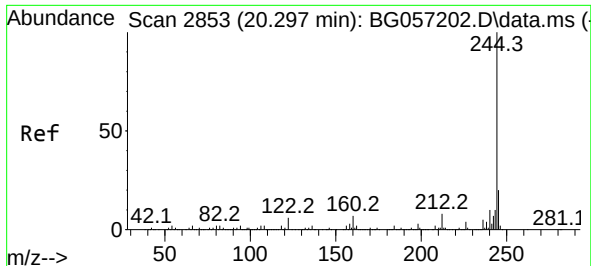


#78
Pyrene
Concen: 47.960 ng
RT: 20.103 min Scan# 2820
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54



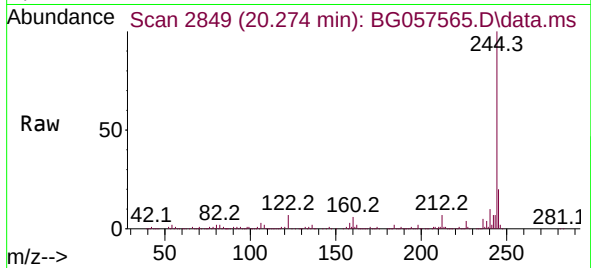
Tgt Ion:202 Resp: 454539
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 18.7 14.2 21.4





#79
 Terphenyl-d14
 Concen: 63.291 ng
 RT: 20.274 min Scan# 2853
 Delta R.T. -0.003 min
 Lab File: BG057565.D
 Acq: 25 May 2023 19:54

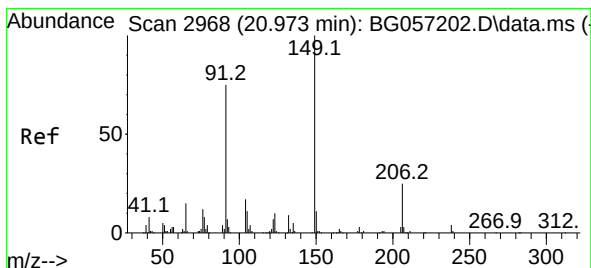
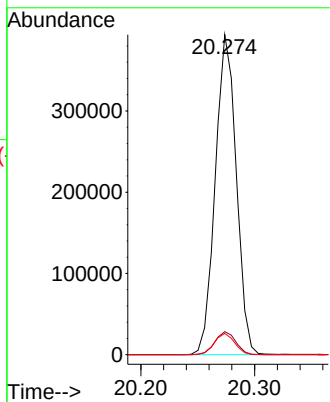
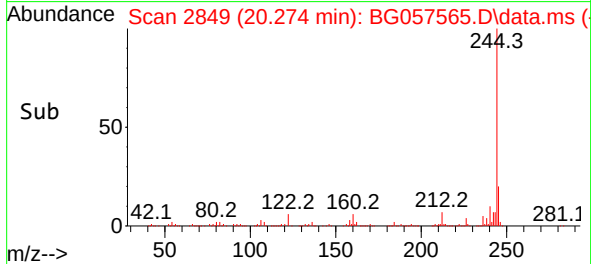
Instrument :
 BNA_G
 ClientSampleId :
 SB10BMSD



Tgt Ion:244 Resp: 505822
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.6 5.1 7.7

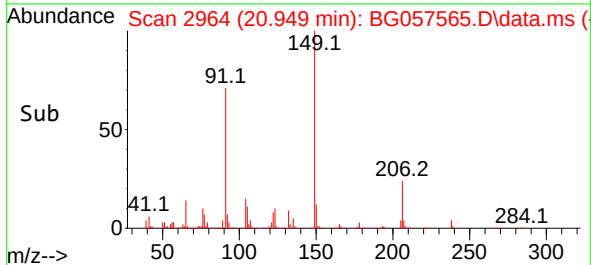
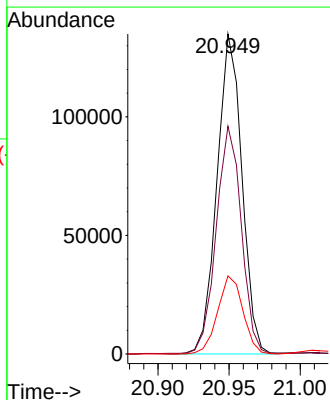
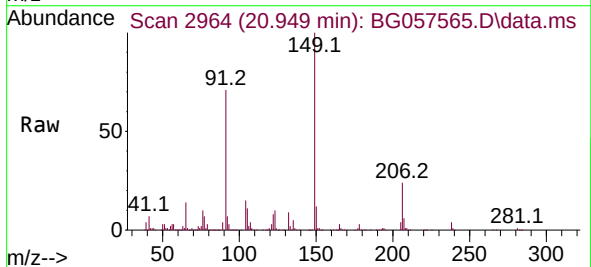
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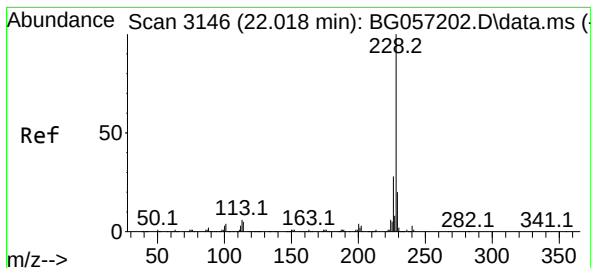
Reviewed By :Christian Giraldo 05/26/2023
 Supervised By :Jagrut Upadhyay 05/26/2023



#80
 Butylbenzylphthalate
 Concen: 54.716 ng
 RT: 20.949 min Scan# 2964
 Delta R.T. -0.003 min
 Lab File: BG057565.D
 Acq: 25 May 2023 19:54

Tgt Ion:149 Resp: 164536
 Ion Ratio Lower Upper
 149 100
 91 71.1 59.7 89.5
 206 24.4 19.7 29.5





#81

Benzo(a)anthracene

Concen: 48.364 ng

RT: 21.995 min Scan# 3142

Delta R.T. -0.003 min

Lab File: BG057565.D

Acq: 25 May 2023 19:54

Instrument :

BNA_G

ClientSampleId :

SB10BMSD

Tgt Ion:228 Resp: 44941

Ion Ratio Lower Upper

228 100

226 26.8 22.0 33.0

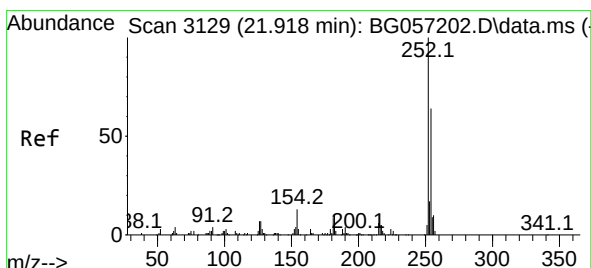
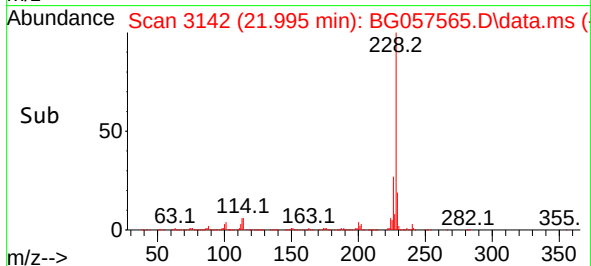
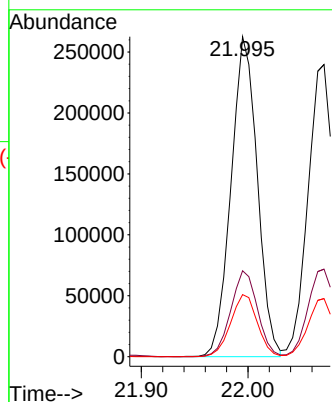
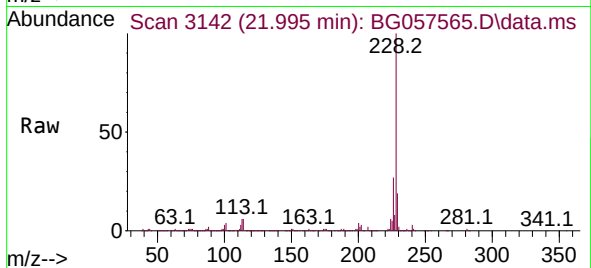
229 19.4 15.8 23.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023



#82

3,3'-Dichlorobenzidine

Concen: 35.462 ng

RT: 21.895 min Scan# 3125

Delta R.T. -0.003 min

Lab File: BG057565.D

Acq: 25 May 2023 19:54

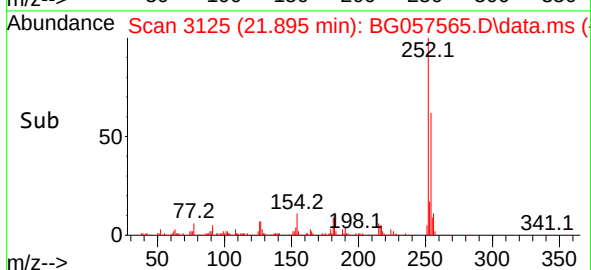
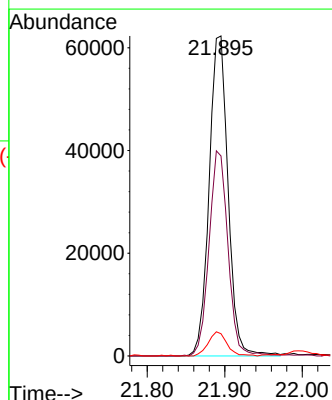
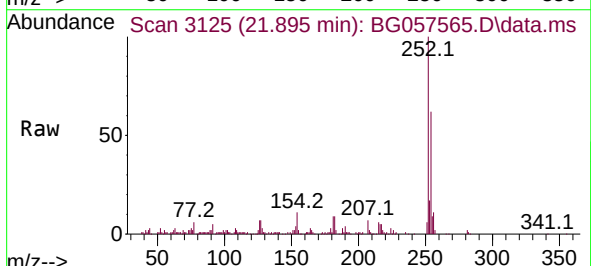
Tgt Ion:252 Resp: 105549

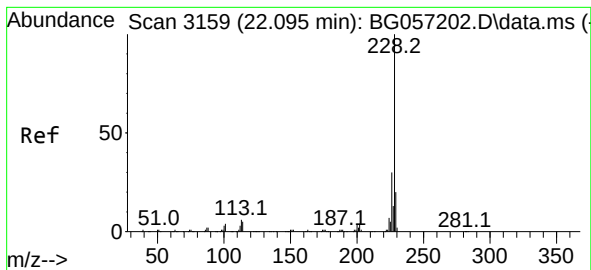
Ion Ratio Lower Upper

252 100

254 62.5 51.4 77.0

126 6.9 5.9 8.9





#83

Chrysene

Concen: 46.574 ng

RT: 22.071 min Scan# 3155

Delta R.T. 0.003 min

Lab File: BG057565.D

Acq: 25 May 2023 19:54

Instrument :

BNA_G

ClientSampleId :

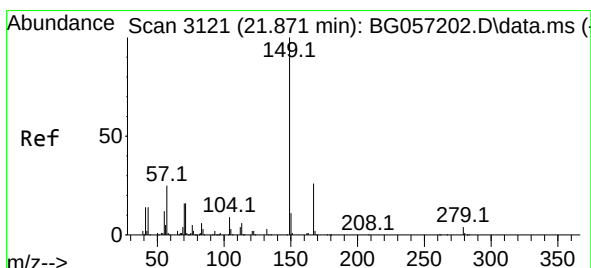
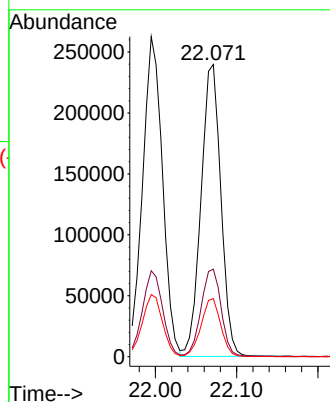
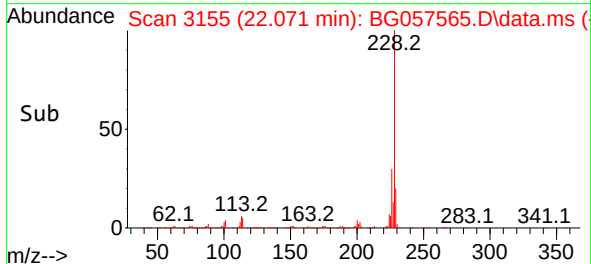
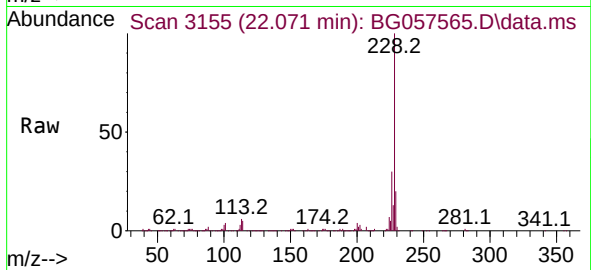
SB10BMSD

Tgt Ion:228 Resp: 407195
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.3 36.5
 229 19.9 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 05/26/2023
 Supervised By :Jagrut Upadhyay 05/26/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.135 ng

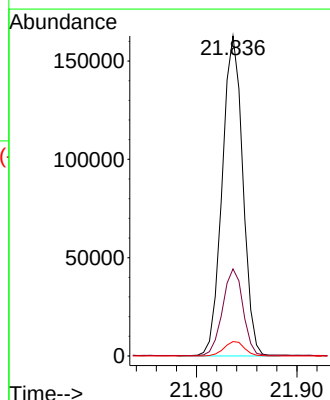
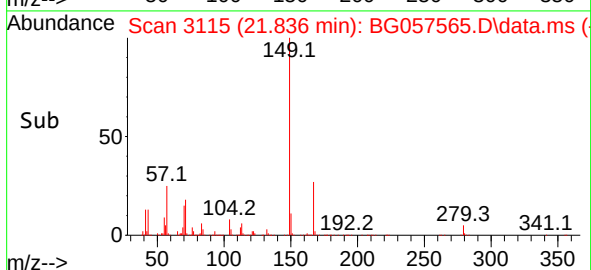
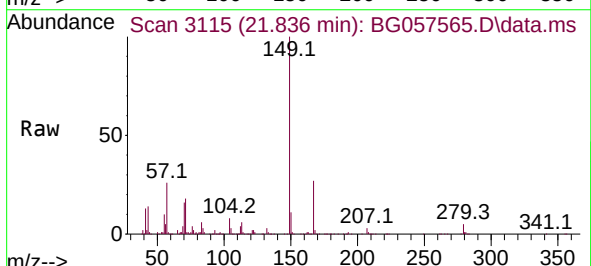
RT: 21.836 min Scan# 3115

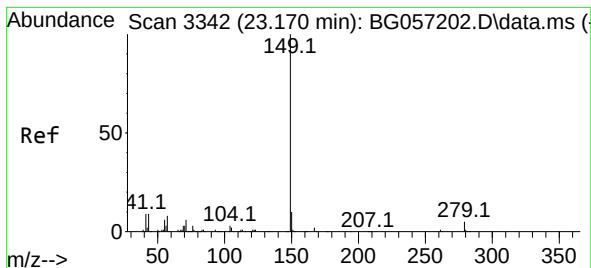
Delta R.T. -0.003 min

Lab File: BG057565.D

Acq: 25 May 2023 19:54

Tgt Ion:149 Resp: 231957
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.2 31.8
 279 4.5 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 52.323 ng

RT: 23.129 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG057565.D

Acq: 25 May 2023 19:54

Instrument :

BNA_G

ClientSampleId :

SB10BMSD

Tgt Ion:149 Resp: 38810

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

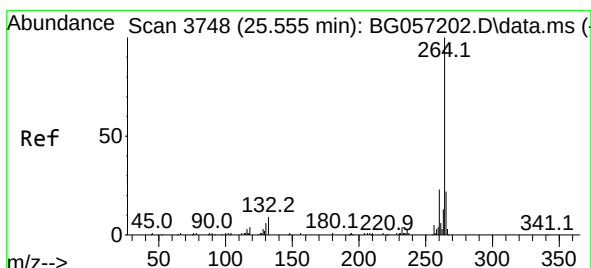
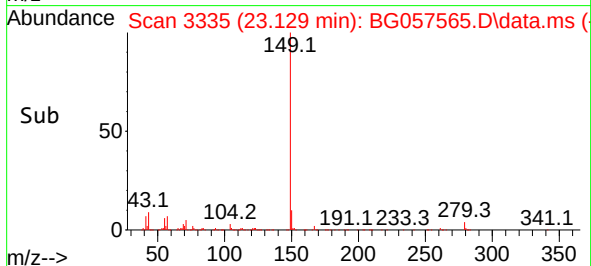
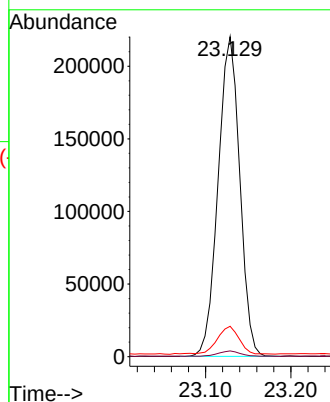
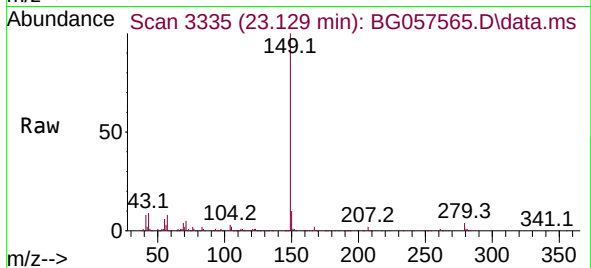
43 8.9 7.8 11.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.520 min Scan# 3742

Delta R.T. -0.003 min

Lab File: BG057565.D

Acq: 25 May 2023 19:54

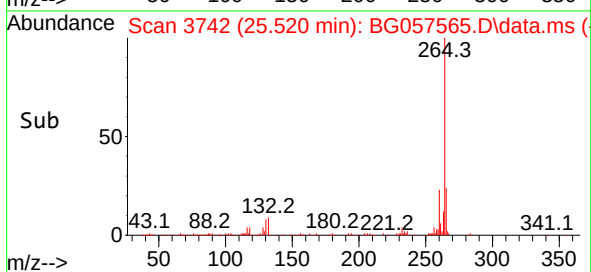
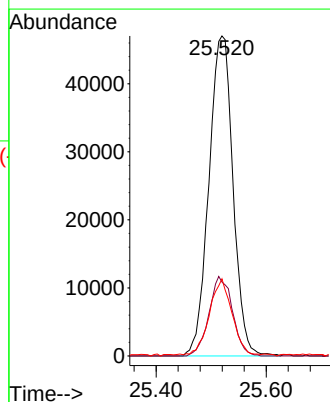
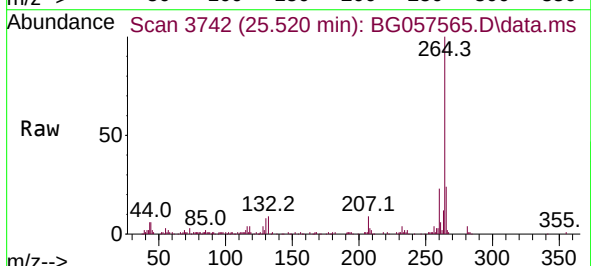
Tgt Ion:264 Resp: 143262

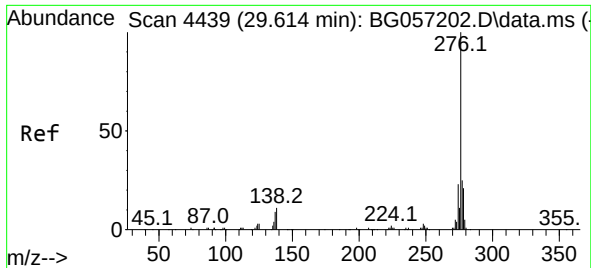
Ion Ratio Lower Upper

264 100

260 23.1 18.8 28.2

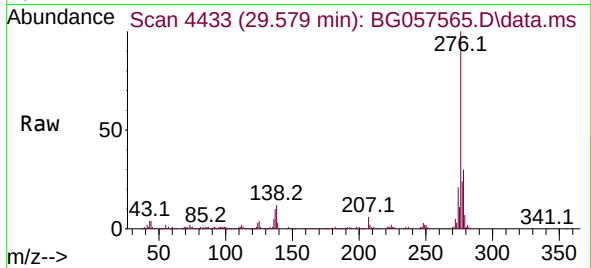
265 24.1 17.9 26.9





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.758 ng
 RT: 29.579 min Scan# 4439
 Delta R.T. -0.003 min
 Lab File: BG057565.D
 Acq: 25 May 2023 19:54

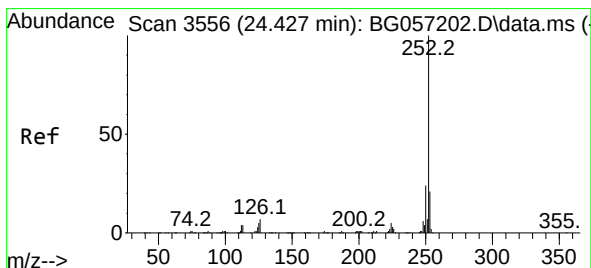
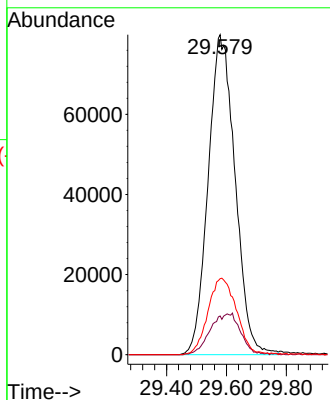
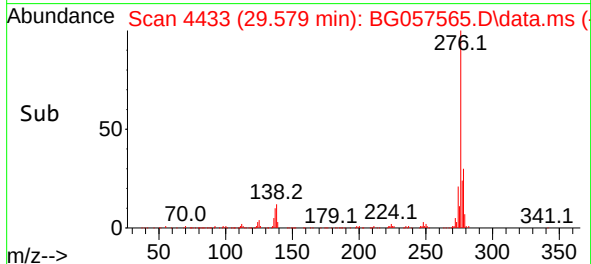
Instrument :
 BNA_G
 ClientSampleId :
 SB10BMSD



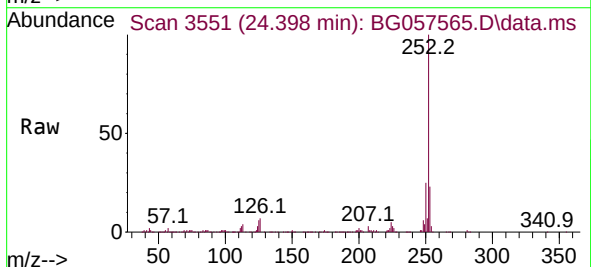
Tgt Ion:276 Resp: 49864
 Ion Ratio Lower Upper
 276 100
 138 6.3 5.4 8.0
 277 25.4 20.6 30.8

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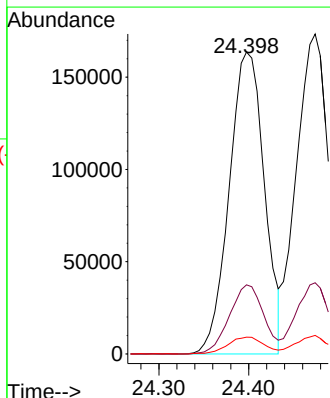
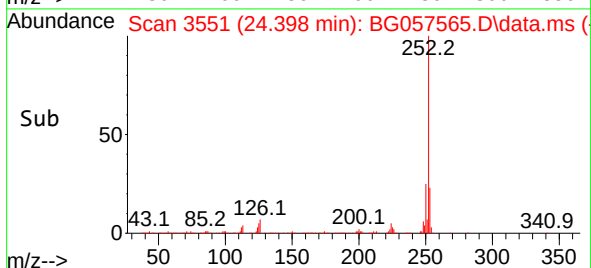
Reviewed By :Christian Giraldo 05/26/2023
 Supervised By :Jagrut Upadhyay 05/26/2023

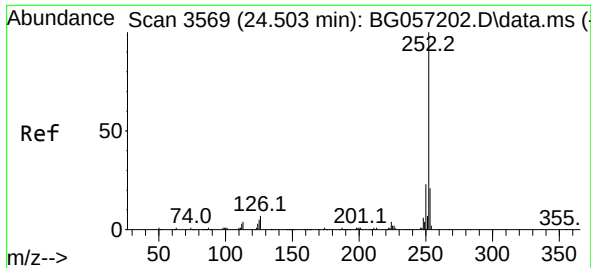


#88
 Benzo(b)fluoranthene
 Concen: 47.535 ng
 RT: 24.398 min Scan# 3551
 Delta R.T. -0.003 min
 Lab File: BG057565.D
 Acq: 25 May 2023 19:54



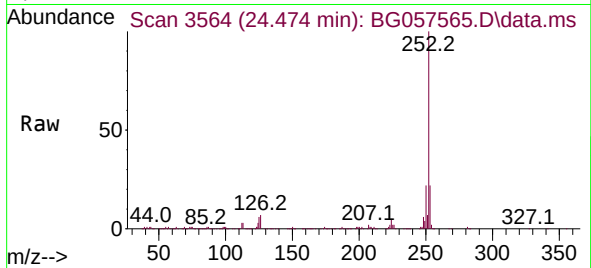
Tgt Ion:252 Resp: 445166
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.0 25.6
 125 5.6 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 46.373 ng
RT: 24.474 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

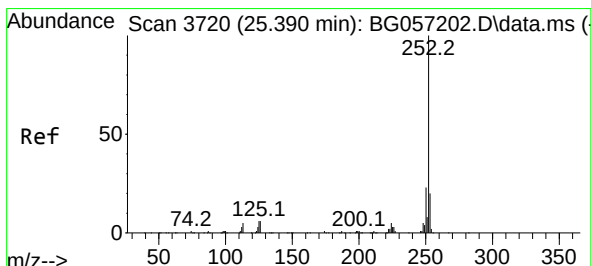
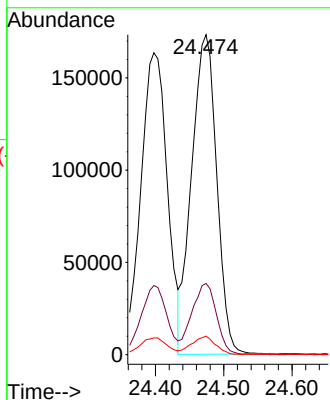
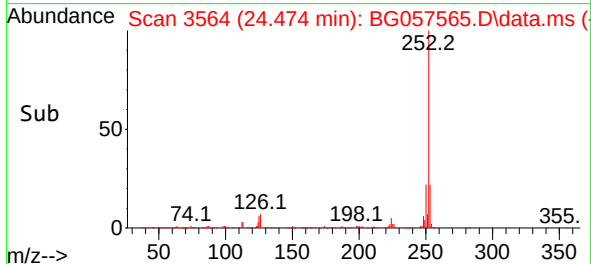
Instrument :
BNA_G
ClientSampleId :
SB10BMSD



Tgt Ion:252 Resp: 441308
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 5.8 4.1 6.1

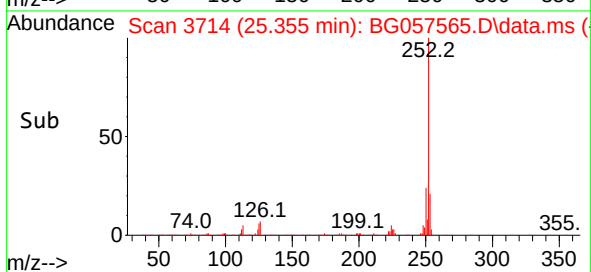
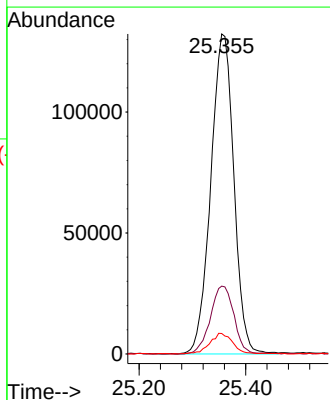
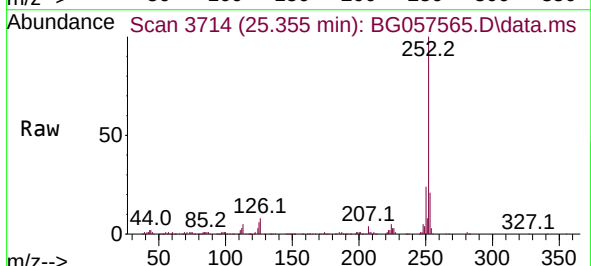
Manual Integrations
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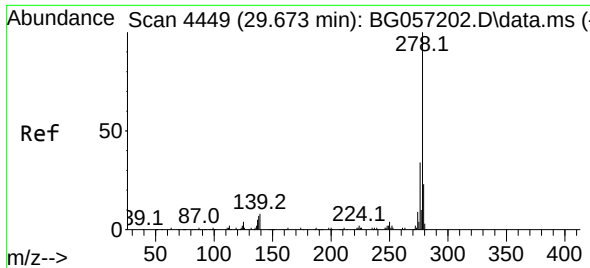
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#90
Benzo(a)pyrene
Concen: 43.390 ng
RT: 25.355 min Scan# 3714
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

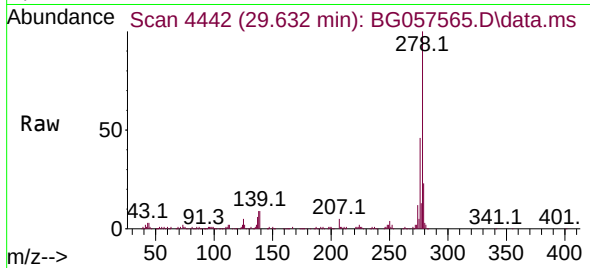
Tgt Ion:252 Resp: 396984
Ion Ratio Lower Upper
252 100
253 21.2 16.3 24.5
125 6.4 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 47.850 ng
RT: 29.632 min Scan# 4442
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54

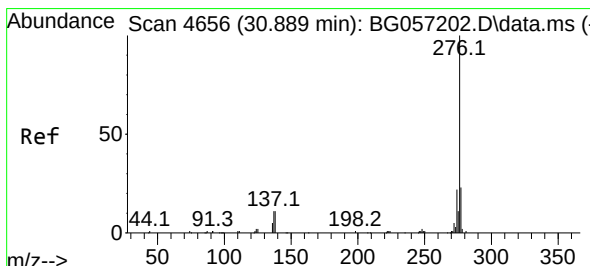
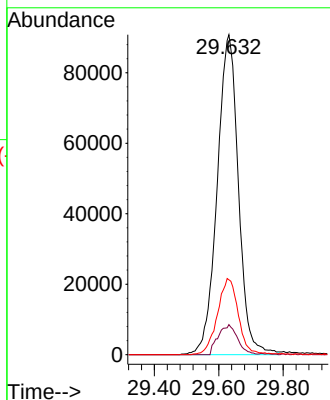
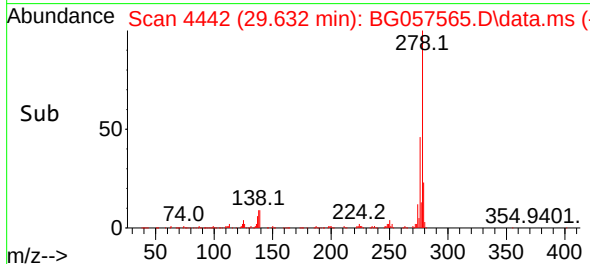
Instrument :
BNA_G
ClientSampleId :
SB10BMSD



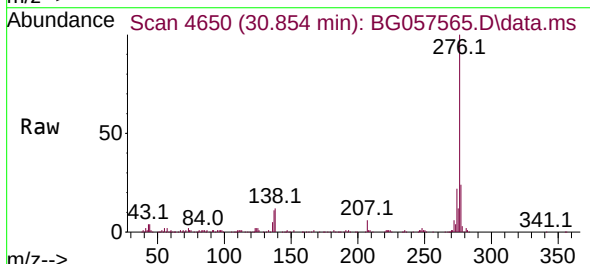
Tgt Ion:278 Resp: 416060
Ion Ratio Lower Upper
278 100
139 9.4 6.2 9.2
279 23.4 18.6 27.8

Manual Integrations
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Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#92
Benzo(g,h,i)perylene
Concen: 47.299 ng
RT: 30.854 min Scan# 4650
Delta R.T. -0.003 min
Lab File: BG057565.D
Acq: 25 May 2023 19:54



Tgt Ion:276 Resp: 401583
Ion Ratio Lower Upper
276 100
277 24.3 18.4 27.6
138 12.4 9.0 13.4

