

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
 Data File : BG057543.D
 Acq On : 24 May 2023 20:58
 Operator : CG/JU
 Sample : 02899-06MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB08MSD

Manual Integrations
 APPROVED

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

Quant Time: May 25 02:27:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 02:19:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.354	152	17923	20.000	ng	-0.01
21) Naphthalene-d8	11.191	136	69606	20.000	ng	#-0.01
39) Acenaphthene-d10	14.969	164	48545	20.000	ng	-0.01
64) Phenanthrene-d10	17.712	188	122478	20.000	ng	-0.01
76) Chrysene-d12	22.018	240	124701	20.000	ng	-0.02
86) Perylene-d12	25.519	264	133730	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	105597	100.784	ng	0.00
7) Phenol-d6	7.502	99	152156	95.632	ng	0.00
23) Nitrobenzene-d5	9.535	82	94836	57.184	ng	-0.01
42) 2,4,6-Tribromophenol	16.455	330	71688	104.076	ng	-0.01
45) 2-Fluorobiphenyl	13.594	172	220481	61.169	ng	-0.01
79) Terphenyl-d14	20.273	244	448635	58.711	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.666	88	20810	48.036	ng	97
3) Pyridine	4.095	79	54900	39.433	ng	95
4) n-Nitrosodimethylamine	4.007	42	27734	42.390	ng	# 80
6) Aniline	7.667	93	72174	35.758	ng	96
8) 2-Chlorophenol	7.919	128	61069	55.160	ng	100
9) Benzaldehyde	7.479	77	42800	52.991	ng	98
10) Phenol	7.532	94	80503	51.904	ng	95
11) bis(2-Chloroethyl)ether	7.755	93	56425	48.245	ng	97
12) 1,3-Dichlorobenzene	8.242	146	68497	56.056	ng	93
13) 1,4-Dichlorobenzene	8.389	146	67969	55.376	ng	95
14) 1,2-Dichlorobenzene	8.718	146	66146	55.824	ng	96
15) Benzyl Alcohol	8.589	79	62834	47.405	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.871	45	70104	47.557	ng	98
17) 2-Methylphenol	8.800	107	53997	48.296	ng	94
18) Hexachloroethane	9.453	117	23683	53.468	ng	95
19) n-Nitroso-di-n-propyla...	9.159	70	49549	40.841	ng	97
20) 3+4-Methylphenols	9.124	107	73950	48.305	ng	94
22) Acetophenone	9.188	105	94661	47.515	ng	# 95
24) Nitrobenzene	9.576	77	75472	45.088	ng	95
25) Isophorone	10.099	82	131836	40.995	ng	98
26) 2-Nitrophenol	10.298	139	34160	53.315	ng	93
27) 2,4-Dimethylphenol	10.340	122	59684	53.198	ng	99
28) bis(2-Chloroethoxy)met...	10.569	93	74711	46.373	ng	96
29) 2,4-Dichlorophenol	10.839	162	63764	53.586	ng	95
30) 1,2,4-Trichlorobenzene	11.050	180	70103	51.077	ng	97
31) Naphthalene	11.244	128	183412	49.288	ng	99
32) Benzoic acid	10.492	122	32520m	50.044	ng	
33) 4-Chloroaniline	11.350	127	54611	32.679	ng	96
34) Hexachlorobutadiene	11.509	225	49551	48.655	ng	98
35) Caprolactam	12.120	113	20916m	51.457	ng	
36) 4-Chloro-3-methylphenol	12.448	107	66537	49.204	ng	98
37) 2-Methylnaphthalene	12.824	142	134178	45.861	ng	93
38) 1-Methylnaphthalene	13.042	142	124599	45.182	ng	100
40) 1,2,4,5-Tetrachloroben...	13.183	216	90829	52.704	ng	100
41) Hexachlorocyclopentadiene	13.153	237	70328	84.513	ng	97
43) 2,4,6-Trichlorophenol	13.418	196	56174	53.502	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.500	196	60479	48.969	ng	98
46) 1,1'-Biphenyl	13.805	154	186744	51.841	ng	98
47) 2-Chloronaphthalene	13.858	162	143594	53.606	ng	98
48) 2-Nitroaniline	14.058	65	45567	50.029	ng	94
49) Acenaphthylene	14.698	152	221436	50.883	ng	99
50) Dimethylphthalate	14.405	163	182909	45.851	ng	99
51) 2,6-Dinitrotoluene	14.540	165	41473	50.919	ng	90
52) Acenaphthene	15.033	154	136877	50.334	ng	99
53) 3-Nitroaniline	14.875	138	30267	37.093	ng	92
54) 2,4-Dinitrophenol	15.092	184	53905	105.217	ng	96
55) Dibenzofuran	15.362	168	227941	49.888	ng	97
56) 4-Nitrophenol	15.186	139	65385	120.480	ng	87
57) 2,4-Dinitrotoluene	15.327	165	60359	51.853	ng	94
58) Fluorene	16.014	166	188594	50.111	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.591	232	60378	53.923	ng	100
60) Diethylphthalate	15.750	149	186305	45.988	ng	98
61) 4-Chlorophenyl-phenyle...	15.991	204	106954	47.173	ng	98
62) 4-Nitroaniline	16.032	138	43386	52.706	ng	88
63) Azobenzene	16.284	77	182694	46.739	ng	94
65) 4,6-Dinitro-2-methylph...	16.096	198	43103	58.945	ng	97
66) n-Nitrosodiphenylamine	16.202	169	161646	48.593	ng	99
67) 4-Bromophenyl-phenylether	16.884	248	71969	48.135	ng	98
68) Hexachlorobenzene	17.019	284	78139	53.780	ng	95
69) Atrazine	17.136	200	77613	61.163	ng	97
70) Pentachlorophenol	17.365	266	82166	98.125	ng	96
71) Phenanthrene	17.753	178	318375	50.729	ng	99
72) Anthracene	17.841	178	325482	50.543	ng	99
73) Carbazole	18.111	167	303637	56.007	ng	99
74) Di-n-butylphthalate	18.622	149	339274	54.392	ng	# 98
75) Fluoranthene	19.744	202	421184	53.958	ng	98
77) Benzidine	19.909	184	207630	74.476	ng	100
78) Pyrene	20.103	202	427136	47.137	ng	99
80) Butylbenzylphthalate	20.949	149	160945	55.978	ng	98
81) Benzo(a)anthracene	21.994	228	432185	48.645	ng	100
82) 3,3'-Dichlorobenzidine	21.889	252	112034	39.369	ng	100
83) Chrysene	22.071	228	396019	47.375	ng	100
84) Bis(2-ethylhexyl)phtha...	21.836	149	229169	53.872	ng	100
85) Di-n-octyl phthalate	23.128	149	383615	54.092	ng	97
87) Indeno(1,2,3-cd)pyrene	29.572	276	483541	49.612	ng	100
88) Benzo(b)fluoranthene	24.397	252	439014	50.220	ng	97
89) Benzo(k)fluoranthene	24.468	252	429577	48.358	ng	99
90) Benzo(a)pyrene	25.355	252	387794	45.407	ng	99
91) Dibenzo(a,h)anthracene	29.625	278	403542	49.717	ng	# 97
92) Benzo(g,h,i)perylene	30.847	276	392002	49.461	ng	98

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

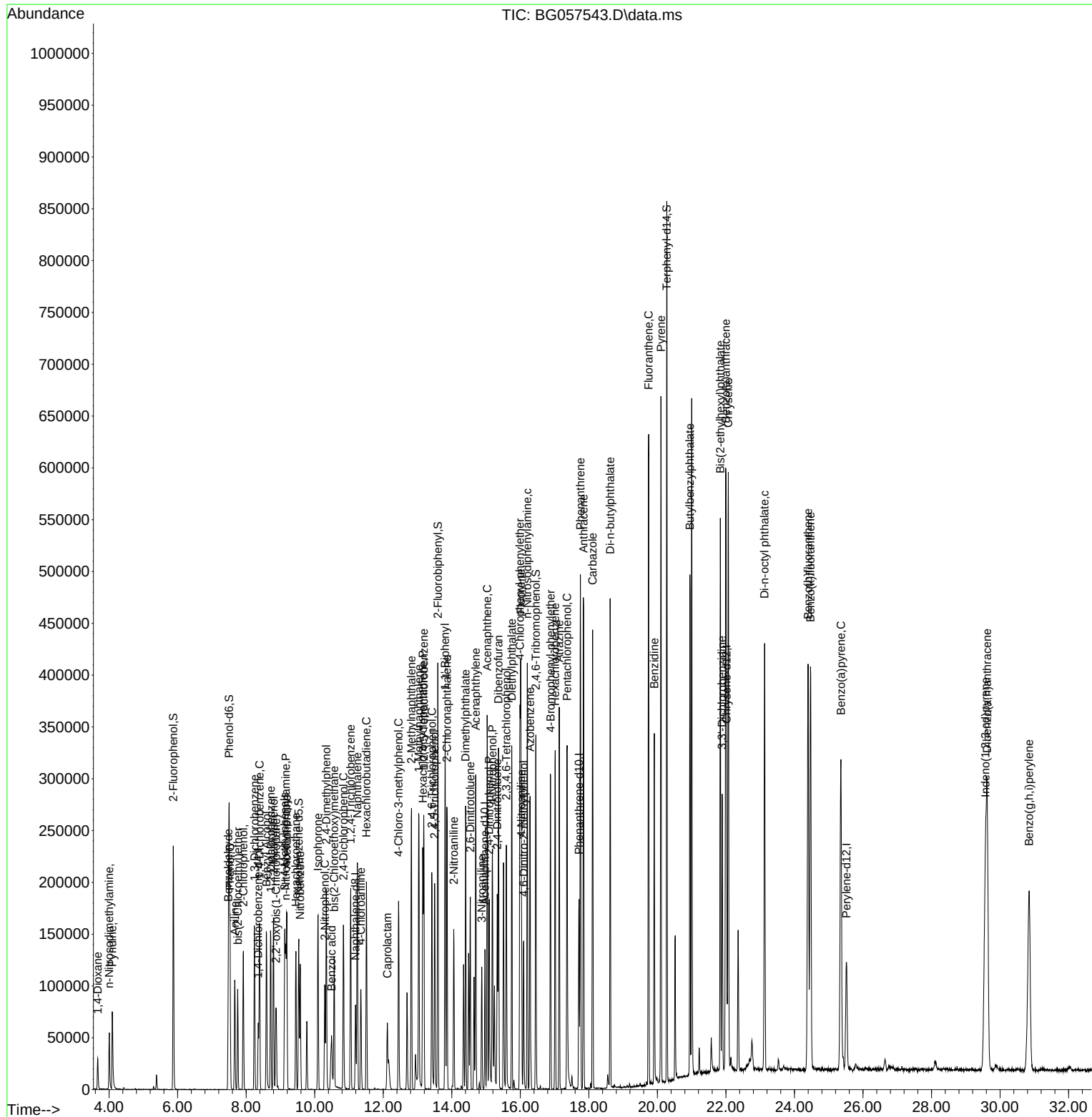
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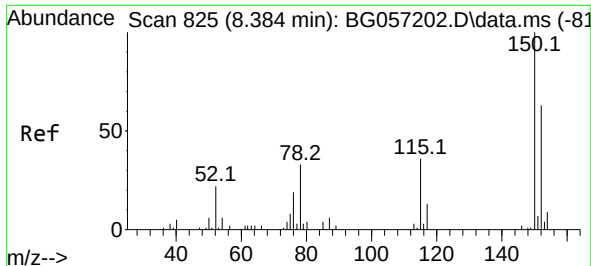
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ClientSampleId :
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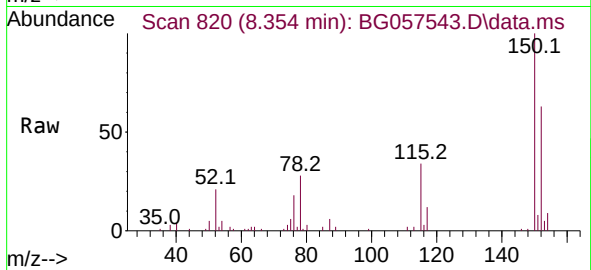
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.354 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

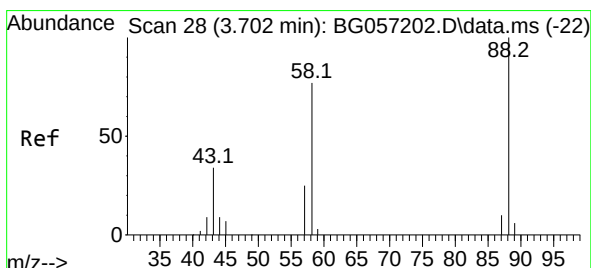
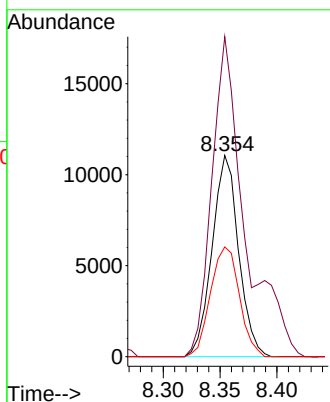
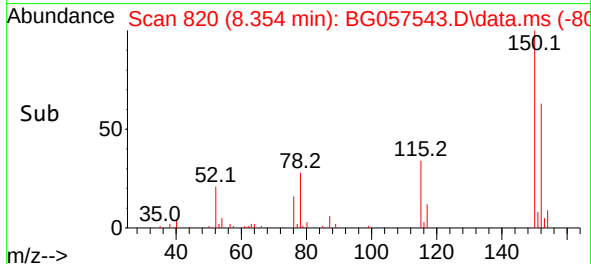
Instrument :
BNA_G
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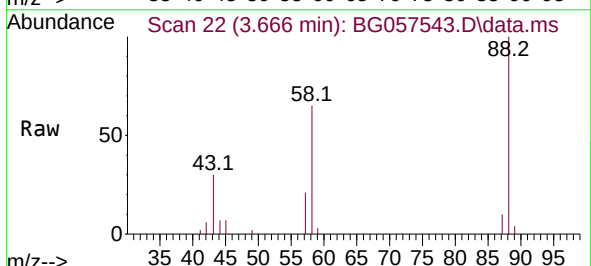
Tgt Ion:152 Resp: 1792
Ion Ratio Lower Upper
152 100
150 159.0 126.2 189.4
115 54.5 45.0 67.4

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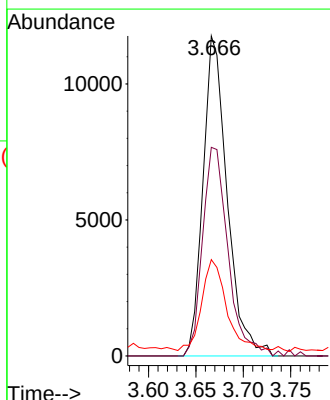
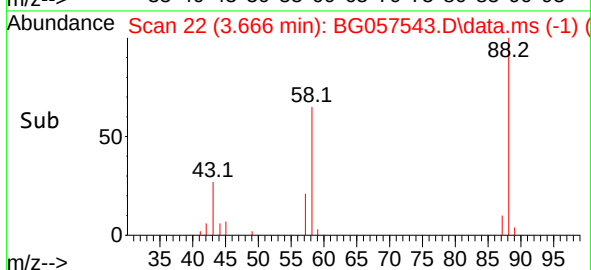
Reviewed By :Christian Giraldo 05/25/2023
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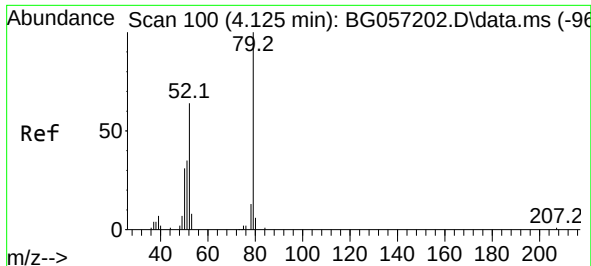


#2
1,4-Dioxane
Concen: 48.036 ng
RT: 3.666 min Scan# 22
Delta R.T. -0.006 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58



Tgt Ion: 88 Resp: 20810
Ion Ratio Lower Upper
88 100
58 69.1 57.1 85.7
43 29.1 24.4 36.6





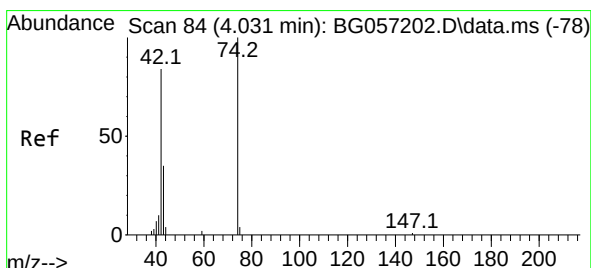
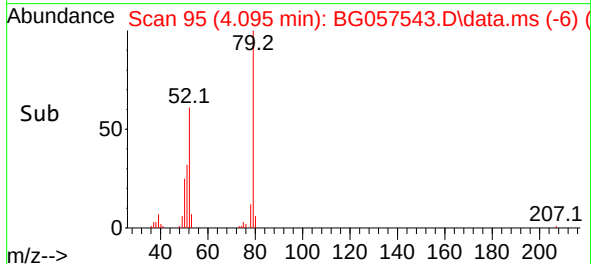
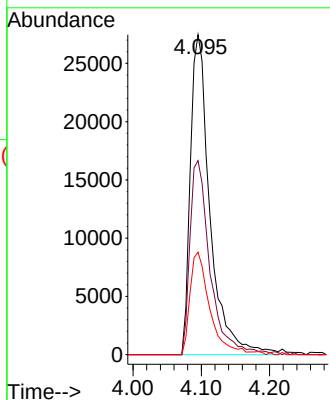
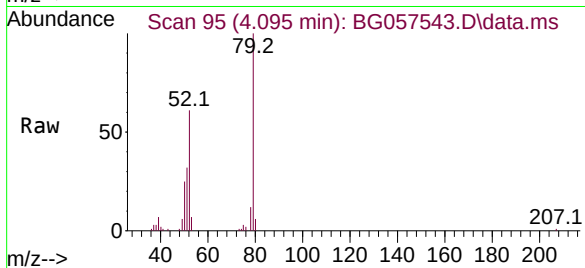
#3
Pyridine
Concen: 39.433 ng
RT: 4.095 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

Instrument :
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ClientSampleId :
SB08MSD

Tgt Ion: 79 Resp: 54900
Ion Ratio Lower Upper
79 100
52 60.6 51.4 77.0
51 32.0 28.0 42.0

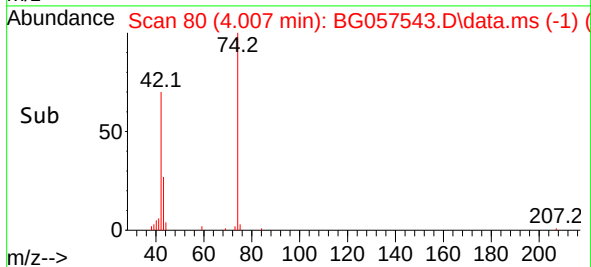
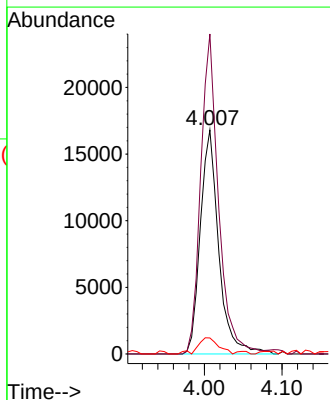
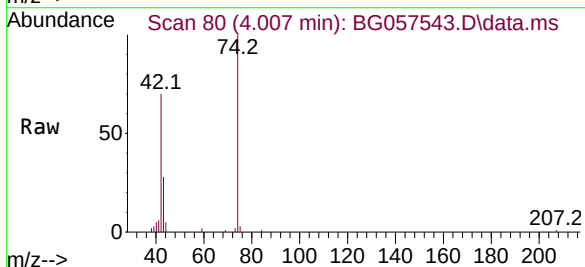
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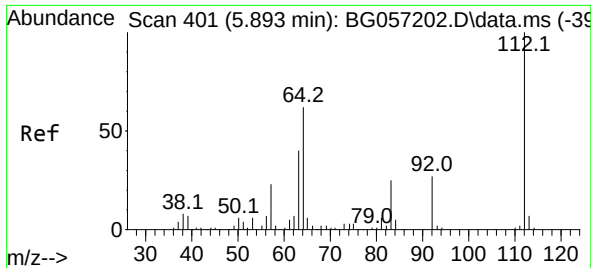
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#4
n-Nitrosodimethylamine
Concen: 42.390 ng
RT: 4.007 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

Tgt Ion: 42 Resp: 27734
Ion Ratio Lower Upper
42 100
74 142.8 95.1 142.7#
44 7.2 5.8 8.8





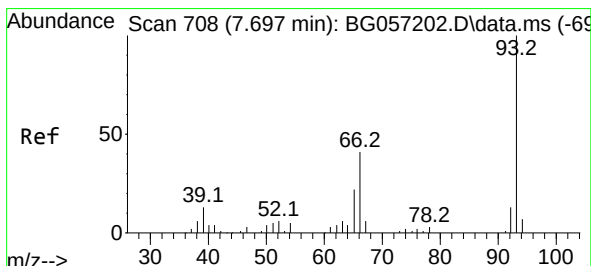
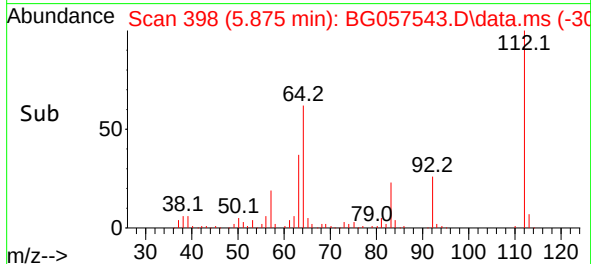
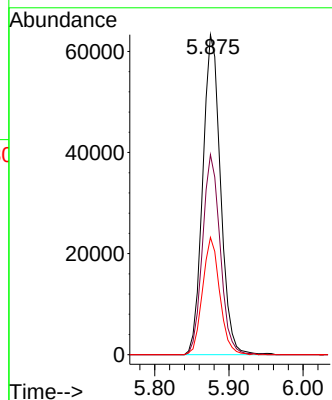
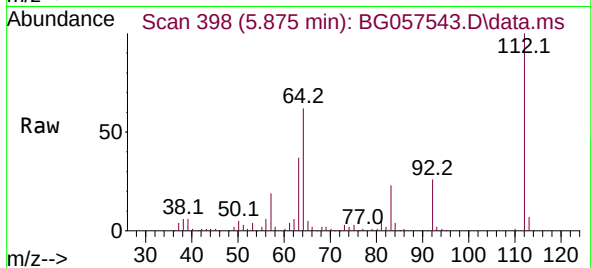
#5
2-Fluorophenol
Concen: 100.784 ng
RT: 5.875 min Scan# 398
Delta R.T. 0.000 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

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ClientSampleId :
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Tgt Ion:112 Resp: 10559
Ion Ratio Lower Upper
112 100
64 62.5 49.4 74.2
63 36.7 31.6 47.4

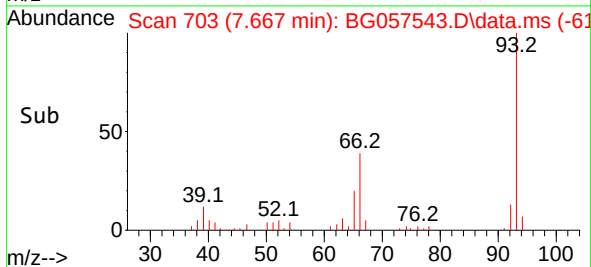
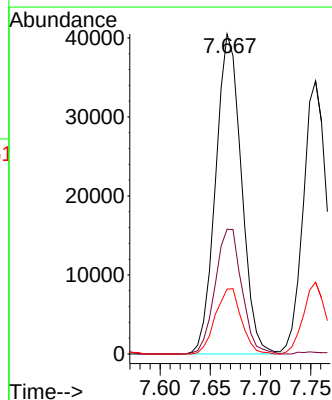
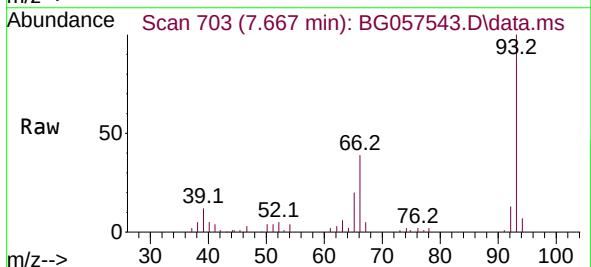
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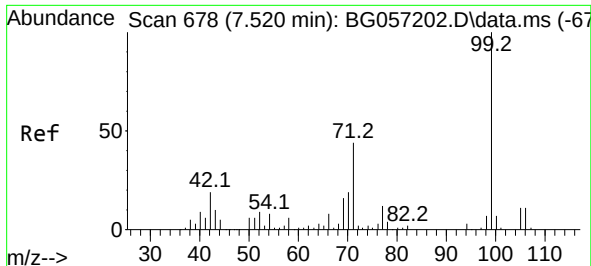
Reviewed By :Christian Giraldo 05/25/2023
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#6
Aniline
Concen: 35.758 ng
RT: 7.667 min Scan# 703
Delta R.T. -0.012 min
Lab File: BG057543.D
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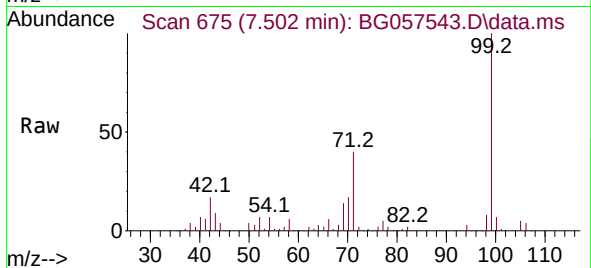
Tgt Ion: 93 Resp: 72174
Ion Ratio Lower Upper
93 100
66 39.0 33.0 49.6
65 20.2 18.0 27.0





#7
Phenol-d6
Concen: 95.632 ng
RT: 7.502 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

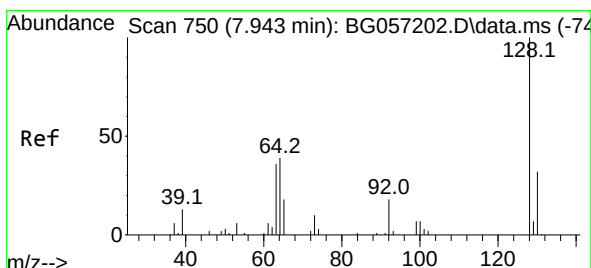
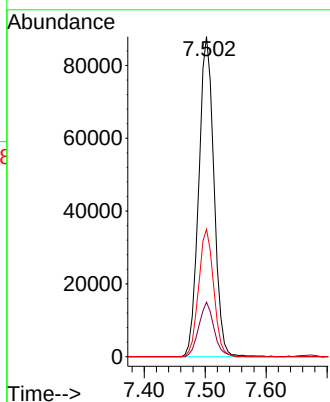
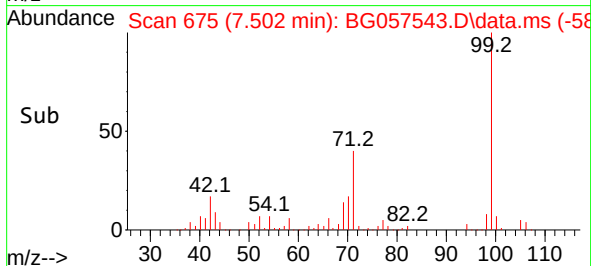
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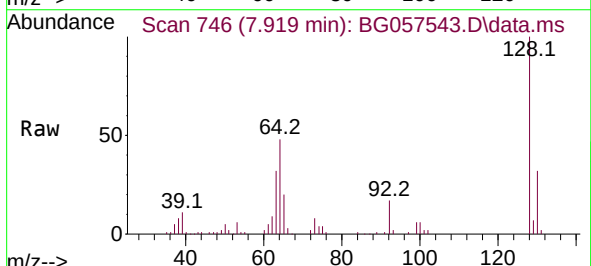
Tgt Ion: 99 Resp: 152150
Ion Ratio Lower Upper
99 100
42 17.0 15.1 22.7
71 39.9 35.2 52.8

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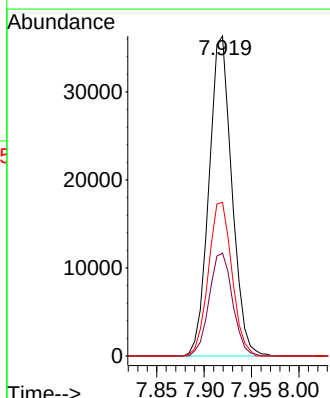
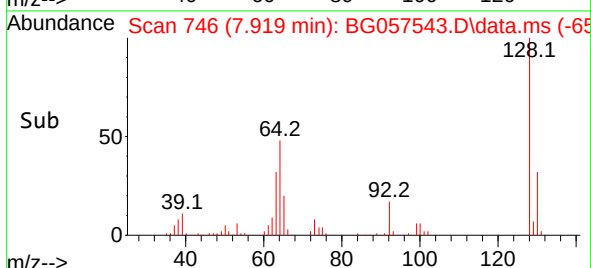
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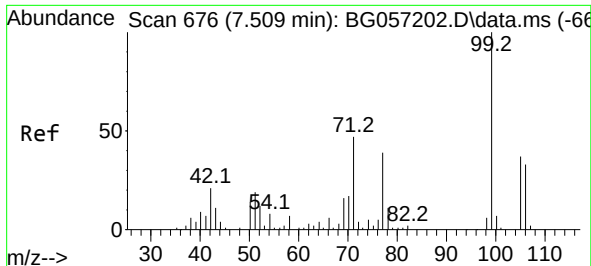


#8
2-Chlorophenol
Concen: 55.160 ng
RT: 7.919 min Scan# 746
Delta R.T. -0.006 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58



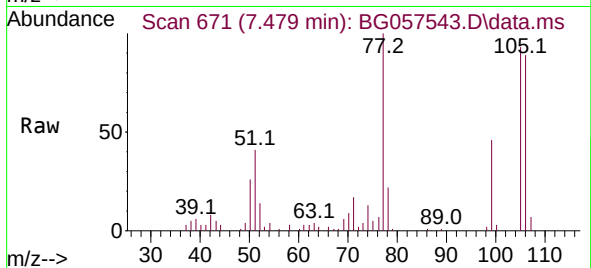
Tgt Ion:128 Resp: 61069
Ion Ratio Lower Upper
128 100
130 32.2 12.2 52.2
64 48.0 28.4 68.4





#9
Benzaldehyde
Concen: 52.991 ng
RT: 7.479 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

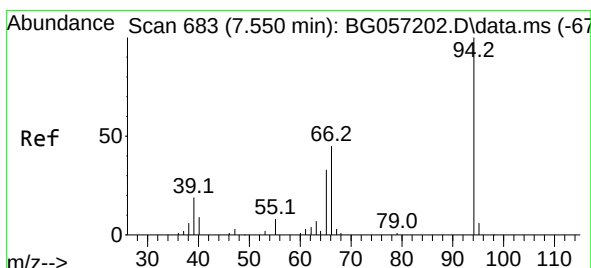
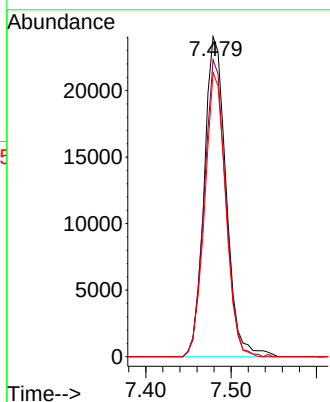
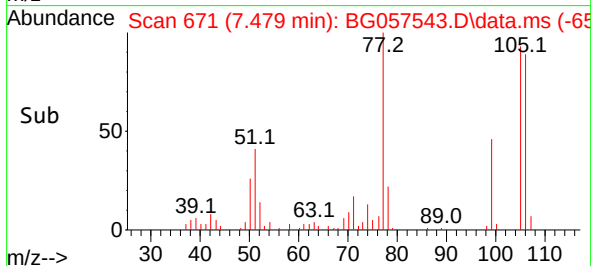
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Tgt Ion: 77 Resp: 42800
Ion Ratio Lower Upper
77 100
105 92.7 74.6 114.6
106 88.8 66.3 106.3

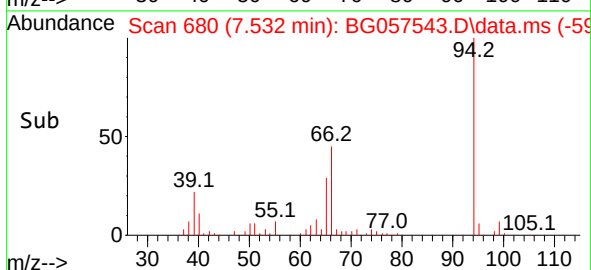
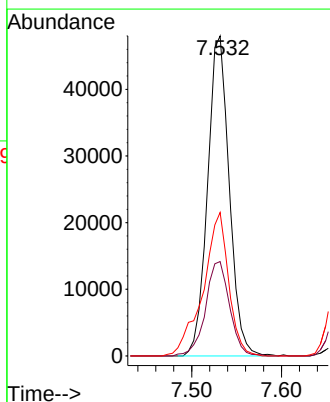
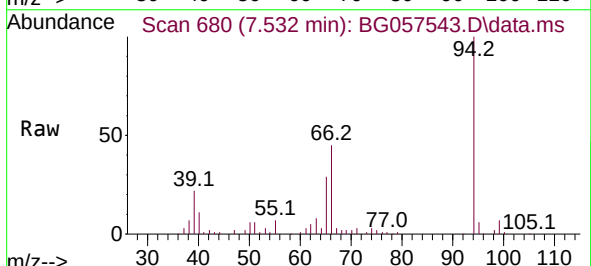
Manual Integrations
APPROVED

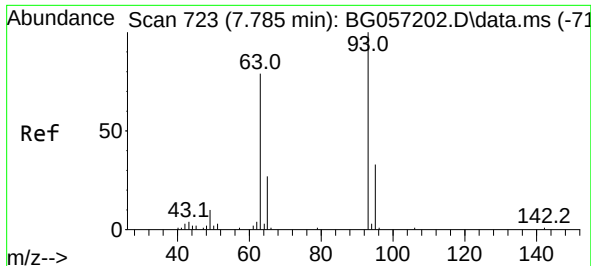
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#10
Phenol
Concen: 51.904 ng
RT: 7.532 min Scan# 680
Delta R.T. -0.006 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

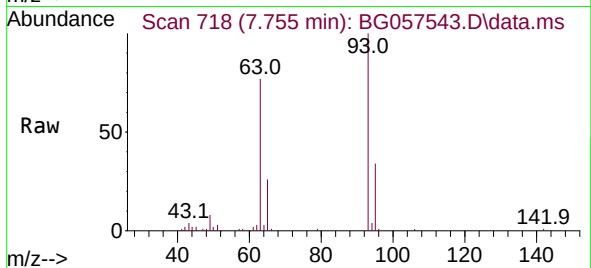
Tgt Ion: 94 Resp: 80503
Ion Ratio Lower Upper
94 100
65 29.5 13.5 53.5
66 44.9 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 48.245 ng
RT: 7.755 min Scan# 718
Delta R.T. -0.006 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

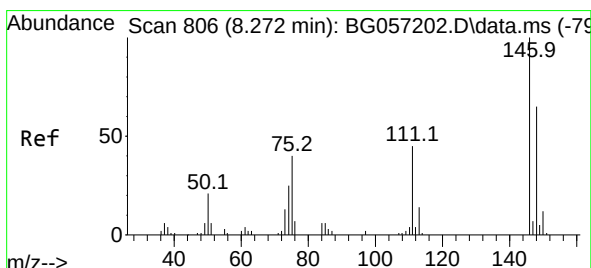
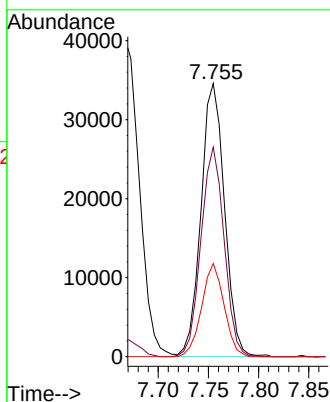
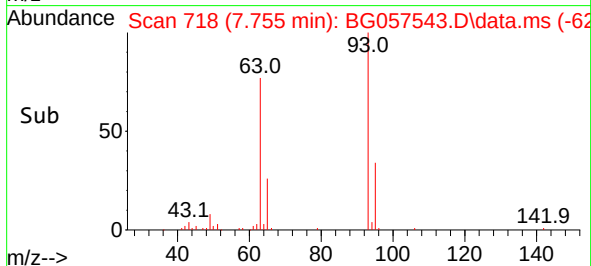
Instrument :
BNA_G
ClientSampleId :
SB08MSD



Tgt Ion: 93 Resp: 56429
Ion Ratio Lower Upper
93 100
63 76.7 58.6 98.6
95 34.1 12.2 52.2

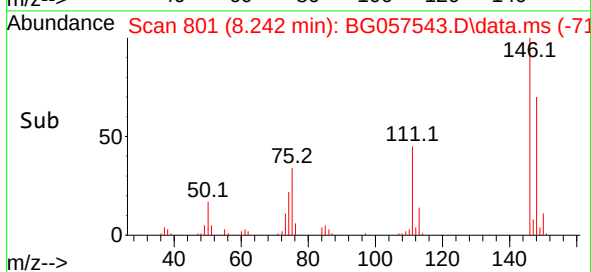
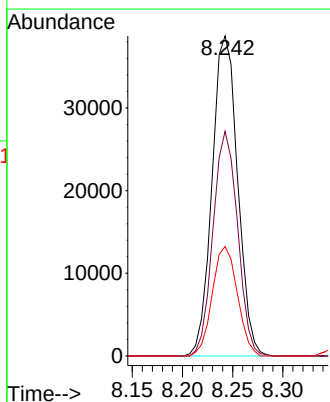
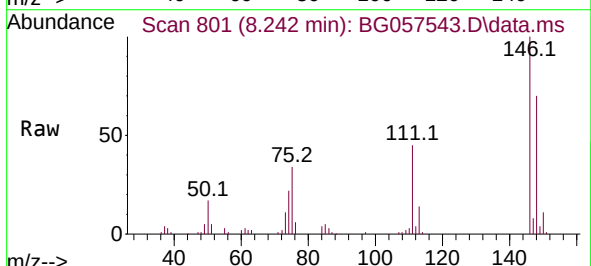
Manual Integrations
APPROVED

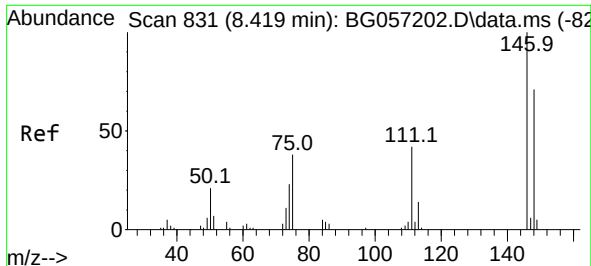
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#12
1,3-Dichlorobenzene
Concen: 56.056 ng
RT: 8.242 min Scan# 801
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

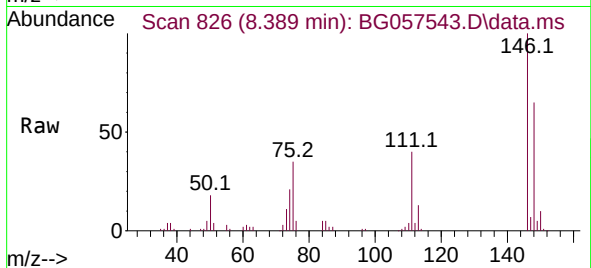
Tgt Ion:146 Resp: 68497
Ion Ratio Lower Upper
146 100
148 70.2 52.2 78.2
75 34.2 31.7 47.5





#13
1,4-Dichlorobenzene
Concen: 55.376 ng
RT: 8.389 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

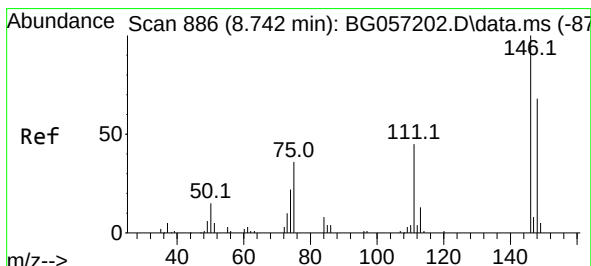
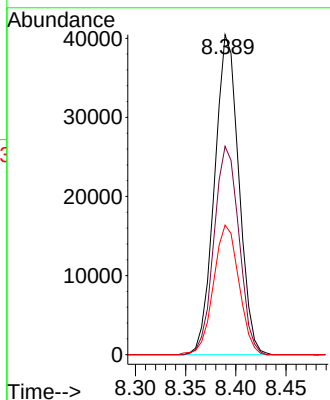
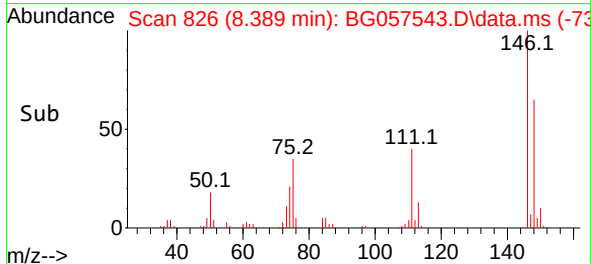
Instrument :
BNA_G
ClientSampleId :
SB08MSD



Tgt Ion:146 Resp: 6796
Ion Ratio Lower Upper
146 100
148 65.1 56.4 84.6
111 40.5 33.8 50.6

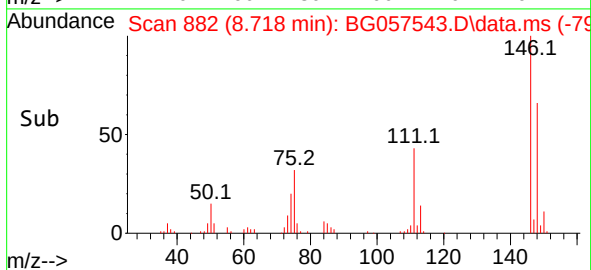
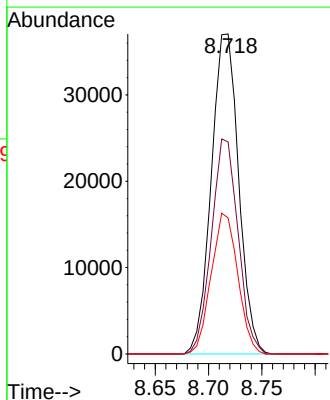
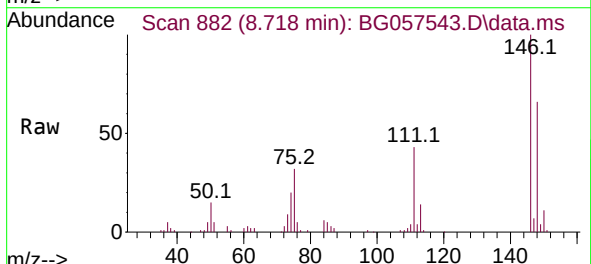
Manual Integrations
APPROVED

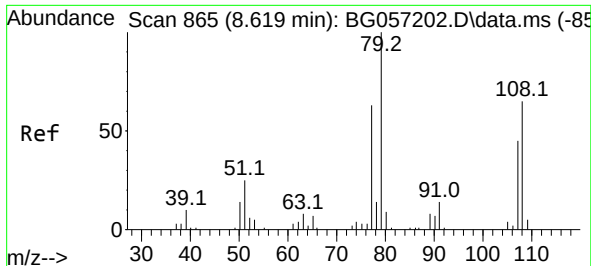
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#14
1,2-Dichlorobenzene
Concen: 55.824 ng
RT: 8.718 min Scan# 882
Delta R.T. -0.006 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

Tgt Ion:146 Resp: 66146
Ion Ratio Lower Upper
146 100
148 66.3 54.6 82.0
111 42.5 37.2 55.8





#15
Benzyl Alcohol
Concen: 47.405 ng
RT: 8.589 min Scan# 80
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

Instrument :

BNA_G

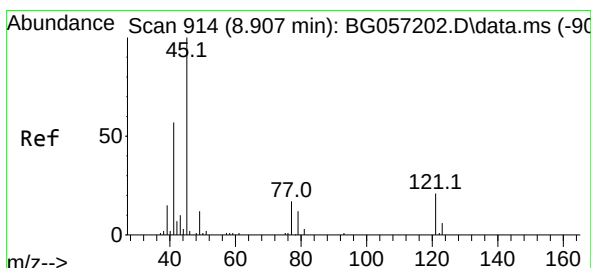
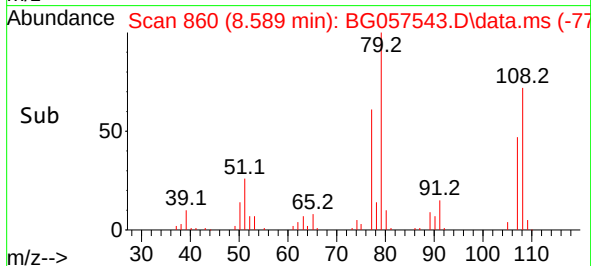
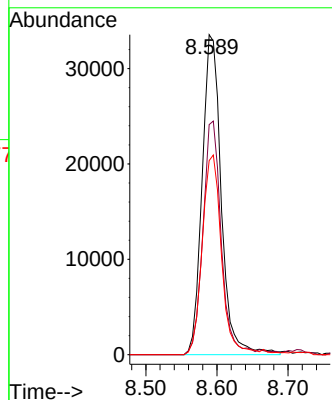
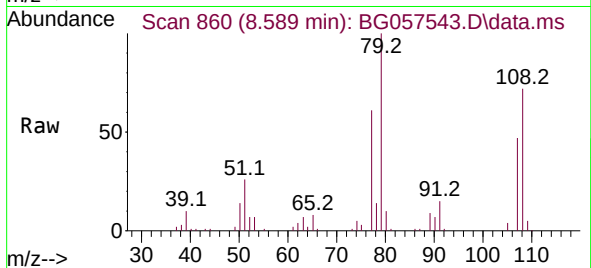
ClientSampleId :

SB08MSD

Tgt Ion: 79 Resp: 62834
Ion Ratio Lower Upper
79 100
108 71.9 52.2 78.2
77 60.6 50.1 75.1

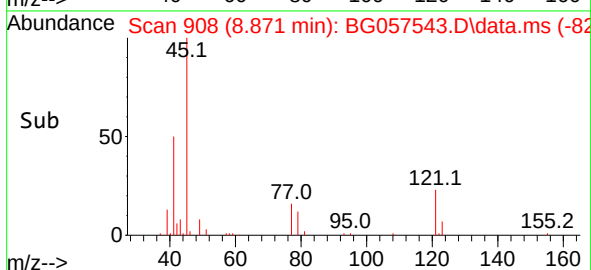
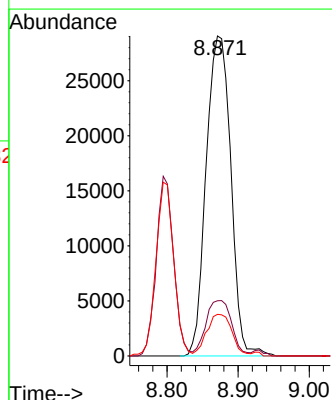
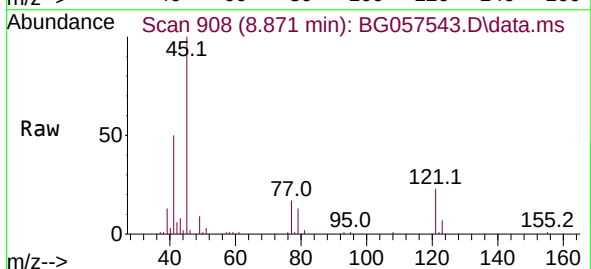
Manual Integrations
APPROVED

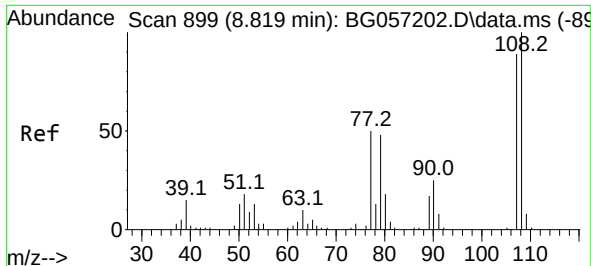
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.557 ng
RT: 8.871 min Scan# 908
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

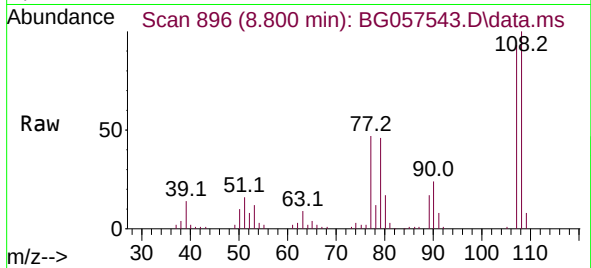
Tgt Ion: 45 Resp: 70104
Ion Ratio Lower Upper
45 100
77 17.3 0.0 38.5
79 13.0 0.0 33.8





#17
2-Methylphenol
Concen: 48.296 ng
RT: 8.800 min Scan# 899
Delta R.T. -0.006 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

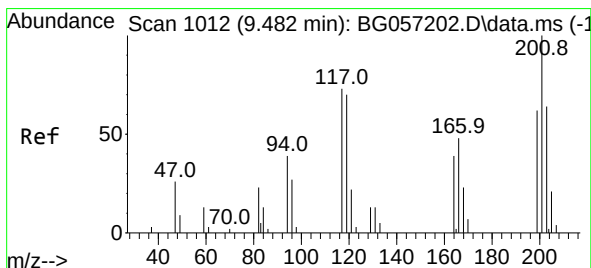
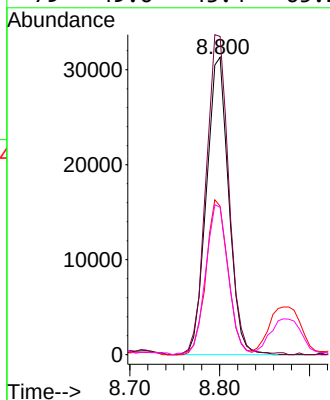
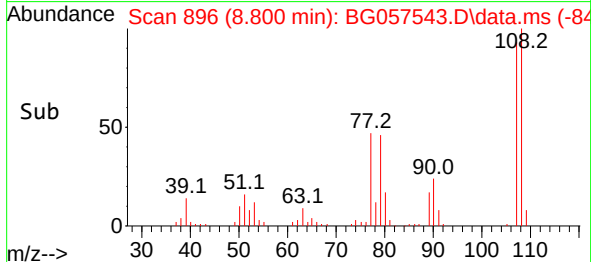
Instrument :
BNA_G
ClientSampleId :
SB08MSD



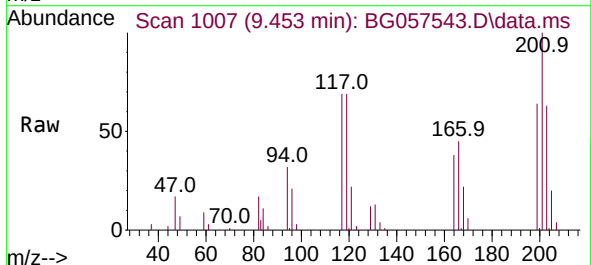
Tgt Ion:107 Resp: 5399
Ion Ratio Lower Upper
107 100
108 107.0 89.5 134.3
77 49.9 45.1 67.7
79 49.6 43.4 65.2

Manual Integrations
APPROVED

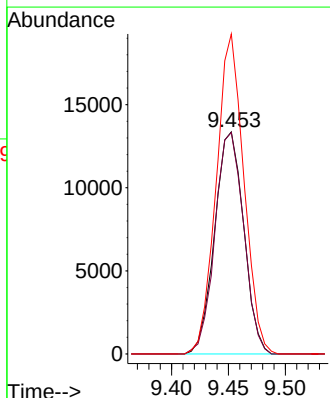
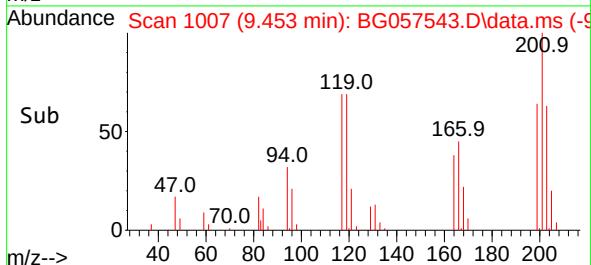
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

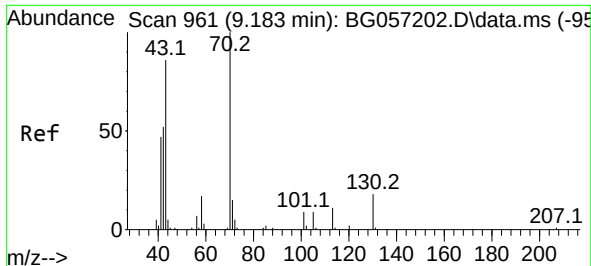


#18
Hexachloroethane
Concen: 53.468 ng
RT: 9.453 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58



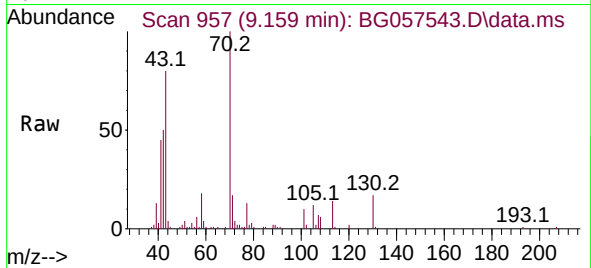
Tgt Ion:117 Resp: 23683
Ion Ratio Lower Upper
117 100
119 99.7 76.7 115.1
201 144.1 109.0 163.4





#19
n-Nitroso-di-n-propylamine
Concen: 40.841 ng
RT: 9.159 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

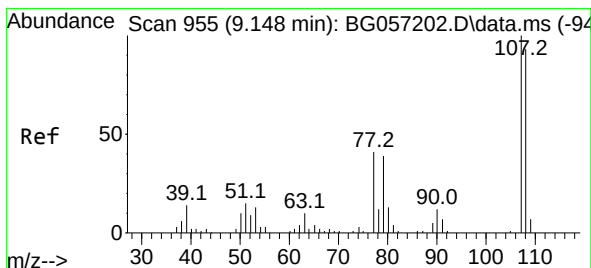
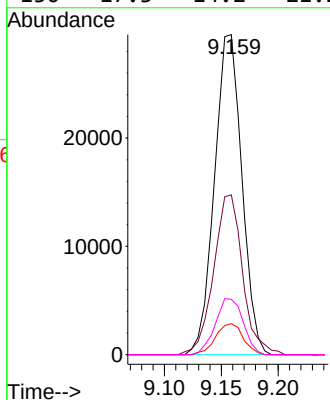
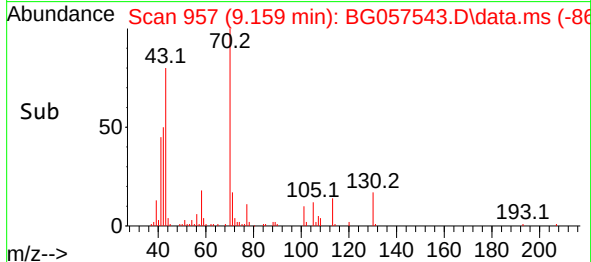
Instrument :
BNA_G
ClientSampleId :
SB08MSD



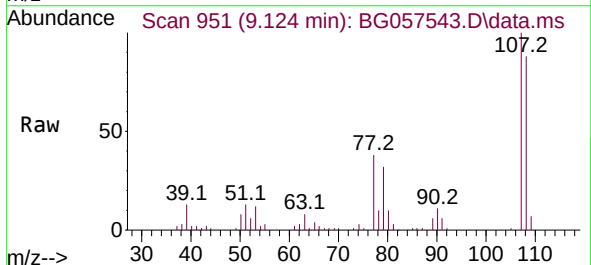
Tgt Ion: 70 Resp: 49549
Ion Ratio Lower Upper
70 100
42 50.0 41.8 62.8
101 9.7 6.8 10.2
130 17.3 14.2 21.2

Manual Integrations
APPROVED

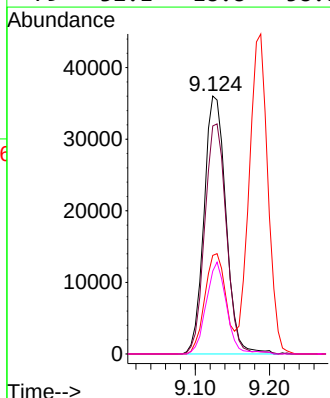
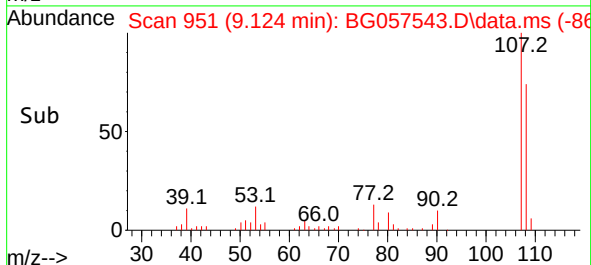
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

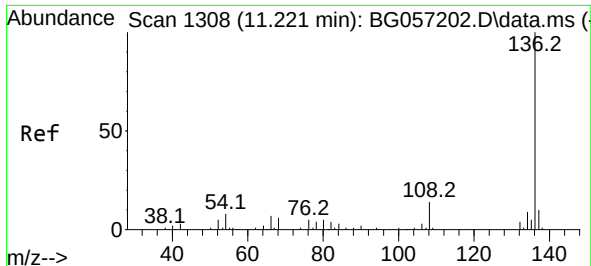


#20
3+4-Methylphenols
Concen: 48.305 ng
RT: 9.124 min Scan# 951
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58



Tgt Ion:107 Resp: 73950
Ion Ratio Lower Upper
107 100
108 88.4 73.5 113.5
77 38.2 21.1 61.1
79 32.1 18.8 58.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 111
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

Instrument :

BNA_G

ClientSampleId :

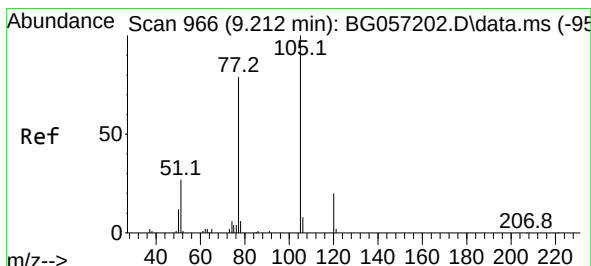
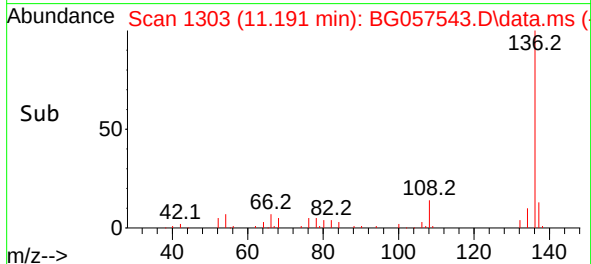
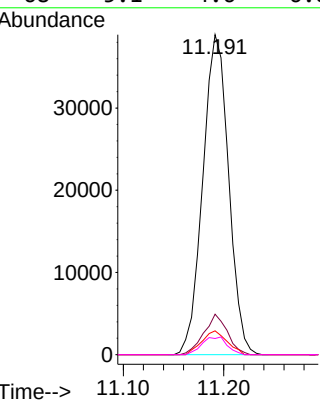
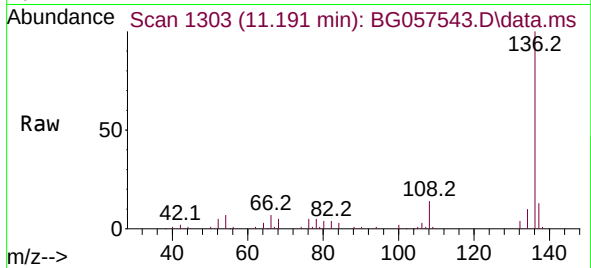
SB08MSD

Tgt Ion:136 Resp: 69600
Ion Ratio Lower Upper
136 100
137 12.7 8.3 12.5
54 7.4 6.7 10.1
68 5.1 4.6 6.8

Manual Integrations

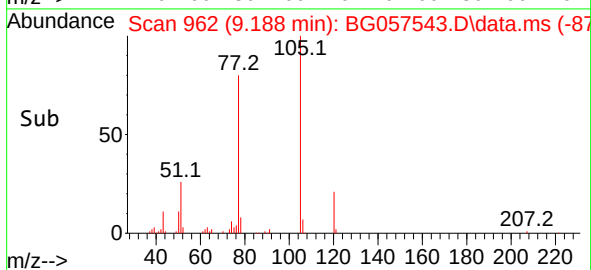
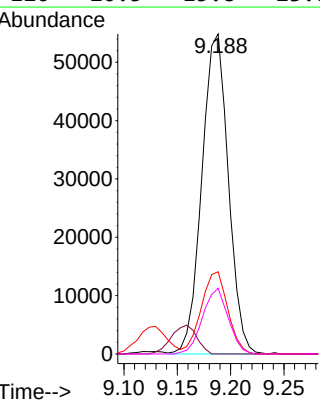
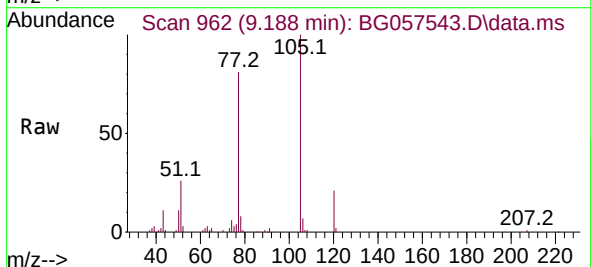
APPROVED

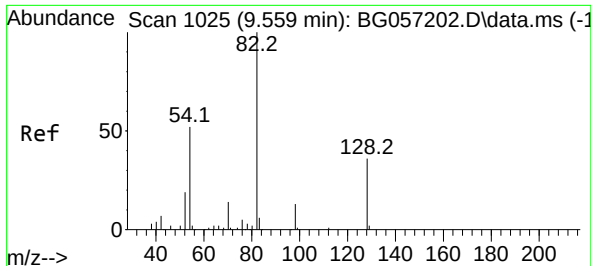
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#22
Acetophenone
Concen: 47.515 ng
RT: 9.188 min Scan# 962
Delta R.T. -0.006 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

Tgt Ion:105 Resp: 94661
Ion Ratio Lower Upper
105 100
71 0.0 0.4 0.6#
51 25.7 24.0 36.0
120 20.5 15.8 23.8





#23

Nitrobenzene-d5

Concen: 57.184 ng

RT: 9.535 min Scan# 1021

Delta R.T. -0.012 min

Lab File: BG057543.D

Acq: 24 May 2023 20:58

Instrument :

BNA_G

ClientSampleId :

SB08MSD

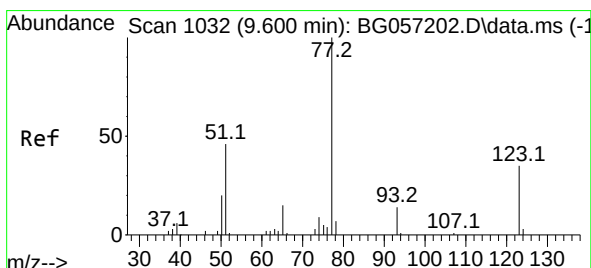
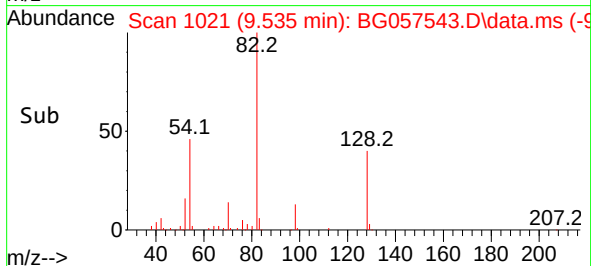
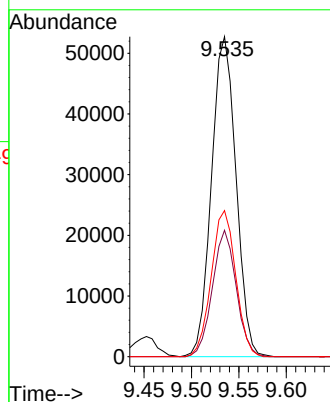
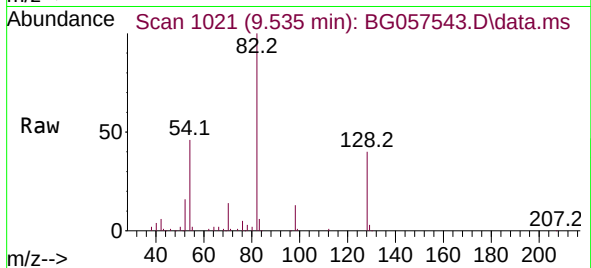
Tgt Ion:	82	Resp:	94830
Ion Ratio	Lower	Upper	
82	100		
128	39.5	29.0	43.4
54	45.6	41.4	62.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#24

Nitrobenzene

Concen: 45.088 ng

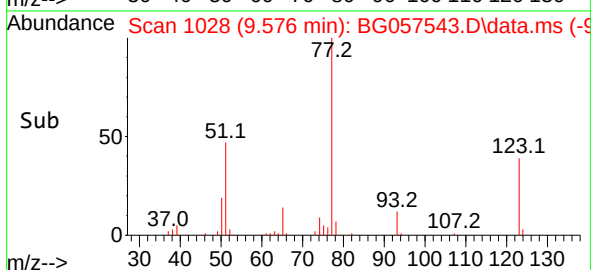
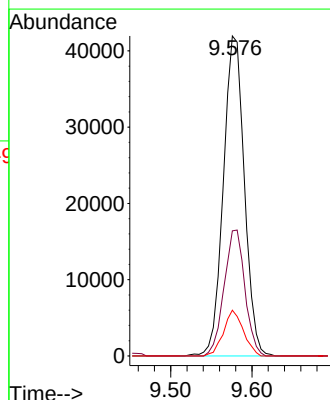
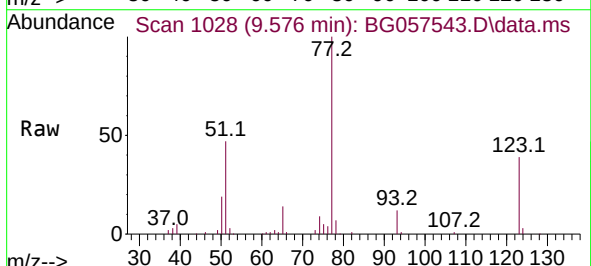
RT: 9.576 min Scan# 1028

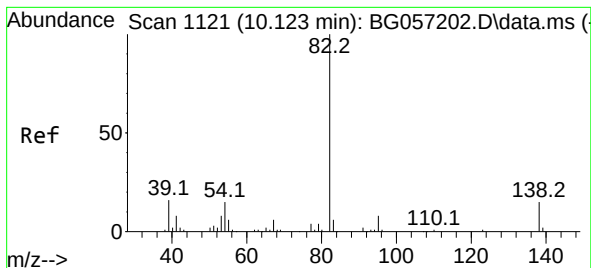
Delta R.T. -0.012 min

Lab File: BG057543.D

Acq: 24 May 2023 20:58

Tgt Ion:	77	Resp:	75472
Ion Ratio	Lower	Upper	
77	100		
123	39.1	28.2	42.2
65	14.3	11.7	17.5





#25

Isophorone

Concen: 40.995 ng

RT: 10.099 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BG057543.D

Acq: 24 May 2023 20:58

Instrument :

BNA_G

ClientSampleId :

SB08MSD

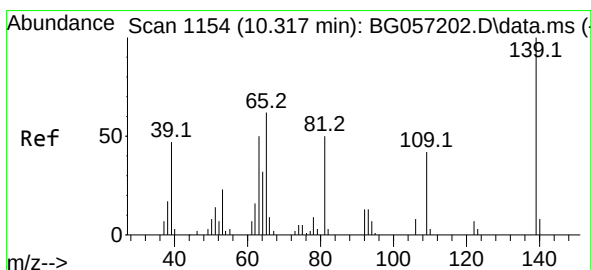
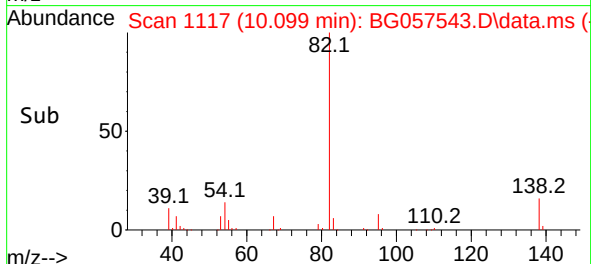
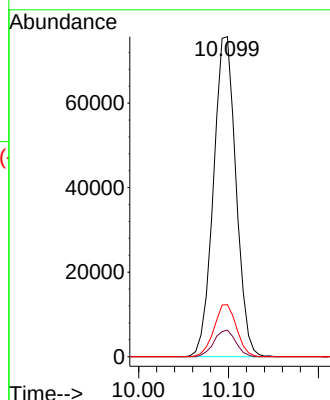
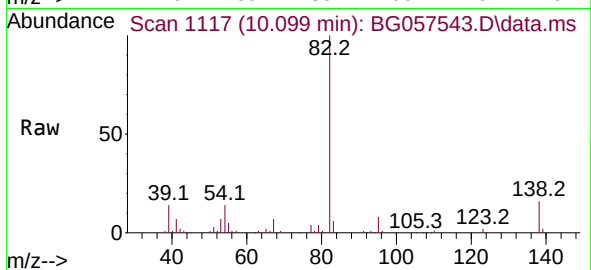
Tgt Ion: 82 Resp: 131830

Ion	Ratio	Lower	Upper
82	100		
95	8.3	6.4	9.6
138	16.3	12.3	18.5

Manual Integrations

APPROVED

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



#26

2-Nitrophenol

Concen: 53.315 ng

RT: 10.298 min Scan# 1151

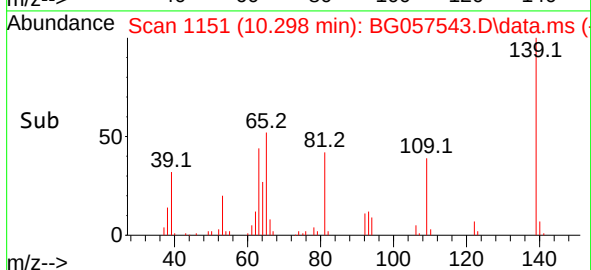
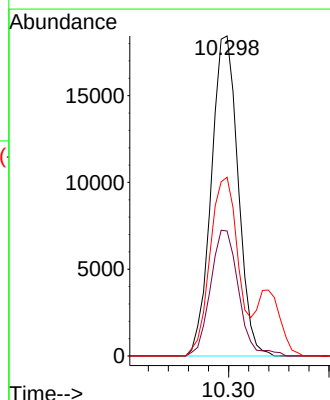
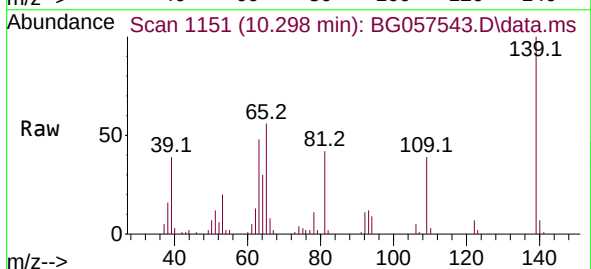
Delta R.T. -0.006 min

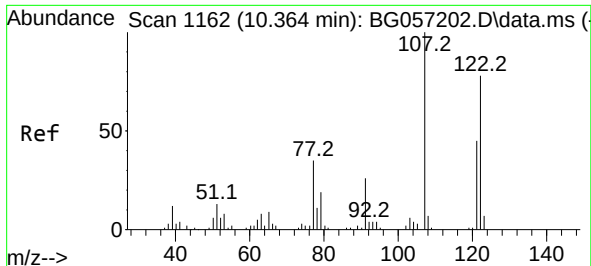
Lab File: BG057543.D

Acq: 24 May 2023 20:58

Tgt Ion:139 Resp: 34160

Ion	Ratio	Lower	Upper
139	100		
109	39.0	33.4	50.2
65	55.8	49.8	74.6





#27

2,4-Dimethylphenol

Concen: 53.198 ng

RT: 10.340 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BG057543.D

Acq: 24 May 2023 20:58

Instrument :

BNA_G

ClientSampleId :

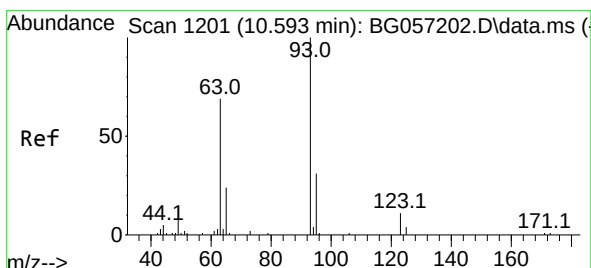
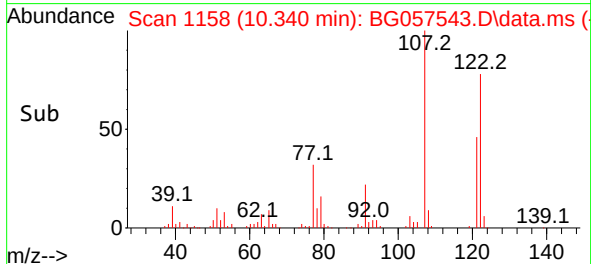
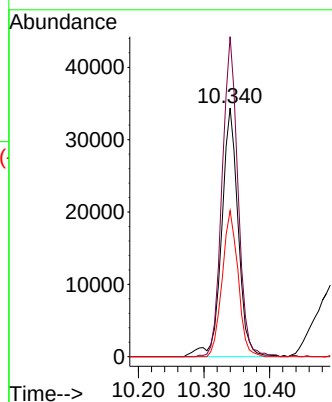
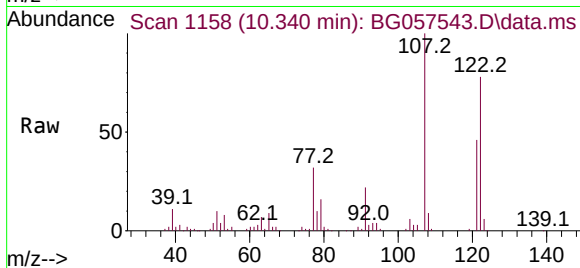
SB08MSD

Tgt Ion:	122	Resp:	5968
Ion	Ratio	Lower	Upper
122	100		
107	128.7	103.0	154.4
121	58.7	45.9	68.9

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 46.373 ng

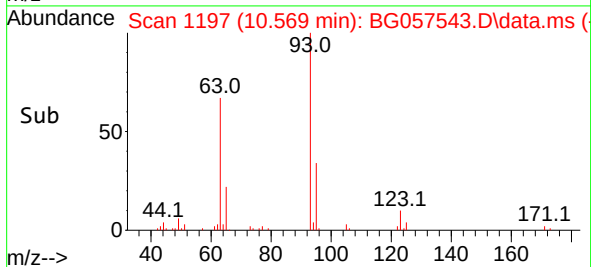
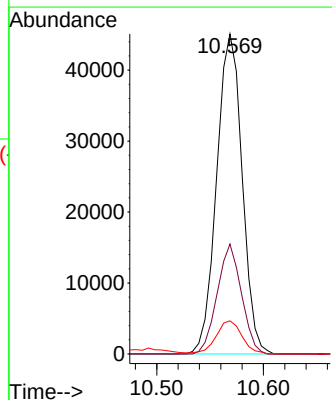
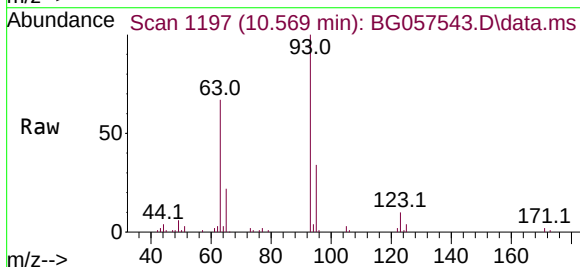
RT: 10.569 min Scan# 1197

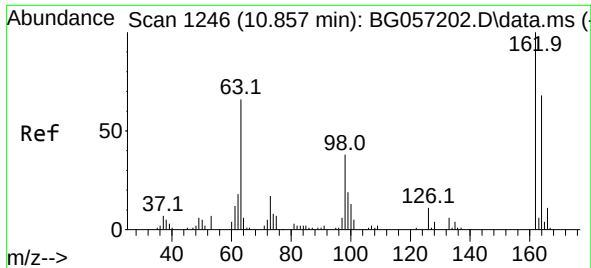
Delta R.T. -0.012 min

Lab File: BG057543.D

Acq: 24 May 2023 20:58

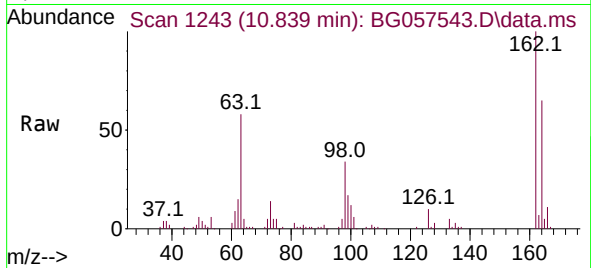
Tgt Ion:	93	Resp:	74711
Ion	Ratio	Lower	Upper
93	100		
95	34.3	25.0	37.6
123	10.4	8.5	12.7





#29
2,4-Dichlorophenol
Concen: 53.586 ng
RT: 10.839 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

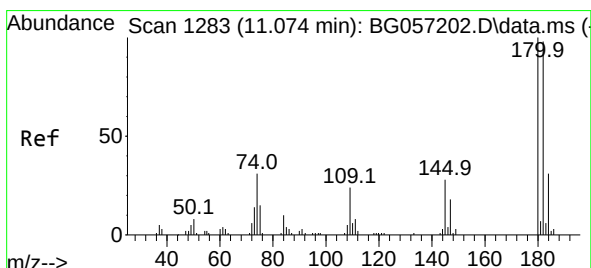
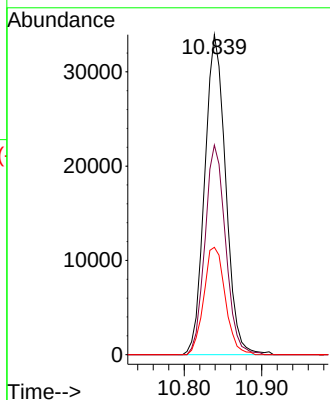
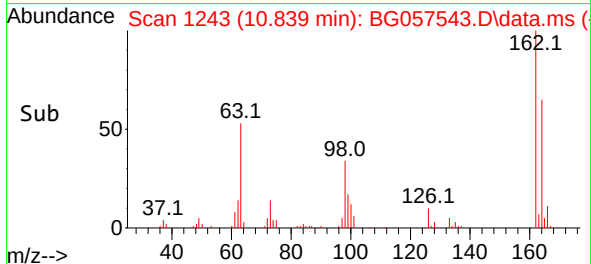
Instrument :
BNA_G
ClientSampleId :
SB08MSD



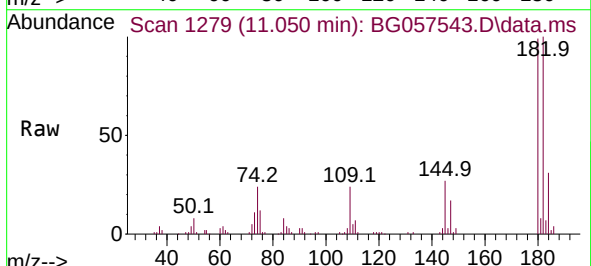
Tgt Ion:162 Resp: 63764
Ion Ratio Lower Upper
162 100
164 65.5 48.4 88.4
98 33.6 17.6 57.6

Manual Integrations
APPROVED

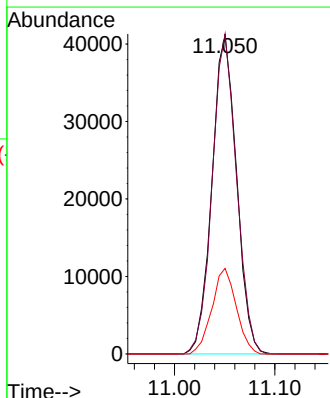
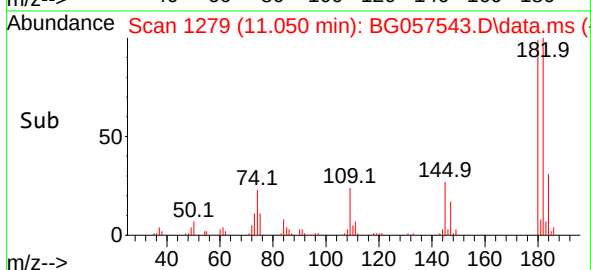
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

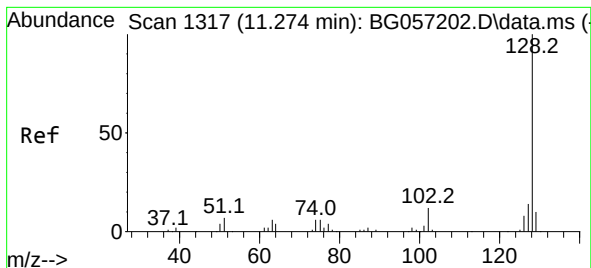


#30
1,2,4-Trichlorobenzene
Concen: 51.077 ng
RT: 11.050 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58



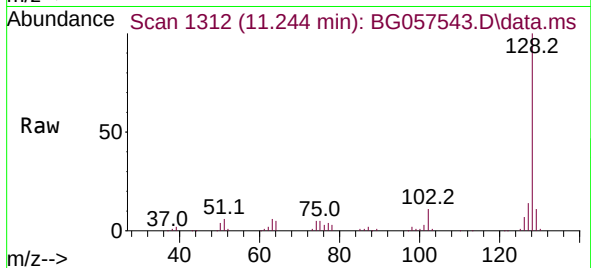
Tgt Ion:180 Resp: 70103
Ion Ratio Lower Upper
180 100
182 100.6 78.0 117.0
145 26.9 22.4 33.6





#31
Naphthalene
Concen: 49.288 ng
RT: 11.244 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

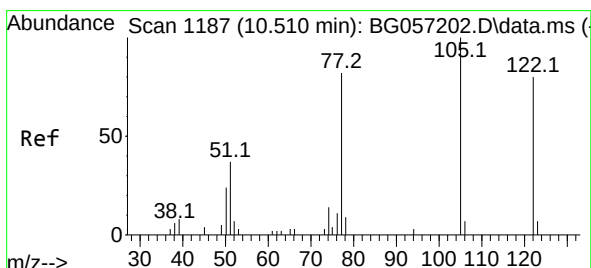
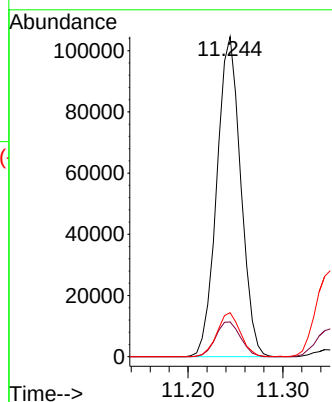
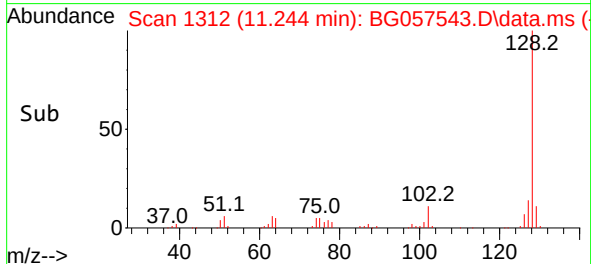
Instrument :
BNA_G
ClientSampleId :
SB08MSD



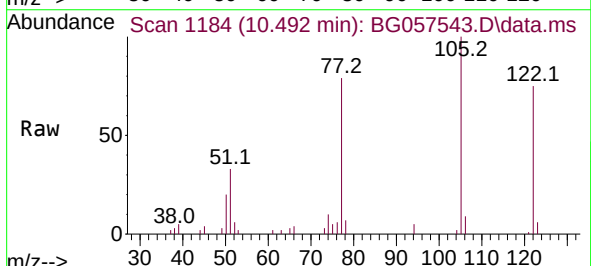
Tgt Ion:128 Resp: 18341
Ion Ratio Lower Upper
128 100
129 10.8 8.3 12.5
127 13.8 11.1 16.7

Manual Integrations
APPROVED

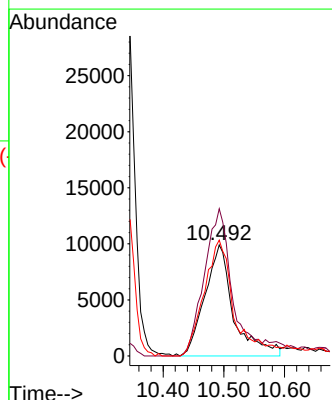
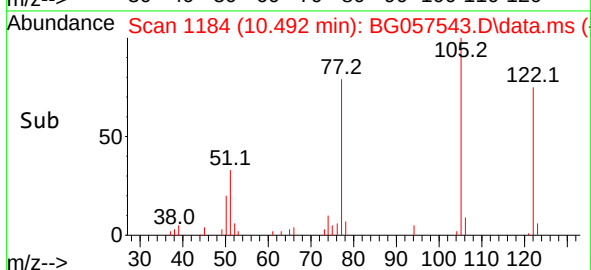
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

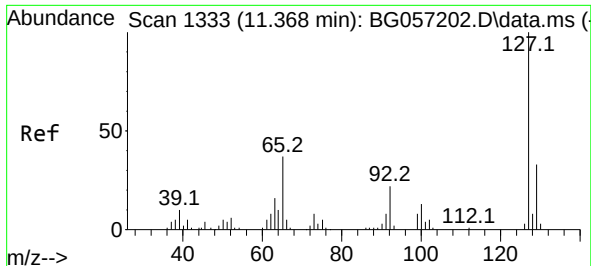


#32
Benzoic acid
Concen: 50.044 ng m
RT: 10.492 min Scan# 1184
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58



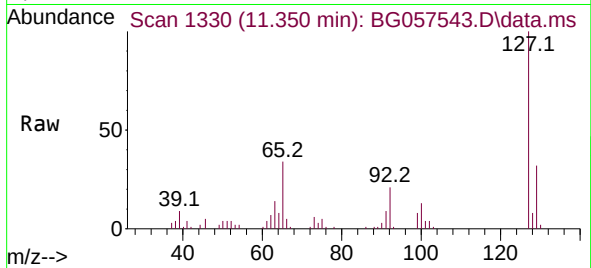
Tgt Ion:122 Resp: 32520
Ion Ratio Lower Upper
122 100
105 132.6 105.2 145.2
77 104.3 83.1 123.1





#33
4-Chloroaniline
Concen: 32.679 ng
RT: 11.350 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

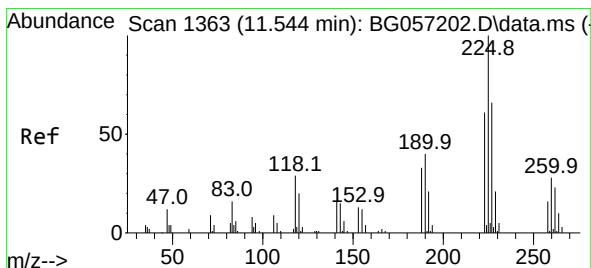
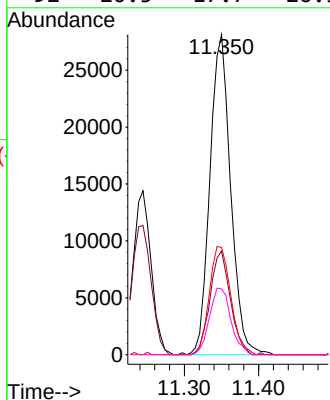
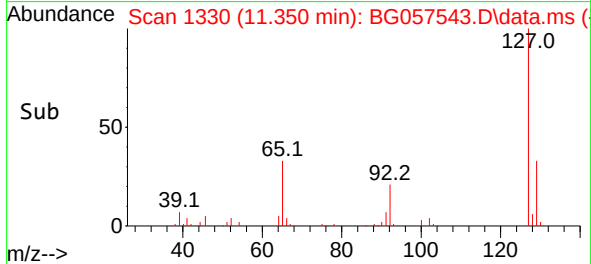
Instrument :
BNA_G
ClientSampleId :
SB08MSD



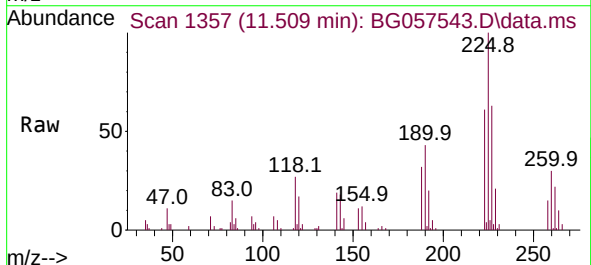
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.7	40.1
65	33.5	29.7	44.5
92	20.5	17.7	26.5

Manual Integrations
APPROVED

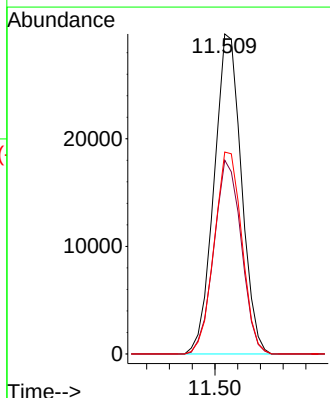
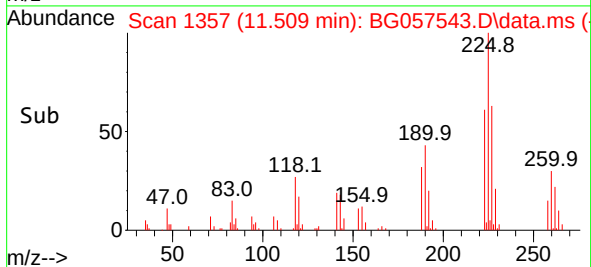
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

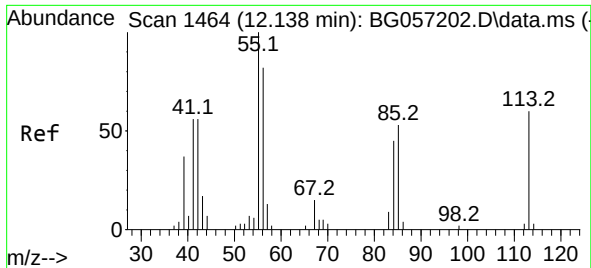


#34
Hexachlorobutadiene
Concen: 48.655 ng
RT: 11.509 min Scan# 1357
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58



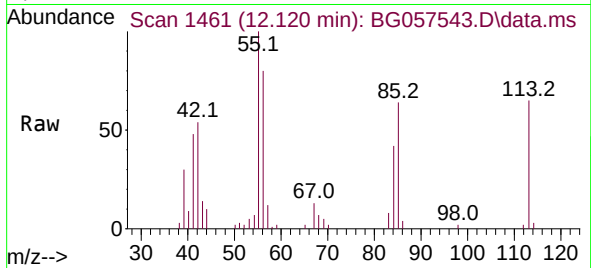
Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	48.6	72.8
227	63.1	52.7	79.1





#35
Caprolactam
Concen: 51.457 ng m
RT: 12.120 min Scan# 1461
Delta R.T. -0.018 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

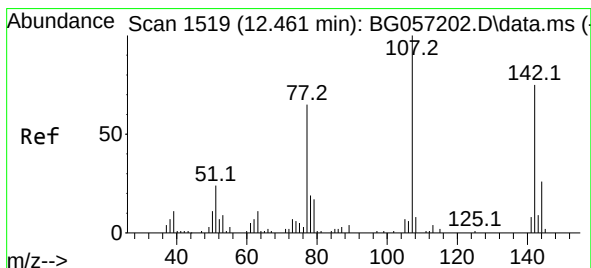
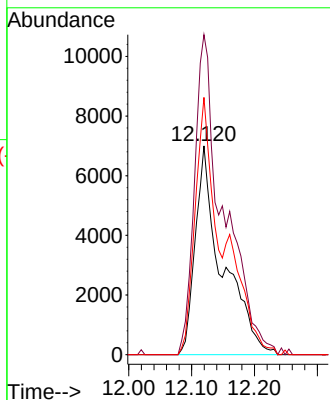
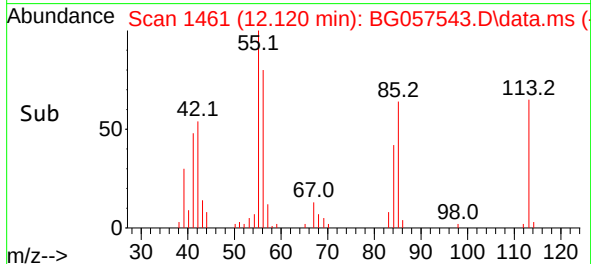
Instrument :
BNA_G
ClientSampleId :
SB08MSD



Tgt Ion:113 Resp: 20910
Ion Ratio Lower Upper
113 100
55 153.2 145.5 185.5
56 123.2 115.9 155.9

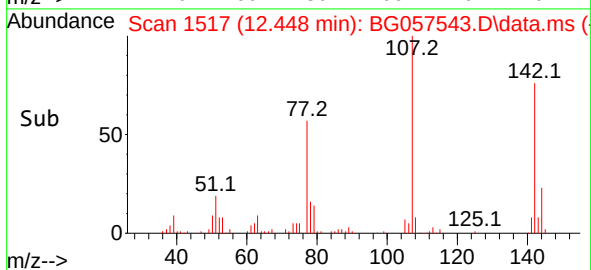
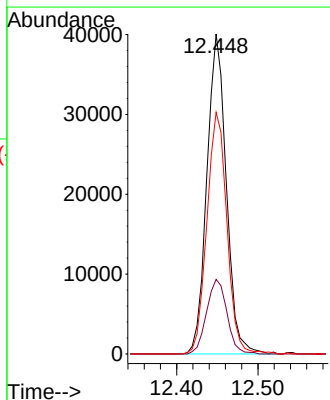
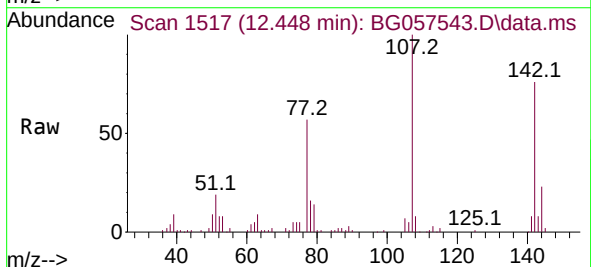
Manual Integrations
APPROVED

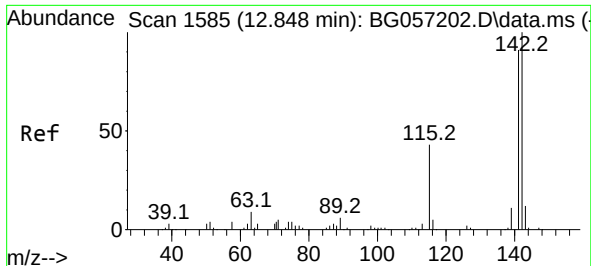
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#36
4-Chloro-3-methylphenol
Concen: 49.204 ng
RT: 12.448 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

Tgt Ion:107 Resp: 66537
Ion Ratio Lower Upper
107 100
144 23.3 21.0 31.6
142 75.5 60.0 90.0





#37
2-Methylnaphthalene
Concen: 45.861 ng
RT: 12.824 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

Instrument :

BNA_G

ClientSampleId :

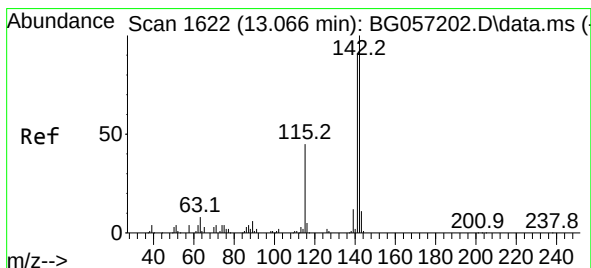
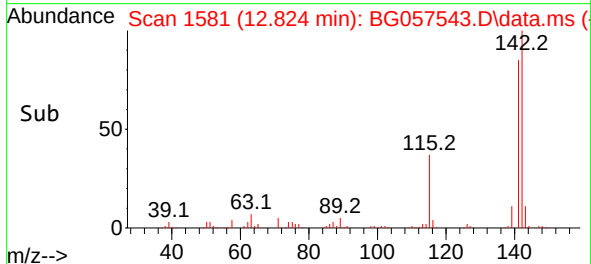
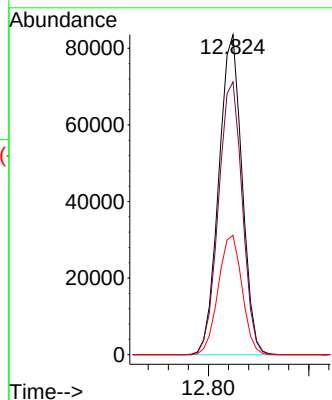
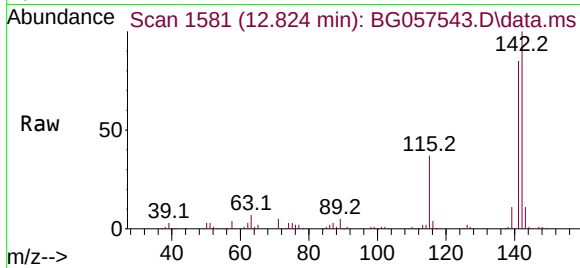
SB08MSD

Tgt Ion:142 Resp: 134178
Ion Ratio Lower Upper
142 100
141 85.2 73.1 109.7
115 37.3 34.6 52.0

Manual Integrations

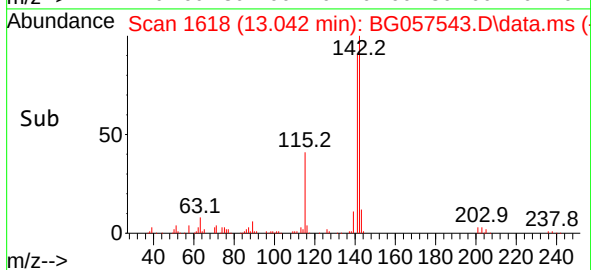
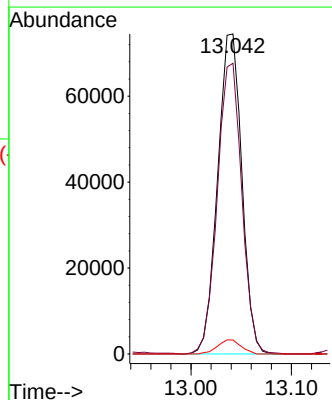
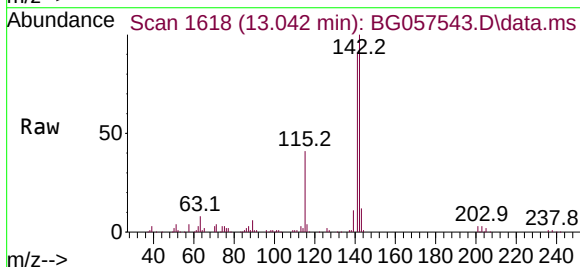
APPROVED

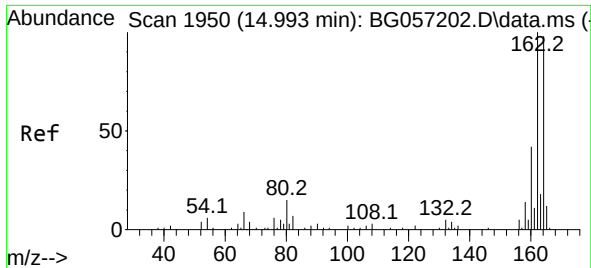
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#38
1-Methylnaphthalene
Concen: 45.182 ng
RT: 13.042 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

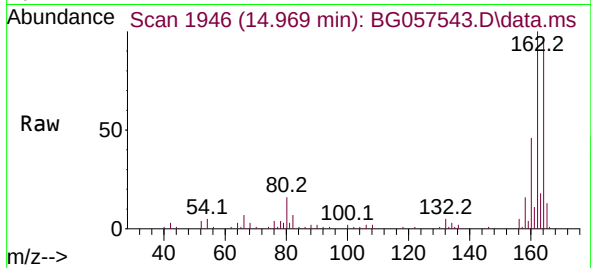
Tgt Ion:142 Resp: 124599
Ion Ratio Lower Upper
142 100
141 90.9 72.5 108.7
116 4.4 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.969 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

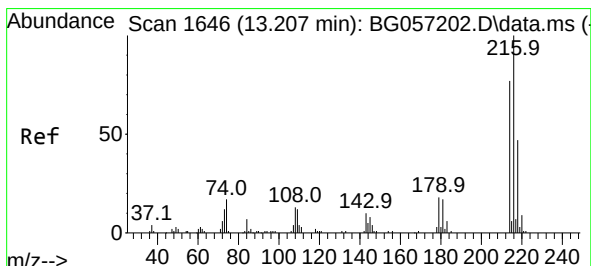
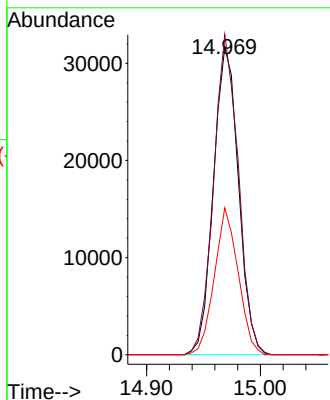
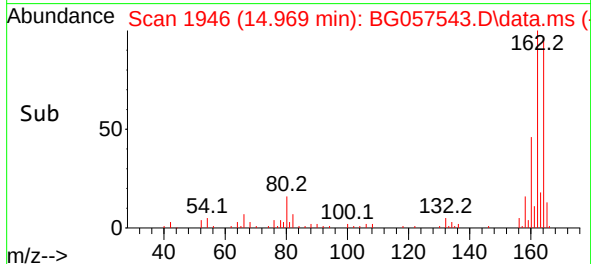
Instrument :
BNA_G
ClientSampleId :
SB08MSD



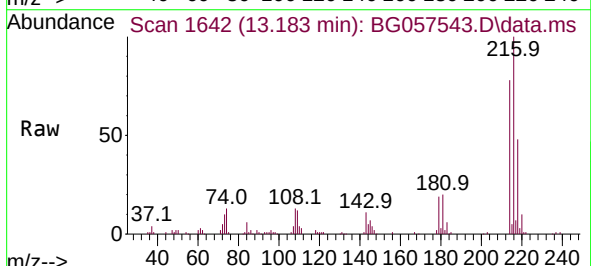
Tgt Ion:164 Resp: 48549
Ion Ratio Lower Upper
164 100
162 104.0 81.8 122.6
160 47.7 34.6 52.0

Manual Integrations
APPROVED

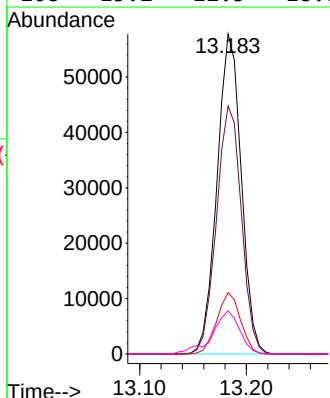
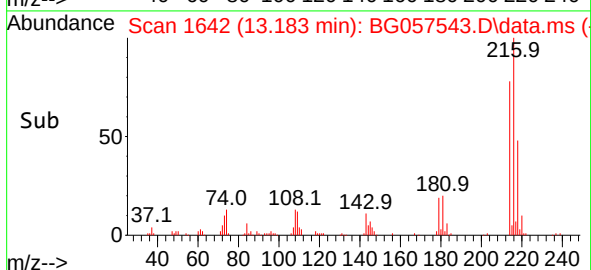
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

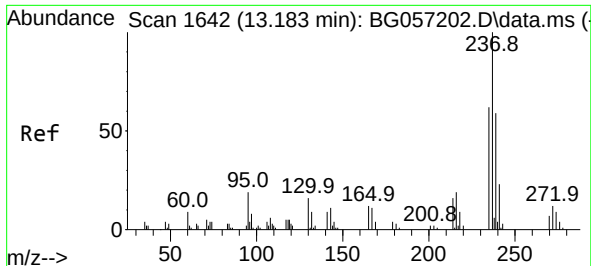


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.704 ng
RT: 13.183 min Scan# 1642
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58



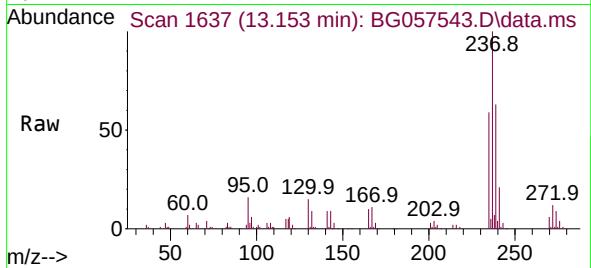
Tgt Ion:216 Resp: 90829
Ion Ratio Lower Upper
216 100
214 79.8 63.7 95.5
179 18.8 14.6 22.0
108 15.2 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 84.513 ng
RT: 13.153 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

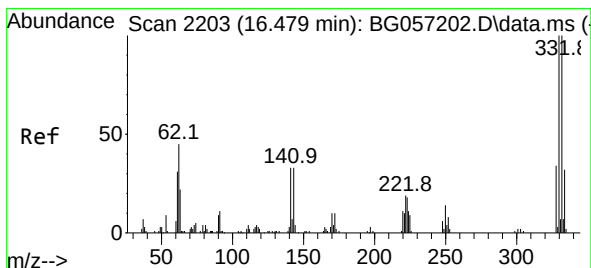
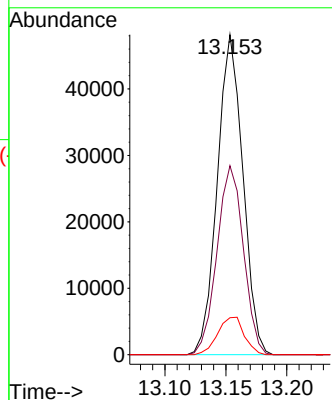
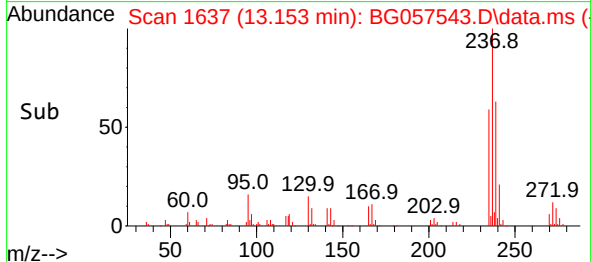
Instrument :
BNA_G
ClientSampleId :
SB08MSD



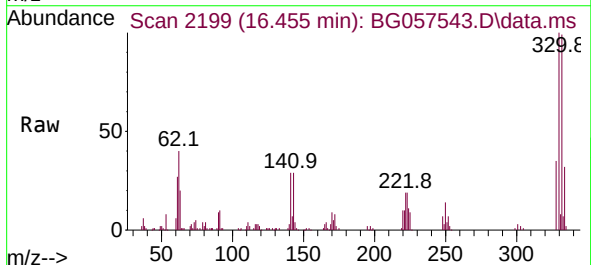
Tgt Ion:237 Resp: 70328
Ion Ratio Lower Upper
237 100
235 59.1 42.0 82.0
272 11.5 0.0 31.5

Manual Integrations
APPROVED

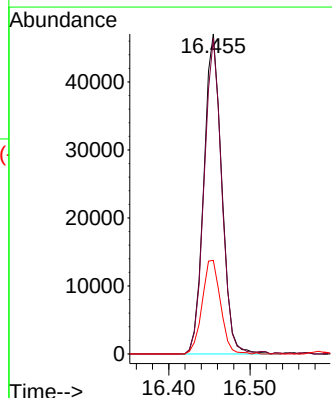
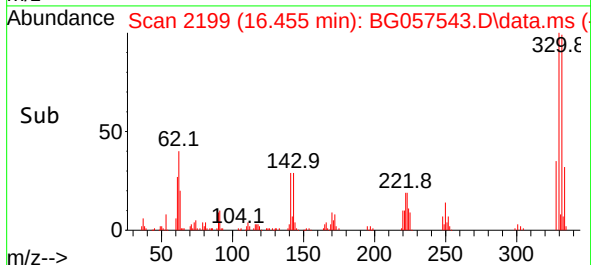
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

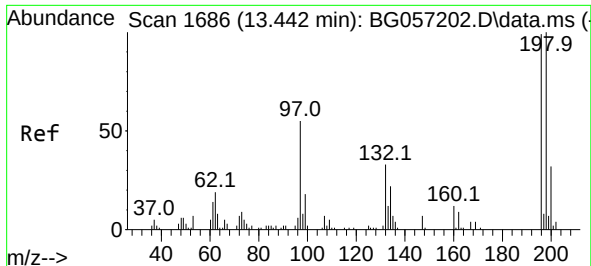


#42
2,4,6-Tribromophenol
Concen: 104.076 ng
RT: 16.455 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58



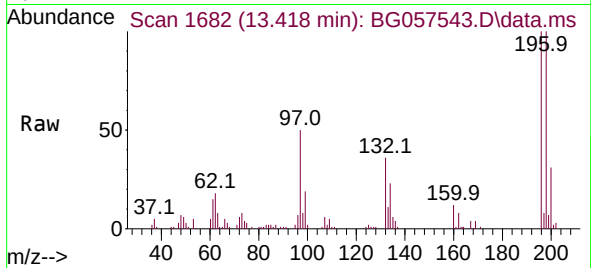
Tgt Ion:330 Resp: 71688
Ion Ratio Lower Upper
330 100
332 97.3 78.2 117.2
141 30.2 27.8 41.8





#43
2,4,6-Trichlorophenol
Concen: 53.502 ng
RT: 13.418 min Scan# 1682
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

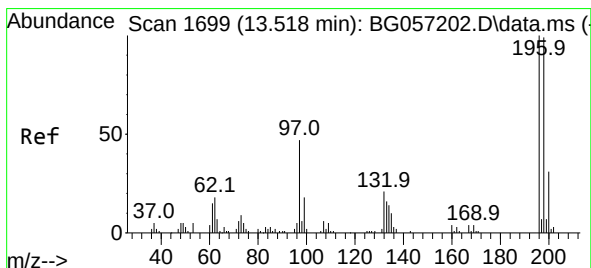
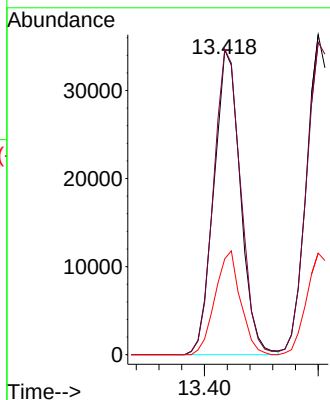
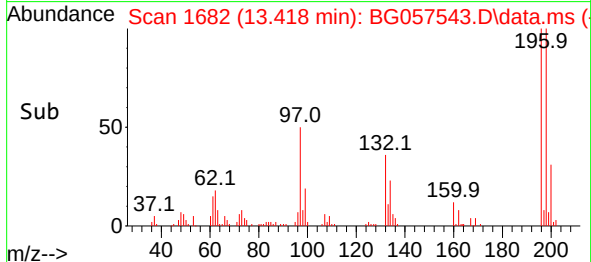
Instrument :
BNA_G
ClientSampleId :
SB08MSD



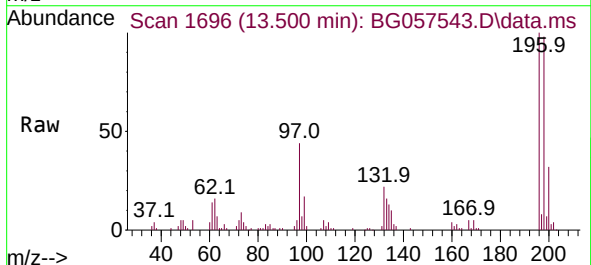
Tgt Ion:196 Resp: 56174
Ion Ratio Lower Upper
196 100
198 100.3 81.2 121.8
200 31.5 26.3 39.5

Manual Integrations
APPROVED

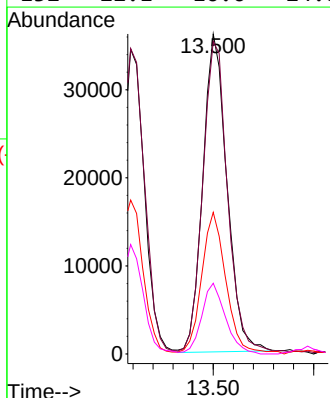
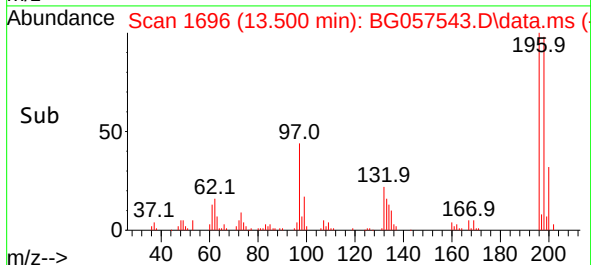
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

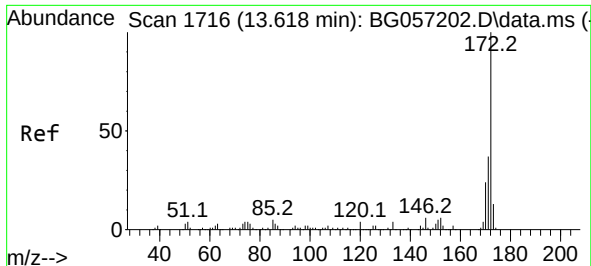


#44
2,4,5-Trichlorophenol
Concen: 48.969 ng
RT: 13.500 min Scan# 1696
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58



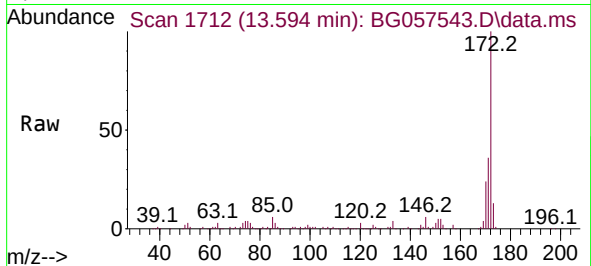
Tgt Ion:196 Resp: 60479
Ion Ratio Lower Upper
196 100
198 97.7 79.4 119.2
97 44.2 37.0 55.4
132 22.1 16.6 24.8





#45
2-Fluorobiphenyl
Concen: 61.169 ng
RT: 13.594 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

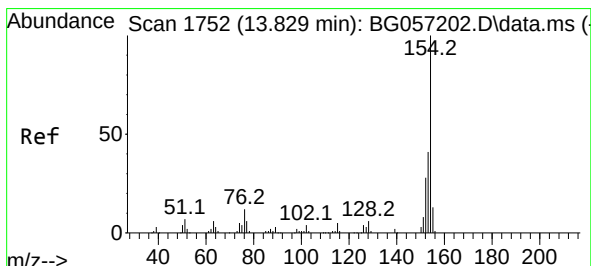
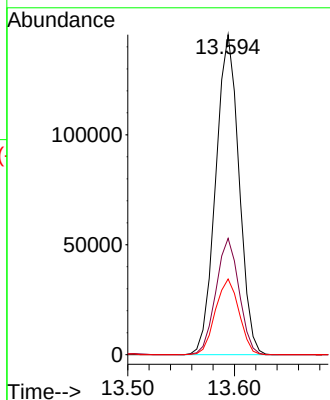
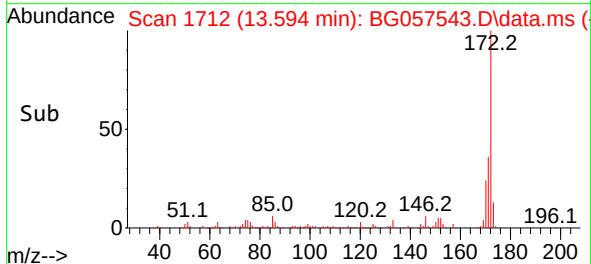
Instrument :
BNA_G
ClientSampleId :
SB08MSD



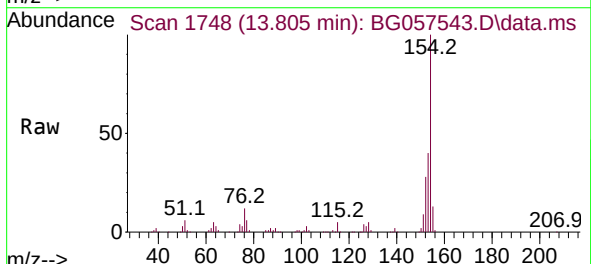
Tgt Ion:172 Resp: 22048
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 23.7 19.0 28.6

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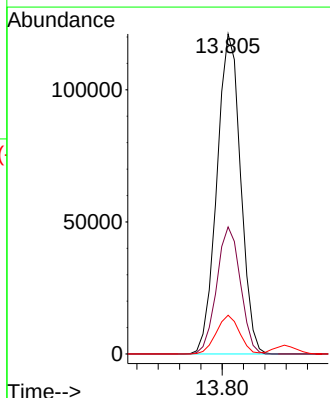
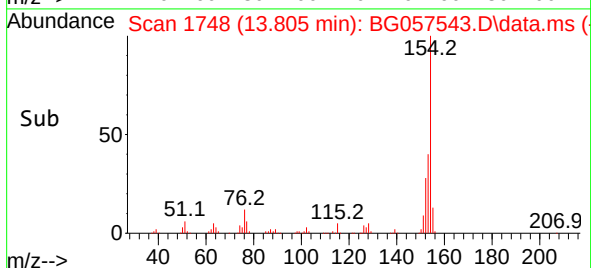
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

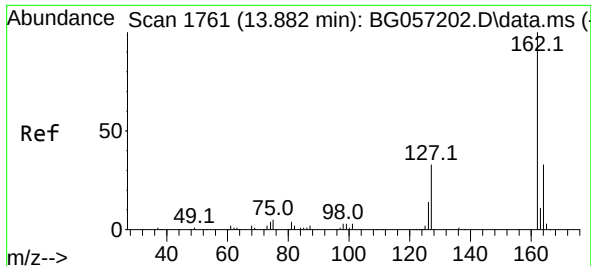


#46
1,1'-Biphenyl
Concen: 51.841 ng
RT: 13.805 min Scan# 1748
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58



Tgt Ion:154 Resp: 186744
Ion Ratio Lower Upper
154 100
153 39.7 20.9 60.9
76 12.1 0.0 31.7





#47

2-Chloronaphthalene

Concen: 53.606 ng

RT: 13.858 min Scan# 1757

Delta R.T. -0.012 min

Lab File: BG057543.D

Acq: 24 May 2023 20:58

Instrument :

BNA_G

ClientSampleId :

SB08MSD

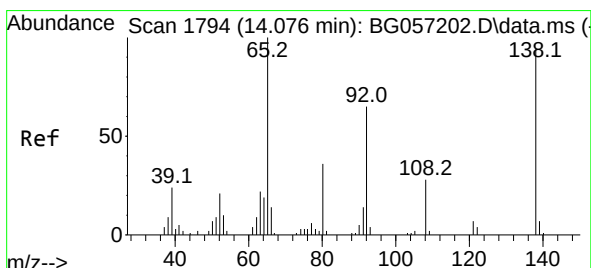
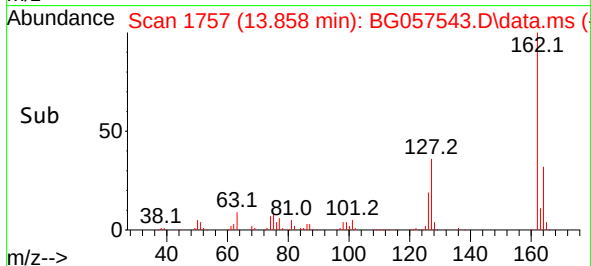
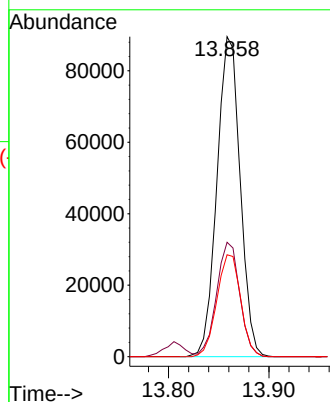
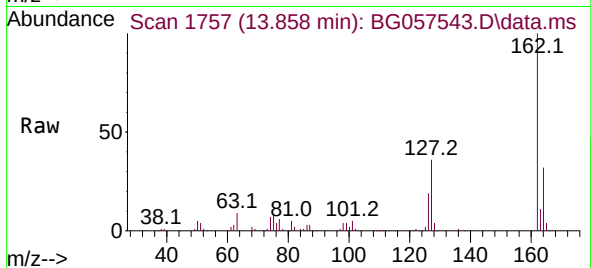
Tgt Ion:	162	Resp:	143594
Ion Ratio	Lower	Upper	
162	100		
127	35.7	29.8	44.6
164	31.9	26.6	40.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#48

2-Nitroaniline

Concen: 50.029 ng

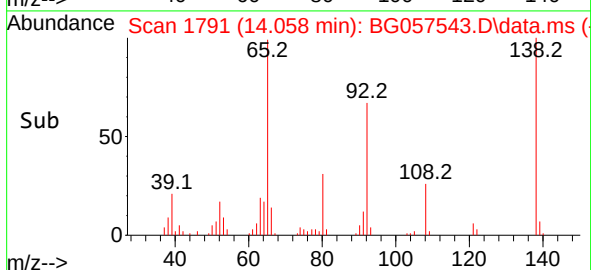
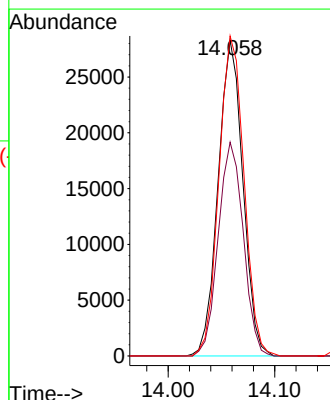
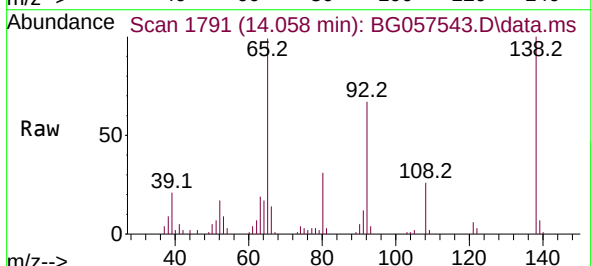
RT: 14.058 min Scan# 1791

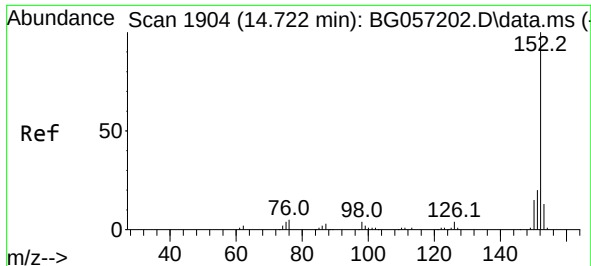
Delta R.T. -0.012 min

Lab File: BG057543.D

Acq: 24 May 2023 20:58

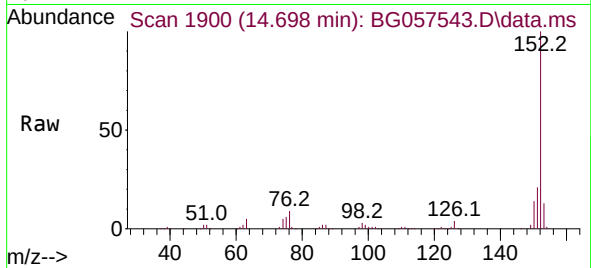
Tgt Ion:	65	Resp:	45567
Ion Ratio	Lower	Upper	
65	100		
92	67.7	52.1	78.1
138	101.4	75.3	112.9





#49
Acenaphthylene
Concen: 50.883 ng
RT: 14.698 min Scan# 1900
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

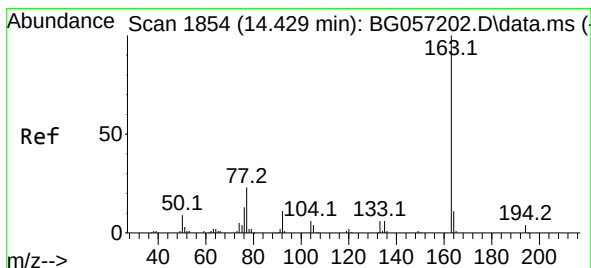
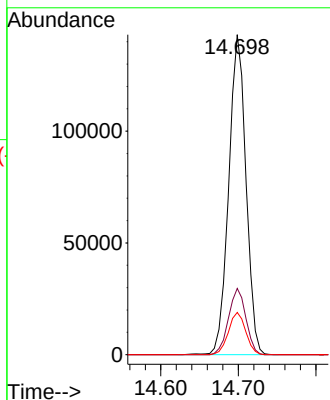
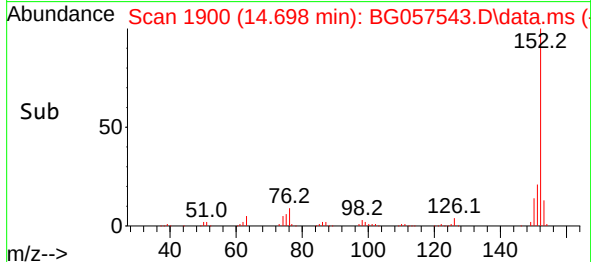
Instrument :
BNA_G
ClientSampleId :
SB08MSD



Tgt Ion:152 Resp: 221430
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 13.2 10.7 16.1

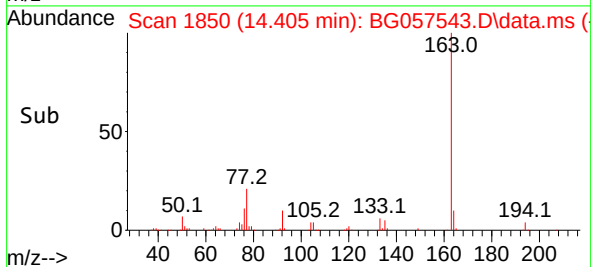
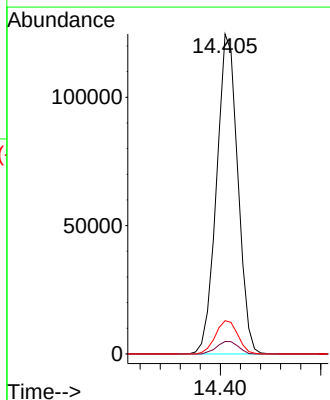
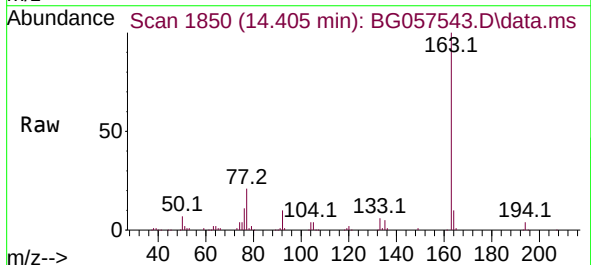
Manual Integrations
APPROVED

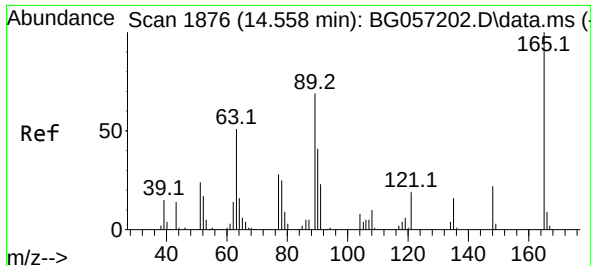
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#50
Dimethylphthalate
Concen: 45.851 ng
RT: 14.405 min Scan# 1850
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

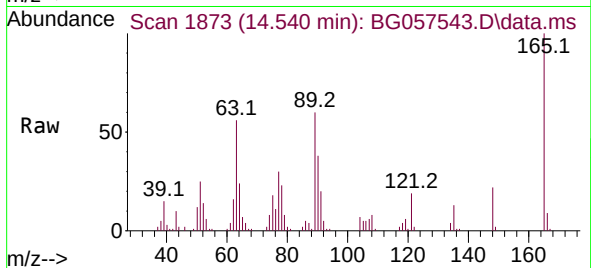
Tgt Ion:163 Resp: 182909
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.4 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 50.919 ng
RT: 14.540 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

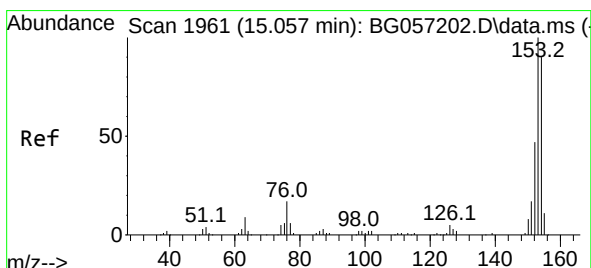
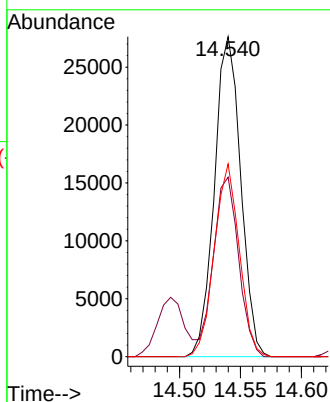
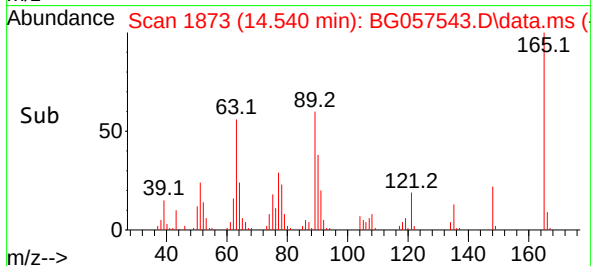
Instrument :
BNA_G
ClientSampleId :
SB08MSD



Tgt Ion:165 Resp: 4147
Ion Ratio Lower Upper
165 100
63 56.1 50.9 76.3
89 60.2 55.2 82.8

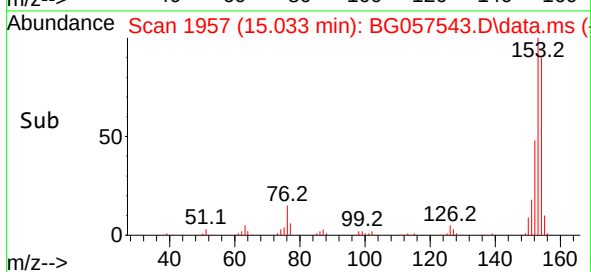
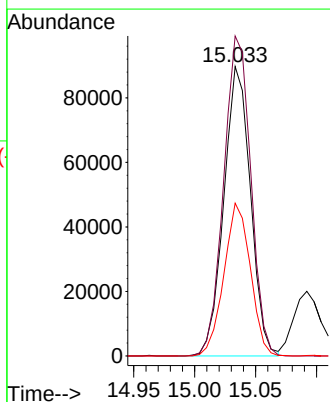
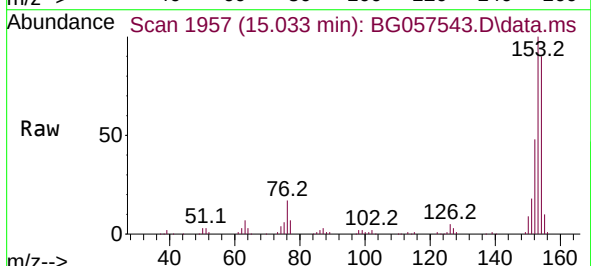
Manual Integrations
APPROVED

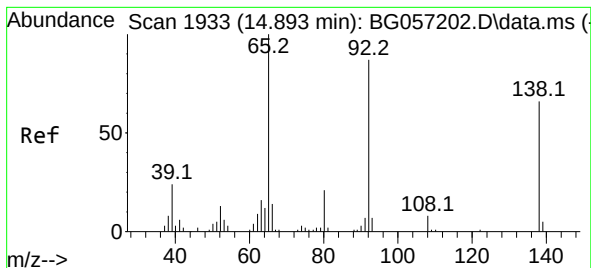
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#52
Acenaphthene
Concen: 50.334 ng
RT: 15.033 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

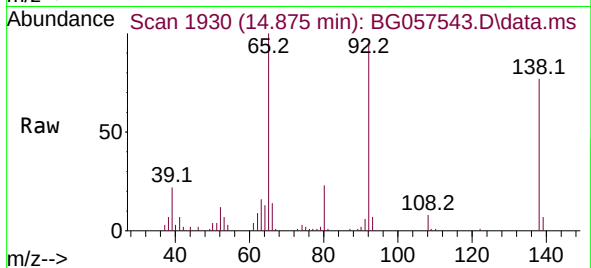
Tgt Ion:154 Resp: 136877
Ion Ratio Lower Upper
154 100
153 110.6 89.3 133.9
152 52.8 41.7 62.5





#53
3-Nitroaniline
Concen: 37.093 ng
RT: 14.875 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

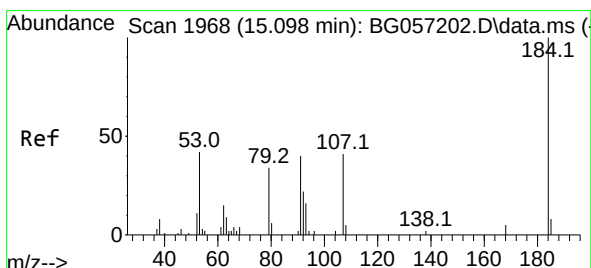
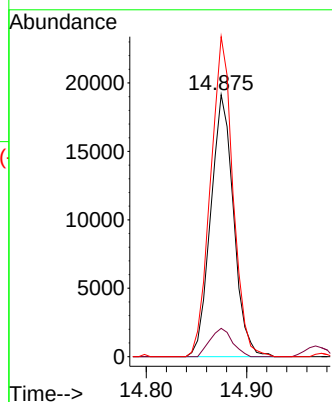
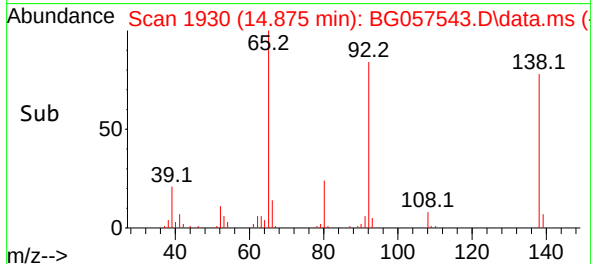
Instrument :
BNA_G
ClientSampleId :
SB08MSD



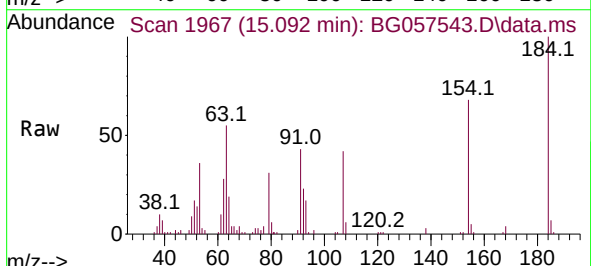
Tgt Ion:138 Resp: 3026
Ion Ratio Lower Upper
138 100
108 10.8 9.5 14.3
92 122.2 106.2 159.4

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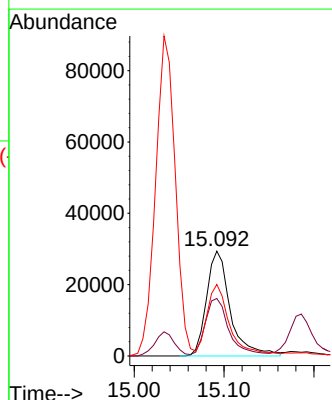
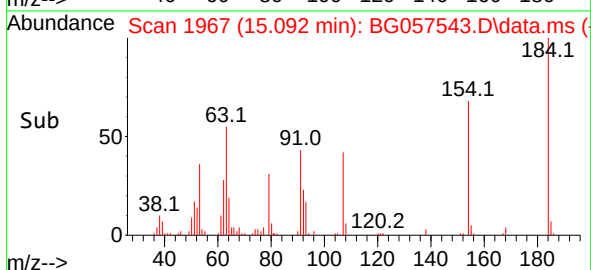
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

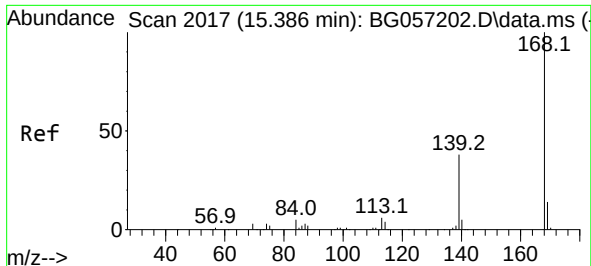


#54
2,4-Dinitrophenol
Concen: 105.217 ng
RT: 15.092 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58



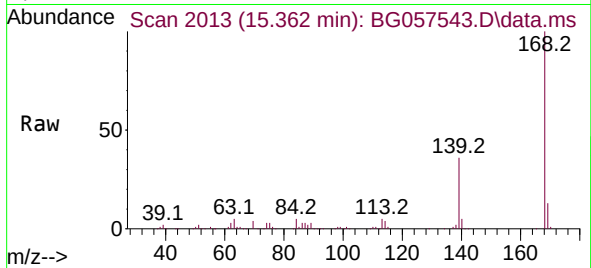
Tgt Ion:184 Resp: 53905
Ion Ratio Lower Upper
184 100
63 54.8 48.2 72.4
154 68.2 55.4 83.2





#55
Dibenzofuran
Concen: 49.888 ng
RT: 15.362 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

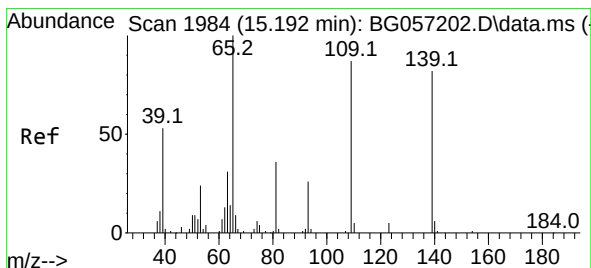
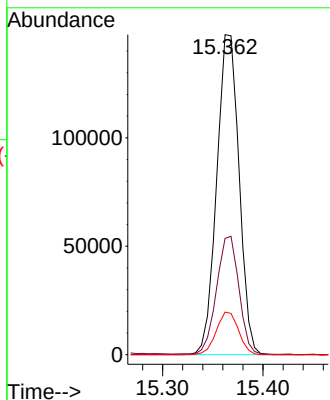
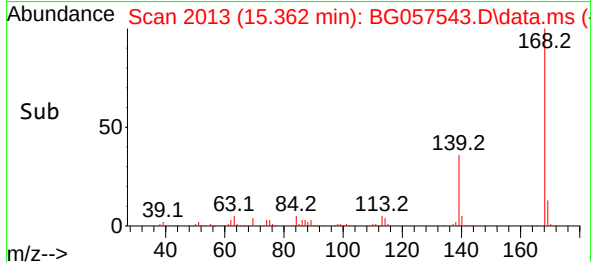
Instrument :
BNA_G
ClientSampleId :
SB08MSD



Tgt Ion:168 Resp: 22794
Ion Ratio Lower Upper
168 100
139 36.3 30.7 46.1
169 13.3 10.9 16.3

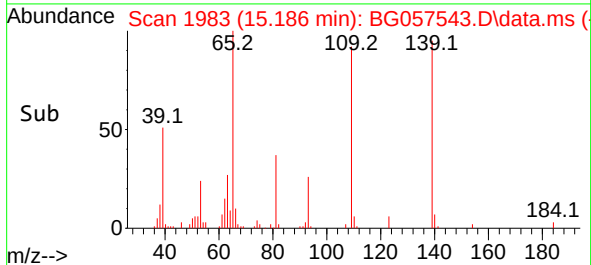
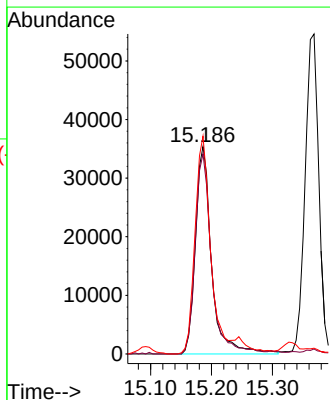
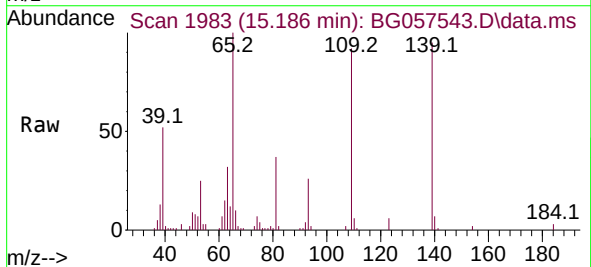
Manual Integrations
APPROVED

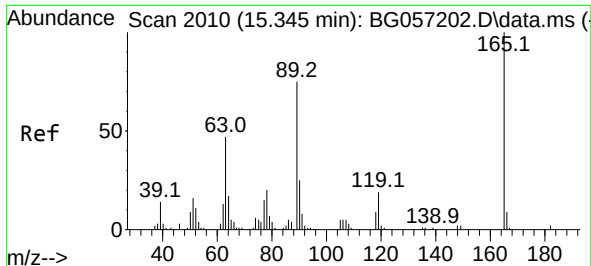
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#56
4-Nitrophenol
Concen: 120.480 ng
RT: 15.186 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

Tgt Ion:139 Resp: 65385
Ion Ratio Lower Upper
139 100
109 96.6 86.6 126.6
65 105.1 102.6 142.6





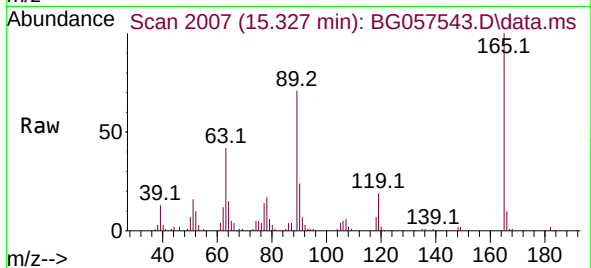
#57
2,4-Dinitrotoluene
Concen: 51.853 ng
RT: 15.327 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

Instrument :

BNA_G

ClientSampleId :

SB08MSD

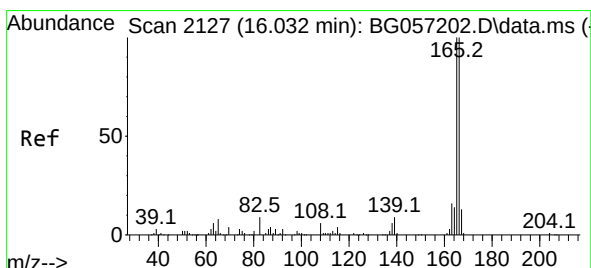
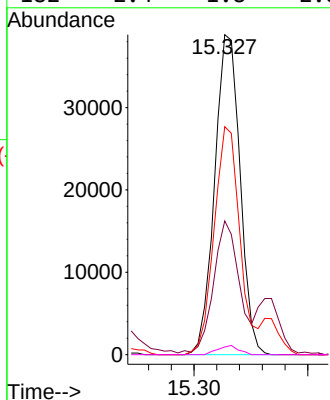
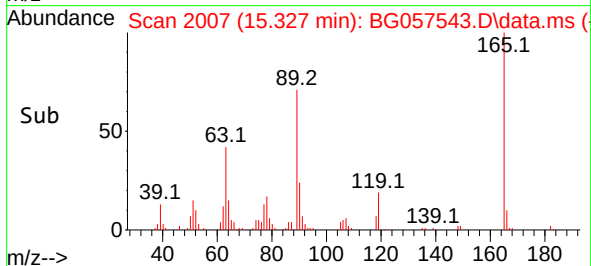


Tgt Ion:165 Resp: 60359
Ion Ratio Lower Upper
165 100
63 41.8 37.5 56.3
89 71.2 60.2 90.4
182 2.4 1.8 2.8

Manual Integrations

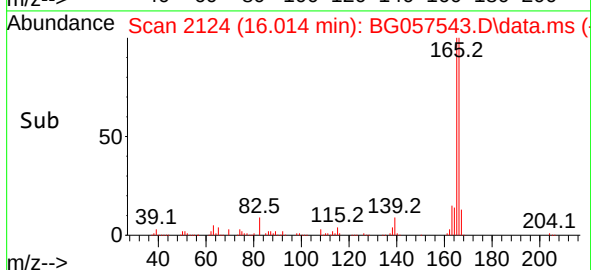
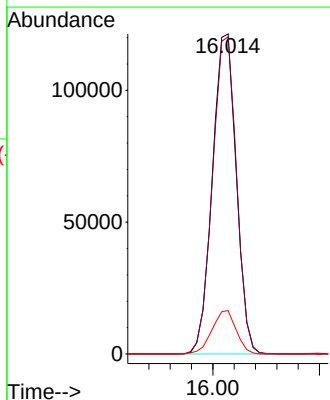
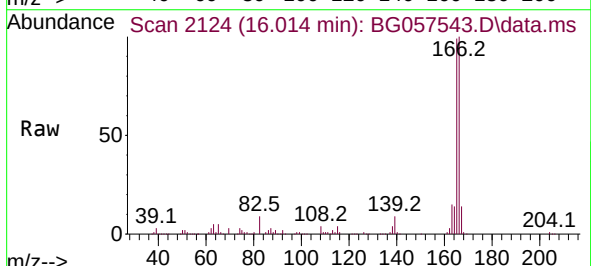
APPROVED

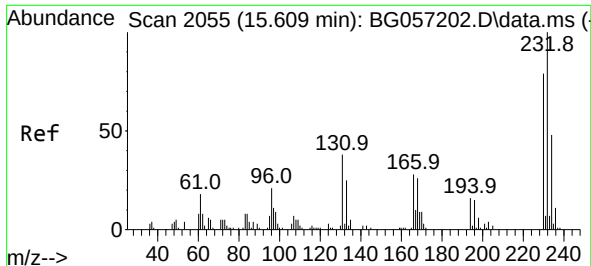
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#58
Fluorene
Concen: 50.111 ng
RT: 16.014 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

Tgt Ion:166 Resp: 188594
Ion Ratio Lower Upper
166 100
165 99.1 80.1 120.1
167 13.5 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.923 ng
RT: 15.591 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

Instrument :

BNA_G

ClientSampleId :

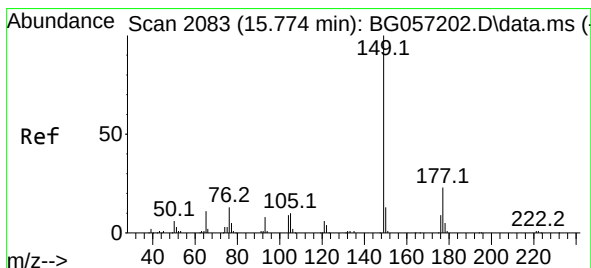
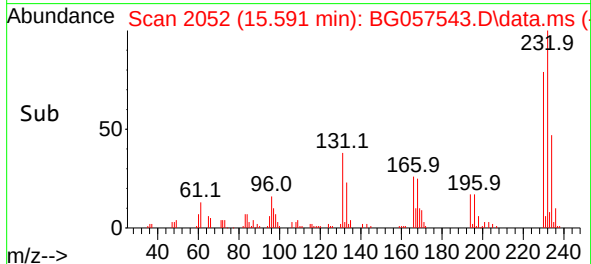
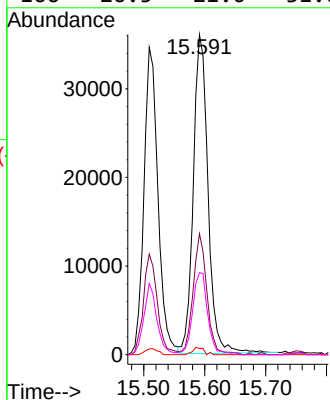
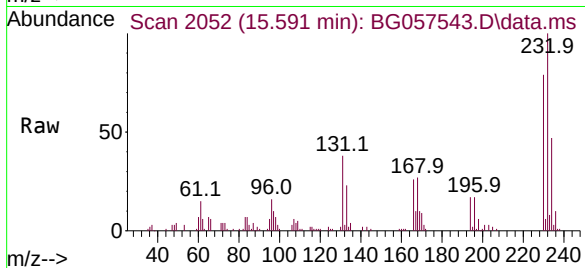
SB08MSD

Tgt Ion:232 Resp: 60378
Ion Ratio Lower Upper
232 100
131 35.7 28.6 42.8
130 1.8 1.6 2.4
166 26.5 21.0 31.6

Manual Integrations

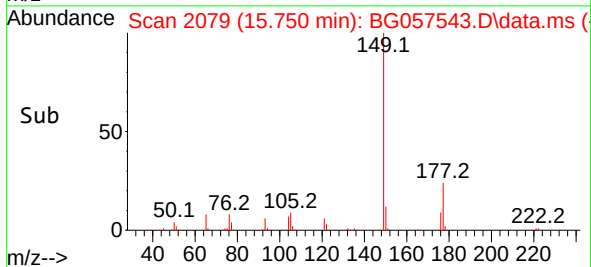
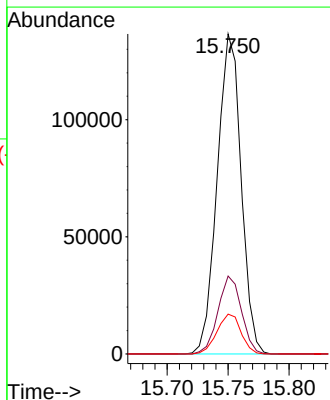
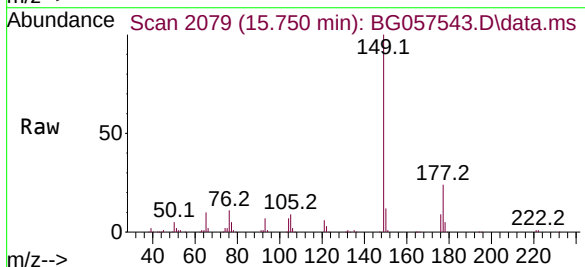
APPROVED

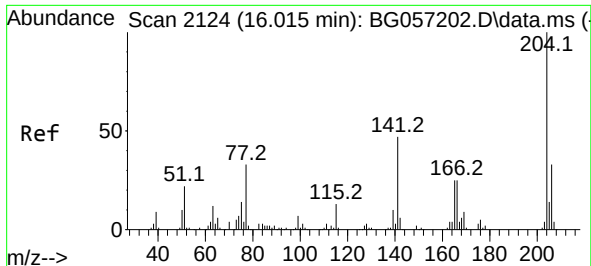
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#60
Diethylphthalate
Concen: 45.988 ng
RT: 15.750 min Scan# 2079
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

Tgt Ion:149 Resp: 186305
Ion Ratio Lower Upper
149 100
177 24.3 18.3 27.5
150 12.5 10.1 15.1





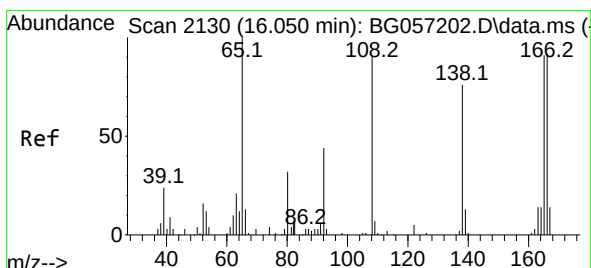
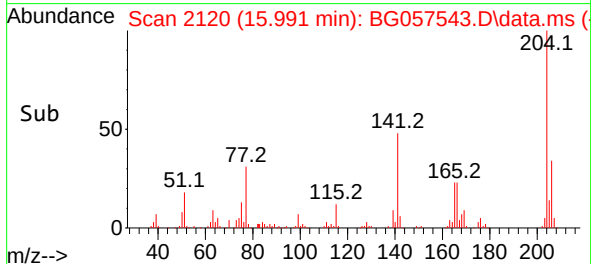
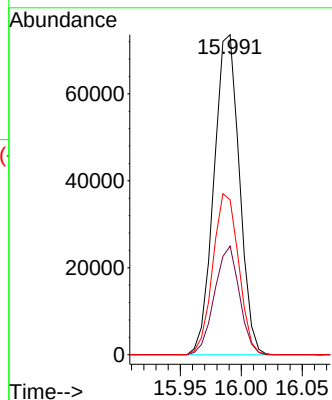
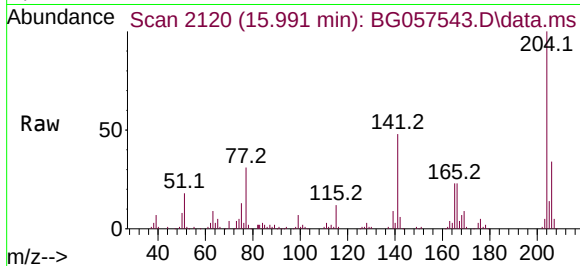
#61
4-Chlorophenyl-phenylether
Concen: 47.173 ng
RT: 15.991 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

Instrument :
BNA_G
ClientSampleId :
SB08MSD

Tgt Ion:204 Resp: 106954
Ion Ratio Lower Upper
204 100
206 33.9 26.5 39.7
141 48.4 37.4 56.0

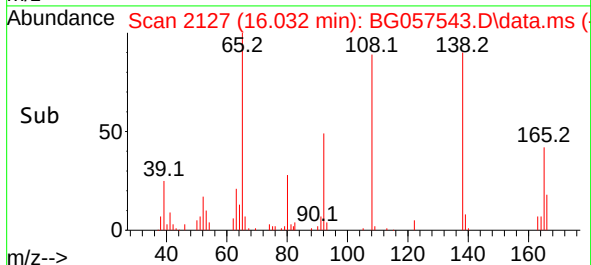
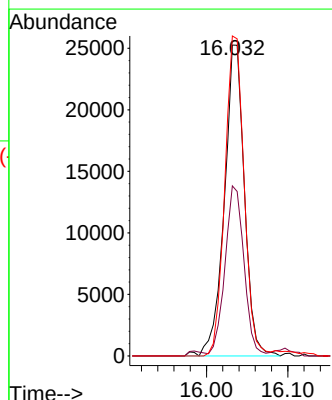
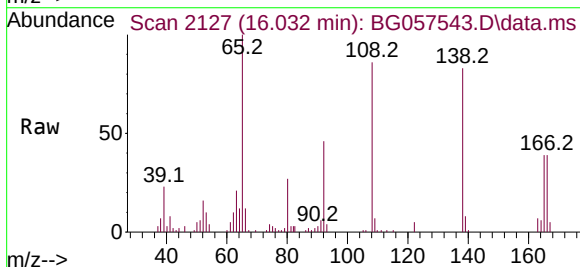
Manual Integrations
APPROVED

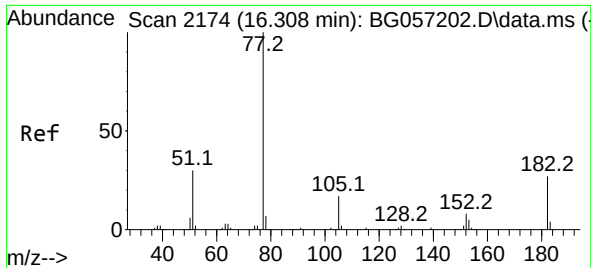
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#62
4-Nitroaniline
Concen: 52.706 ng
RT: 16.032 min Scan# 2127
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

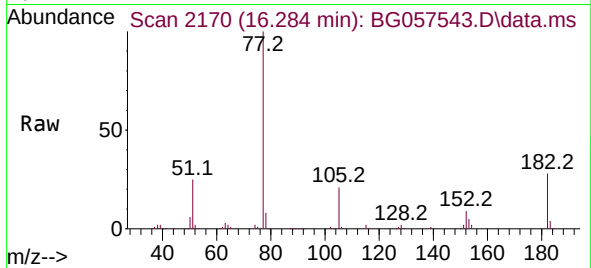
Tgt Ion:138 Resp: 43386
Ion Ratio Lower Upper
138 100
92 54.7 38.2 78.2
108 102.9 99.6 139.6





#63
Azobenzene
Concen: 46.739 ng
RT: 16.284 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

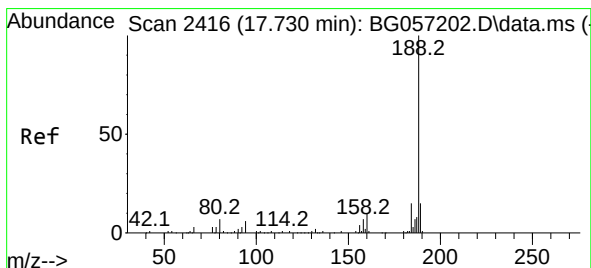
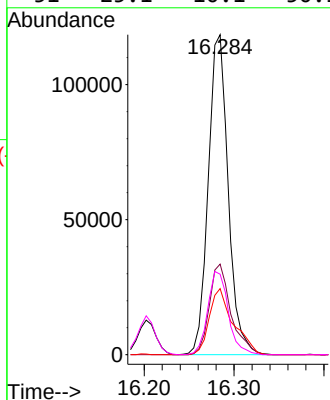
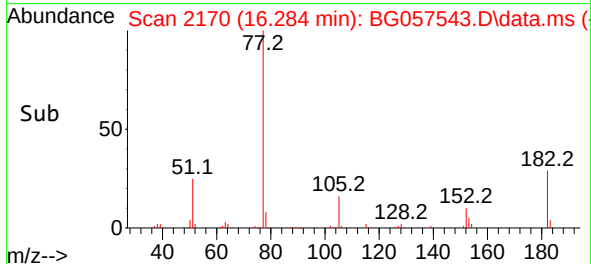
Instrument :
BNA_G
ClientSampleId :
SB08MSD



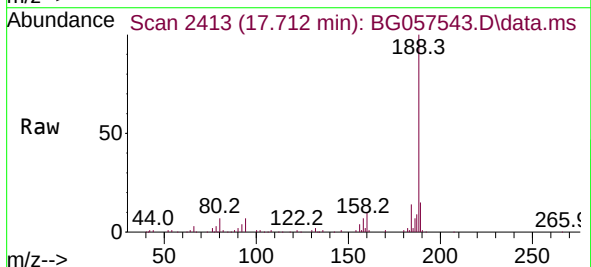
Tgt Ion: 77 Resp: 182694
Ion Ratio Lower Upper
77 100
182 28.3 7.4 47.4
105 20.7 0.0 37.2
51 25.1 10.1 50.1

Manual Integrations
APPROVED

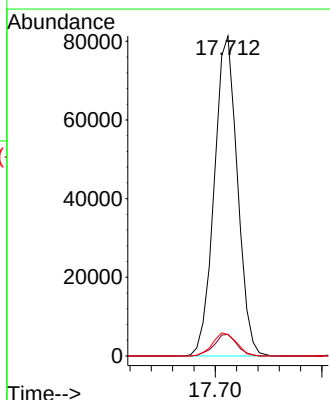
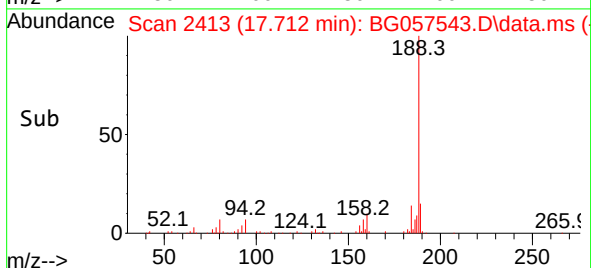
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

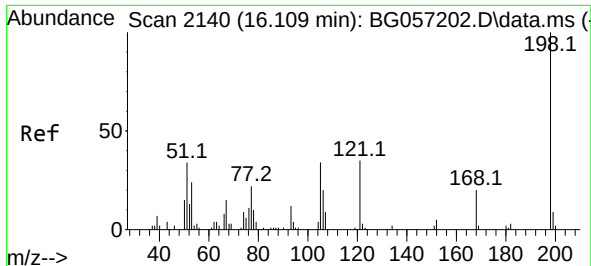


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.712 min Scan# 2413
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58



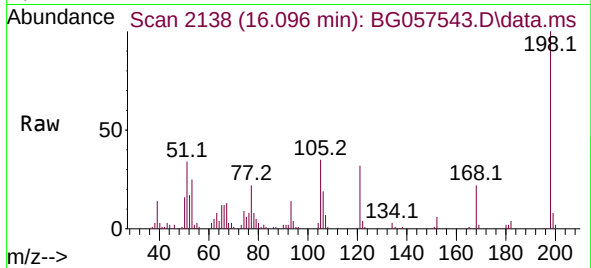
Tgt Ion:188 Resp: 122478
Ion Ratio Lower Upper
188 100
94 6.7 5.1 7.7
80 6.7 5.7 8.5





#65
4,6-Dinitro-2-methylphenol
Concen: 58.945 ng
RT: 16.096 min Scan# 2138
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

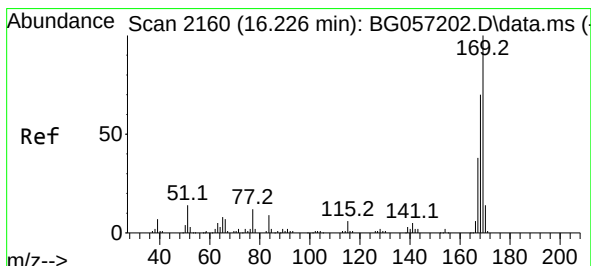
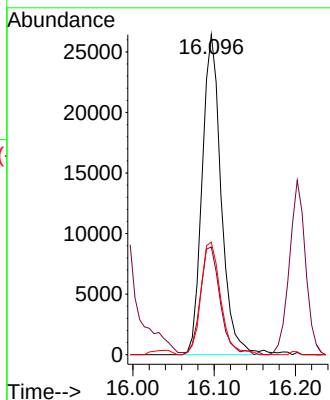
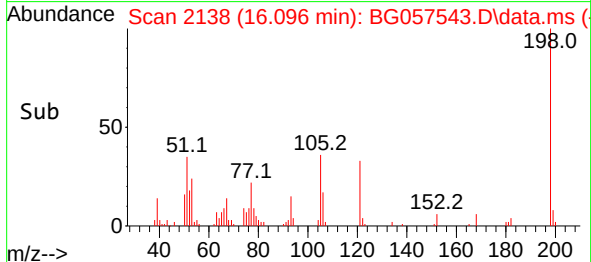
Instrument :
BNA_G
ClientSampleId :
SB08MSD



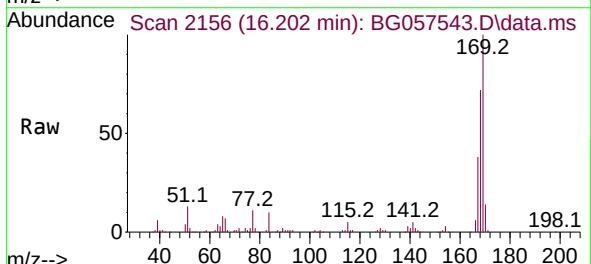
Tgt Ion:198 Resp: 4310
Ion Ratio Lower Upper
198 100
51 33.6 16.1 56.1
105 35.2 14.0 54.0

Manual Integrations
APPROVED

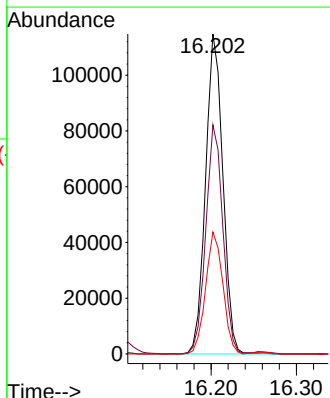
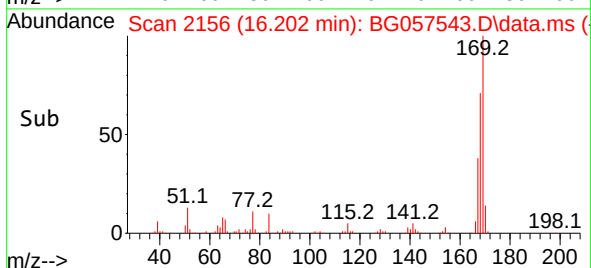
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

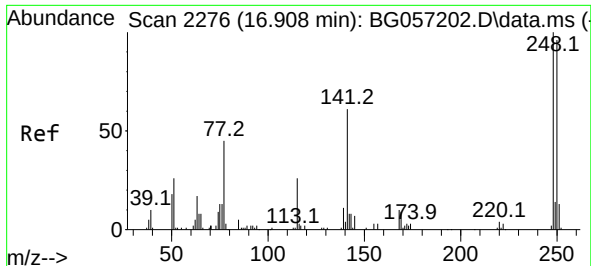


#66
n-Nitrosodiphenylamine
Concen: 48.593 ng
RT: 16.202 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58



Tgt Ion:169 Resp: 161646
Ion Ratio Lower Upper
169 100
168 71.6 56.2 84.4
167 38.1 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 48.135 ng
RT: 16.884 min Scan# 211
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

Instrument :

BNA_G

ClientSampleId :

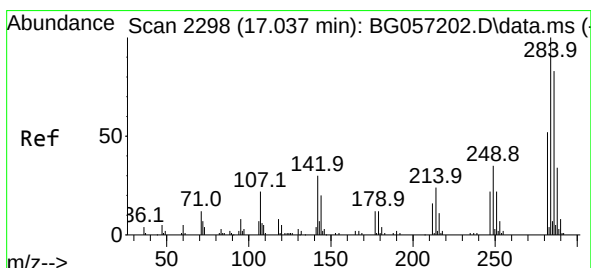
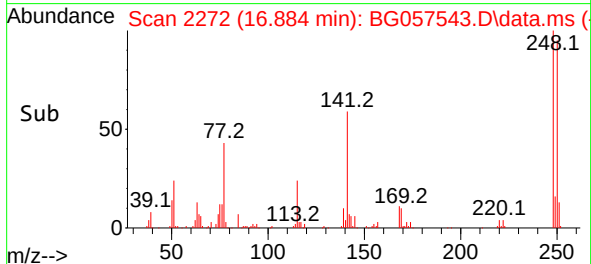
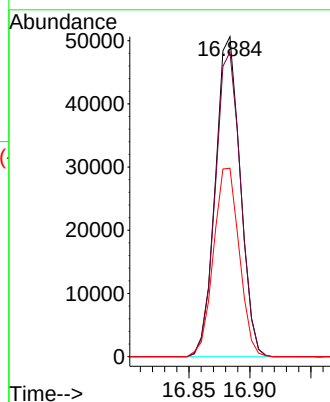
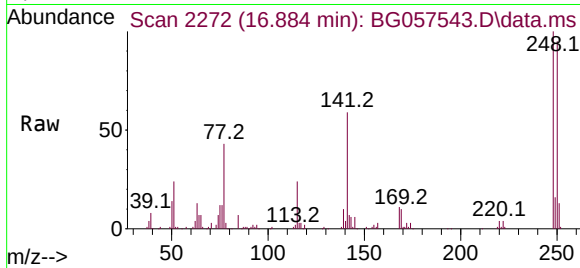
SB08MSD

Tgt Ion:248 Resp: 71969
Ion Ratio Lower Upper
248 100
250 95.2 77.0 115.6
141 58.9 48.6 72.8

Manual Integrations

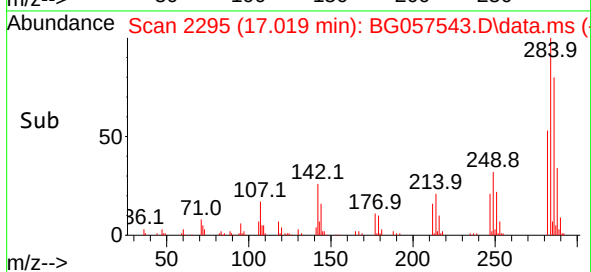
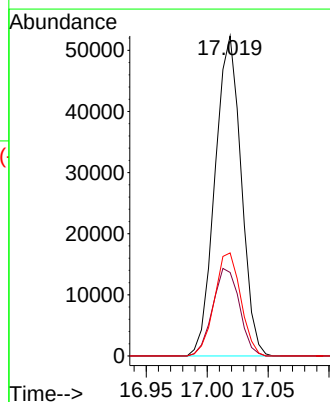
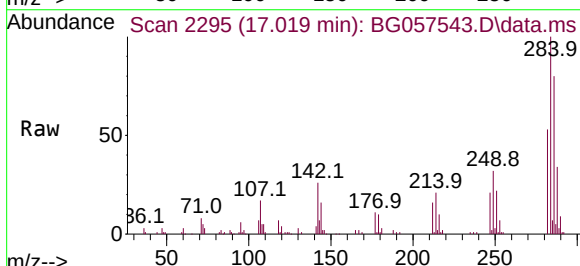
APPROVED

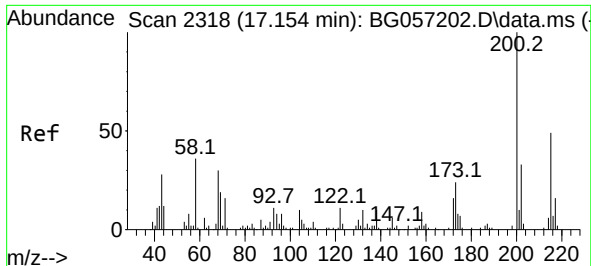
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#68
Hexachlorobenzene
Concen: 53.780 ng
RT: 17.019 min Scan# 2295
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

Tgt Ion:284 Resp: 78139
Ion Ratio Lower Upper
284 100
142 26.1 23.9 35.9
249 32.2 27.7 41.5





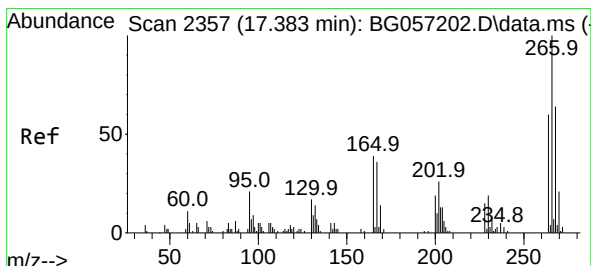
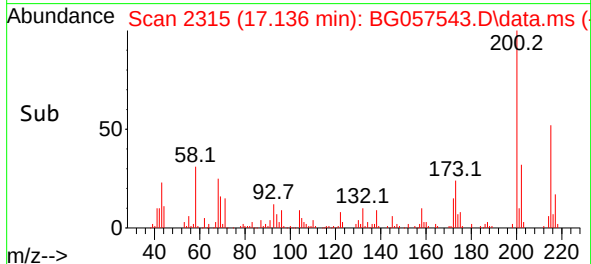
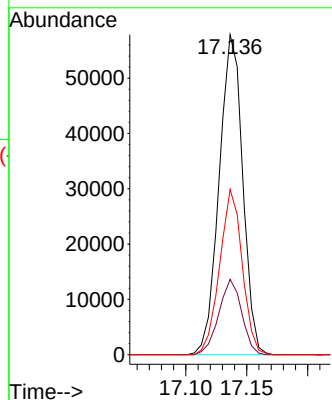
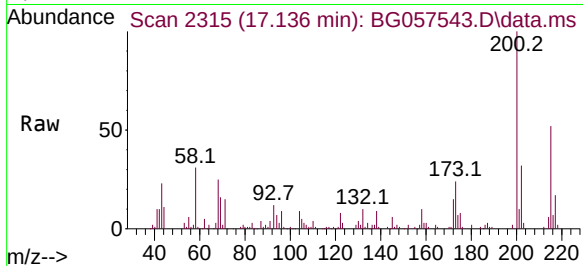
#69
 Atrazine
 Concen: 61.163 ng
 RT: 17.136 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG057543.D
 Acq: 24 May 2023 20:58

Instrument :
 BNA_G
 ClientSampleId :
 SB08MSD

Tgt Ion:200 Resp: 7761
 Ion Ratio Lower Upper
 200 100
 173 23.6 4.3 44.3
 215 51.6 29.3 69.3

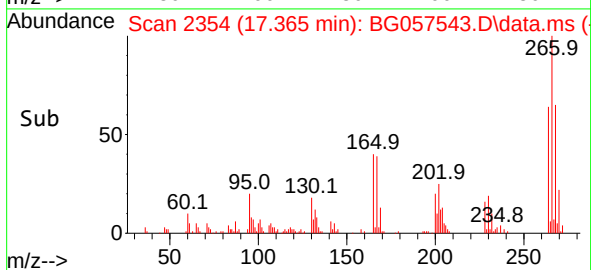
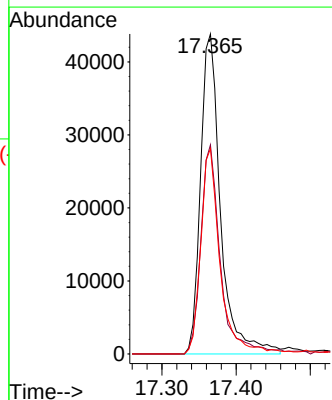
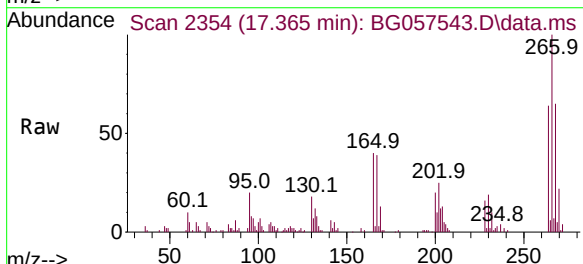
Manual Integrations
 APPROVED

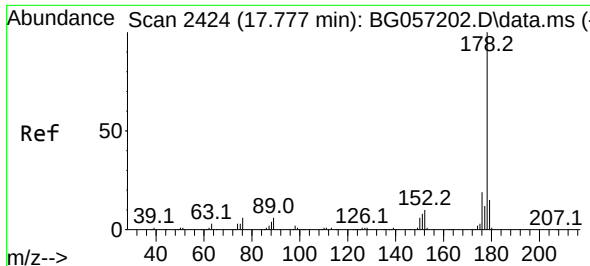
Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023



#70
 Pentachlorophenol
 Concen: 98.125 ng
 RT: 17.365 min Scan# 2354
 Delta R.T. -0.012 min
 Lab File: BG057543.D
 Acq: 24 May 2023 20:58

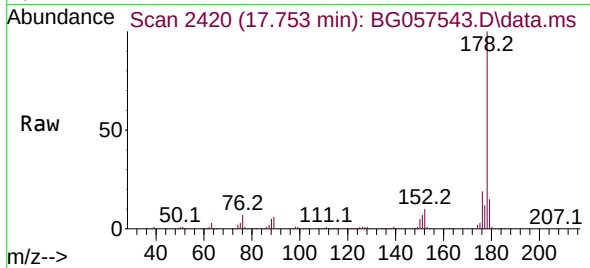
Tgt Ion:266 Resp: 82166
 Ion Ratio Lower Upper
 266 100
 268 65.4 51.0 76.6
 264 64.2 47.8 71.6





#71
Phenanthrene
Concen: 50.729 ng
RT: 17.753 min Scan# 2424
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

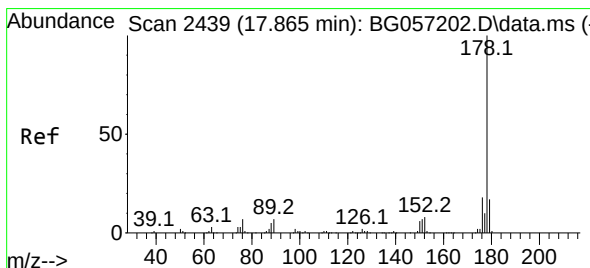
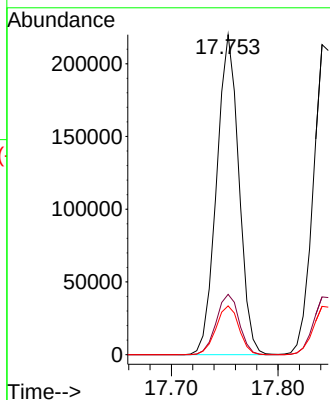
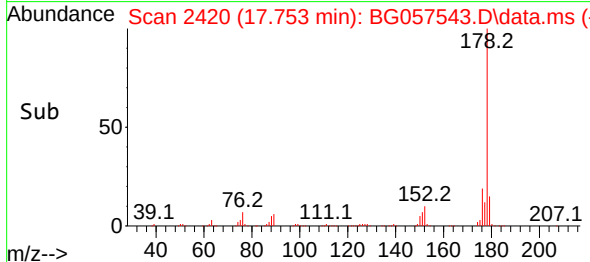
Instrument :
BNA_G
ClientSampleId :
SB08MSD



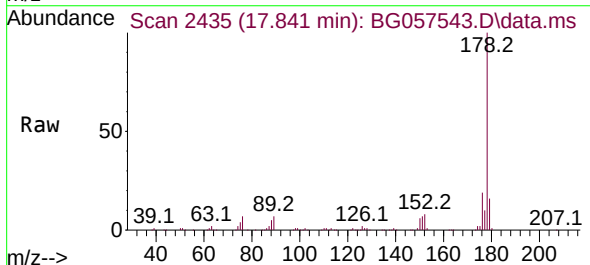
Tgt Ion:178 Resp: 318375
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.3 12.3 18.5

Manual Integrations
APPROVED

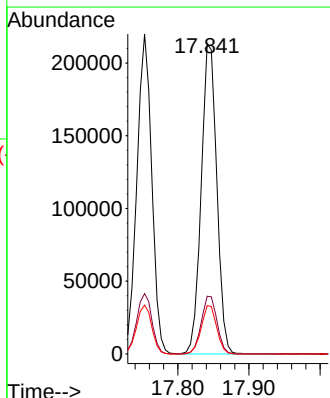
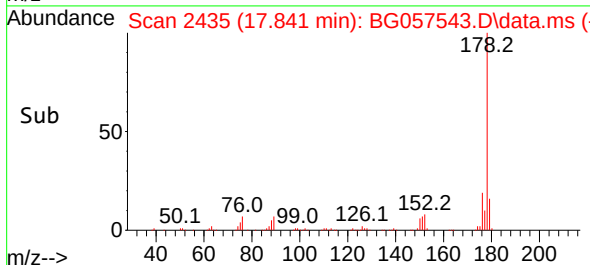
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

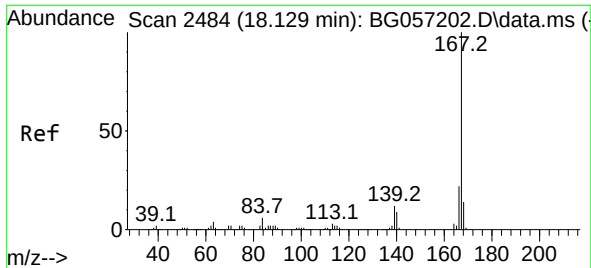


#72
Anthracene
Concen: 50.543 ng
RT: 17.841 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58



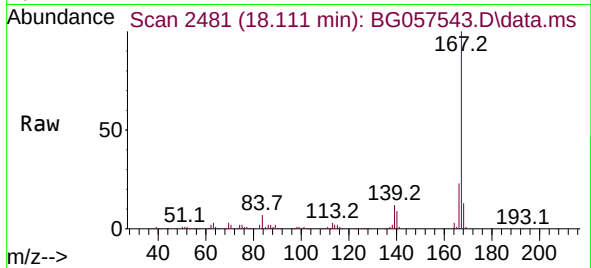
Tgt Ion:178 Resp: 325482
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.6 13.2 19.8





#73
Carbazole
Concen: 56.007 ng
RT: 18.111 min Scan# 2481
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

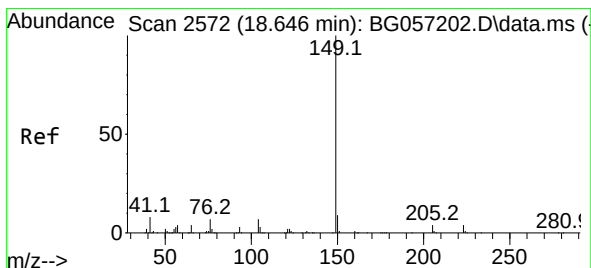
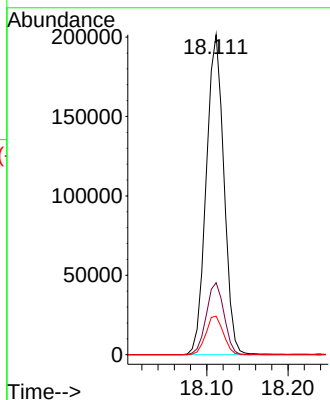
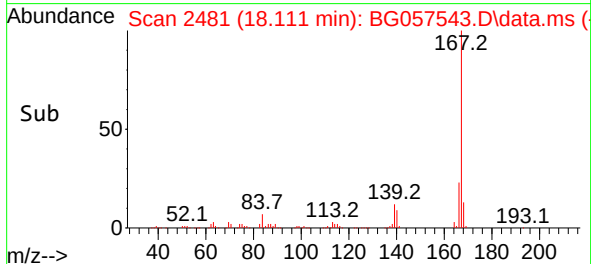
Instrument :
BNA_G
ClientSampleId :
SB08MSD



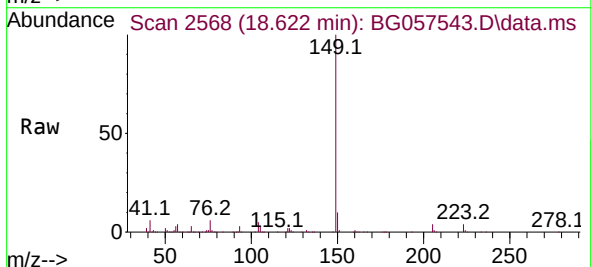
Tgt Ion:167 Resp: 30363
Ion Ratio Lower Upper
167 100
166 22.5 17.4 26.0
139 12.0 9.6 14.4

Manual Integrations
APPROVED

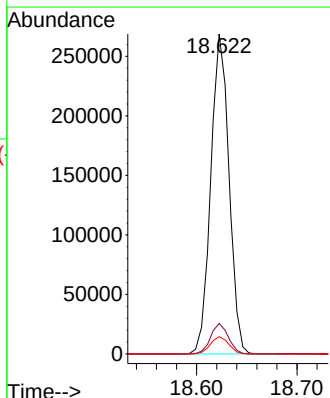
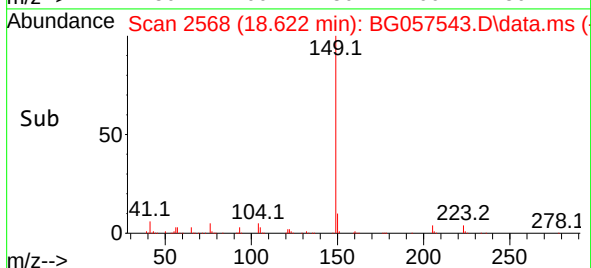
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

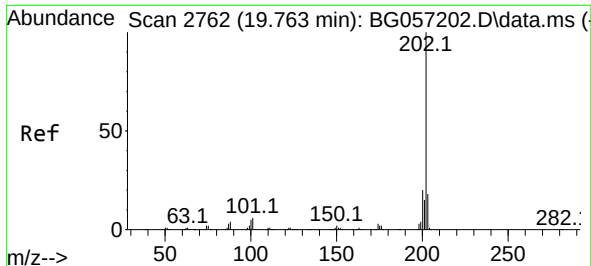


#74
Di-n-butylphthalate
Concen: 54.392 ng
RT: 18.622 min Scan# 2568
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58



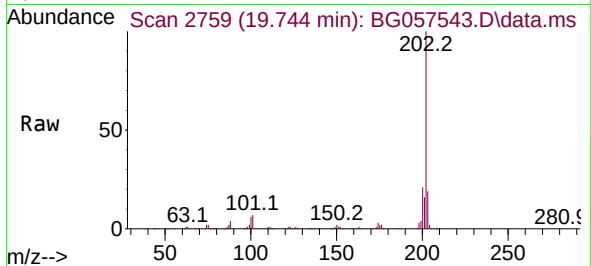
Tgt Ion:149 Resp: 339274
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 5.4 5.4 8.2#





#75
Fluoranthene
Concen: 53.958 ng
RT: 19.744 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

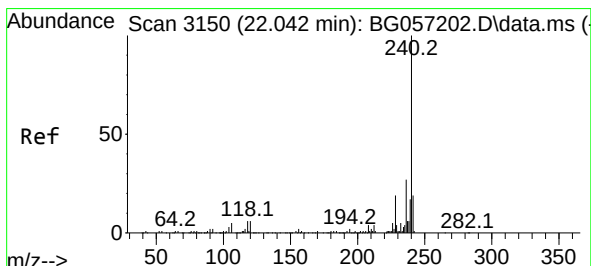
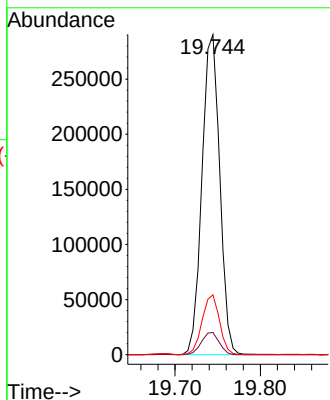
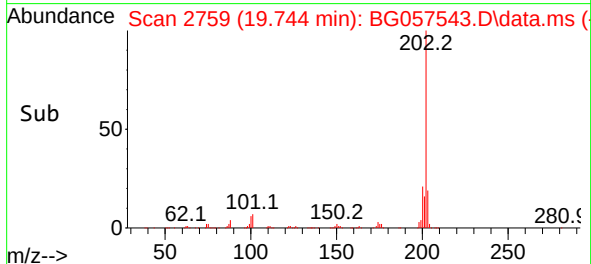
Instrument :
BNA_G
ClientSampleId :
SB08MSD



Tgt Ion:202 Resp: 421184
Ion Ratio Lower Upper
202 100
101 7.0 0.0 26.2
203 18.7 0.0 37.9

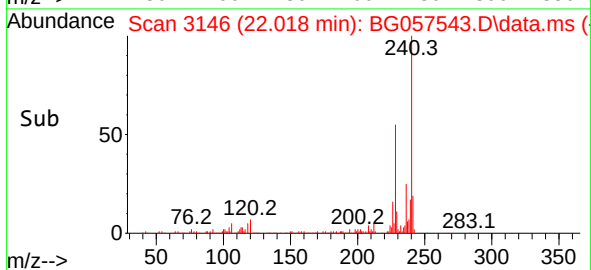
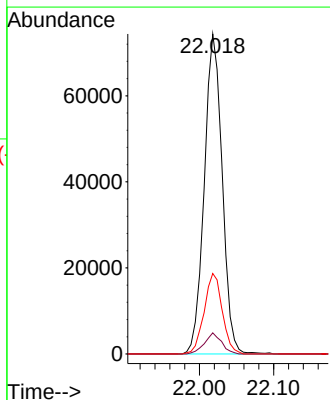
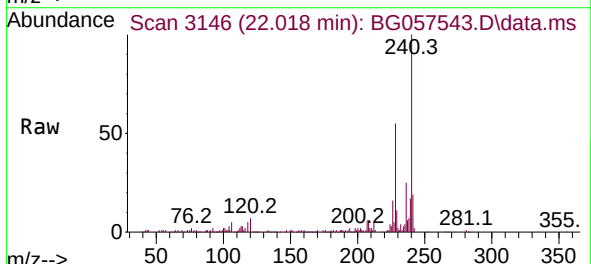
Manual Integrations
APPROVED

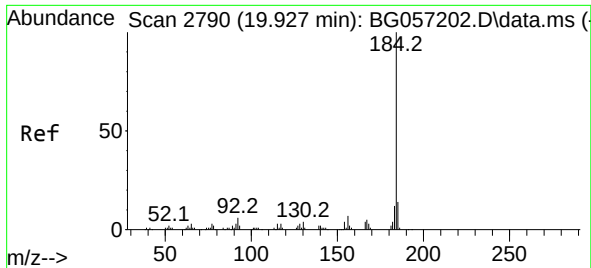
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.018 min Scan# 3146
Delta R.T. -0.018 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

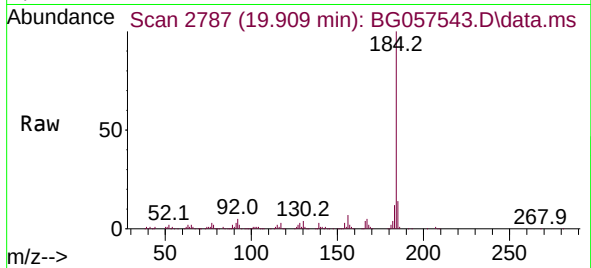
Tgt Ion:240 Resp: 124701
Ion Ratio Lower Upper
240 100
120 6.6 4.9 7.3
236 25.1 21.4 32.2





#77
Benzidine
Concen: 74.476 ng
RT: 19.909 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

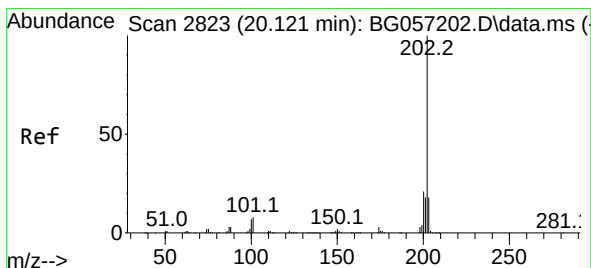
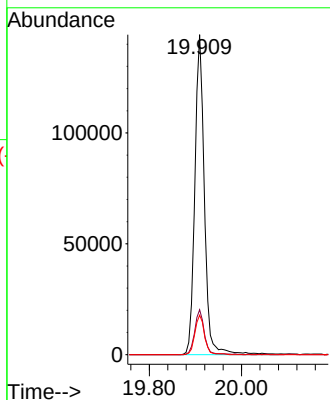
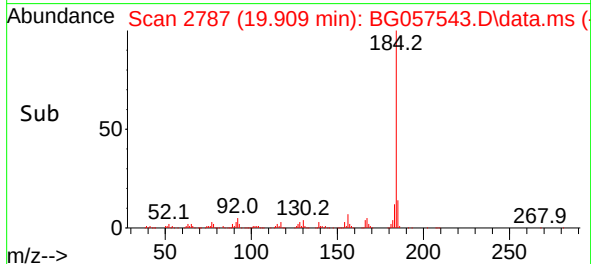
Instrument :
BNA_G
ClientSampleId :
SB08MSD



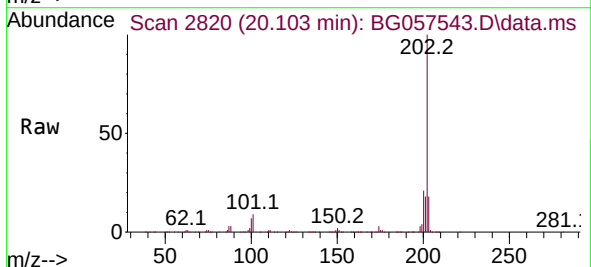
Tgt Ion:184 Resp: 207630
Ion Ratio Lower Upper
184 100
185 14.1 11.1 16.7
183 12.3 9.9 14.9

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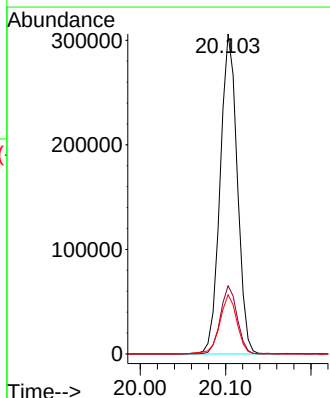
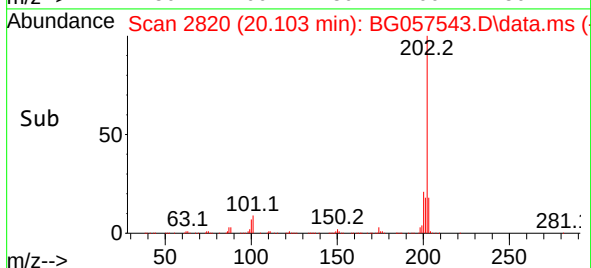
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

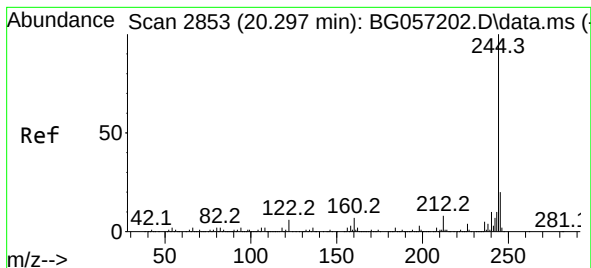


#78
Pyrene
Concen: 47.137 ng
RT: 20.103 min Scan# 2820
Delta R.T. -0.012 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58



Tgt Ion:202 Resp: 427136
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 18.5 14.2 21.4





#79

Terphenyl-d14

Concen: 58.711 ng

RT: 20.273 min Scan# 21

Delta R.T. -0.018 min

Lab File: BG057543.D

Acq: 24 May 2023 20:58

Instrument :

BNA_G

ClientSampleId :

SB08MSD

Tgt Ion:244 Resp: 44863

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

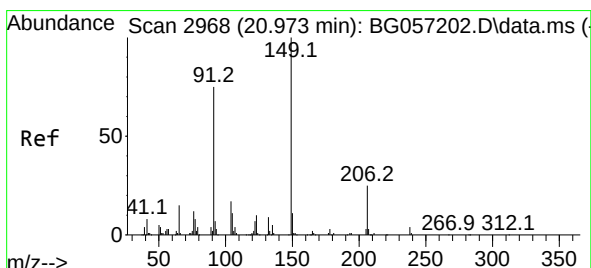
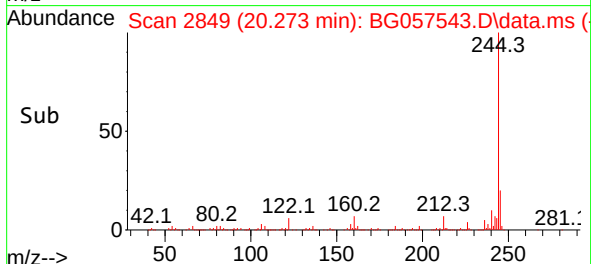
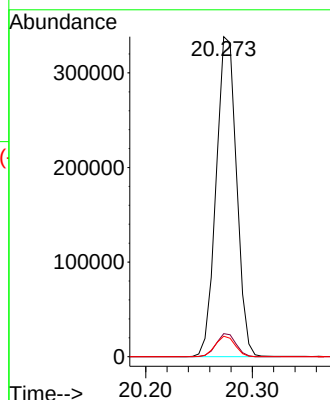
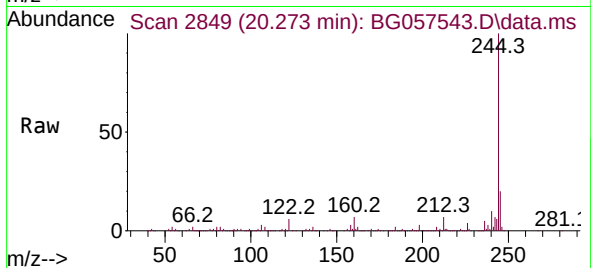
122 6.4 5.1 7.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#80

Butylbenzylphthalate

Concen: 55.978 ng

RT: 20.949 min Scan# 2964

Delta R.T. -0.012 min

Lab File: BG057543.D

Acq: 24 May 2023 20:58

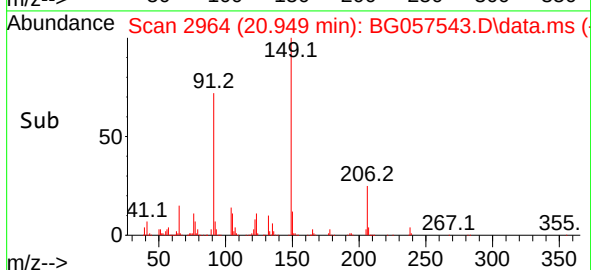
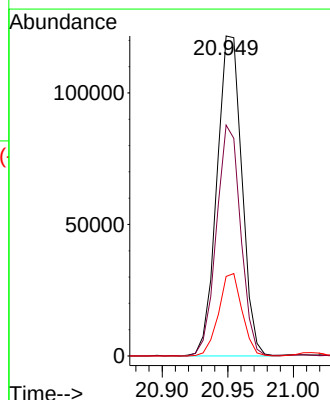
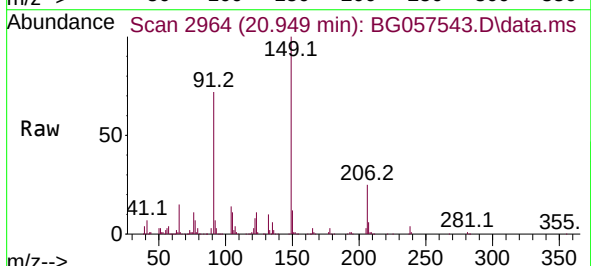
Tgt Ion:149 Resp: 160945

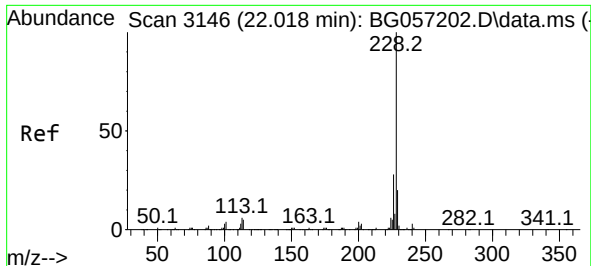
Ion Ratio Lower Upper

149 100

91 72.1 59.7 89.5

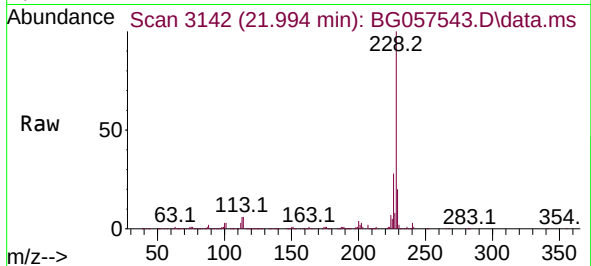
206 24.9 19.7 29.5





#81
Benzo(a)anthracene
Concen: 48.645 ng
RT: 21.994 min Scan# 3146
Delta R.T. -0.018 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

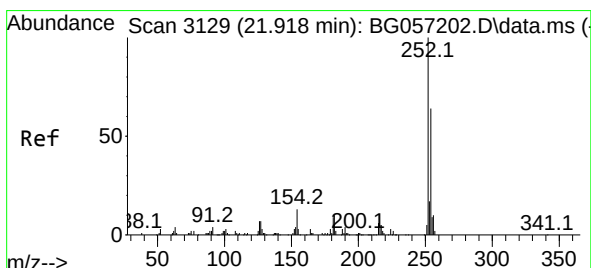
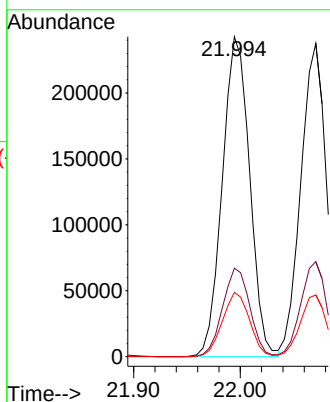
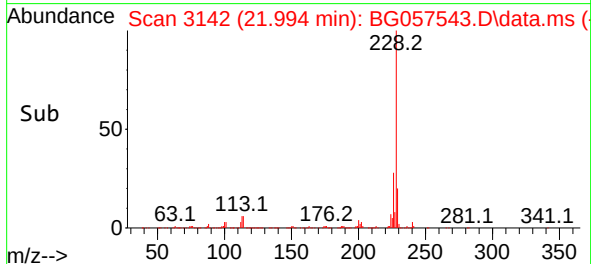
Instrument :
BNA_G
ClientSampleId :
SB08MSD



Tgt Ion:228 Resp: 432185
Ion Ratio Lower Upper
228 100
226 27.6 22.0 33.0
229 20.1 15.8 23.8

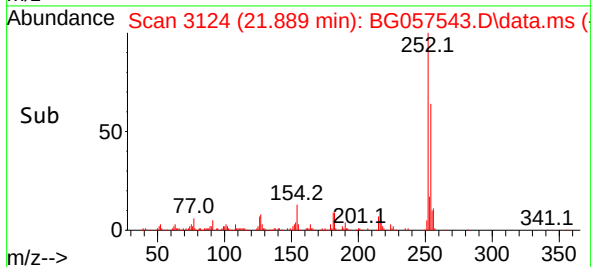
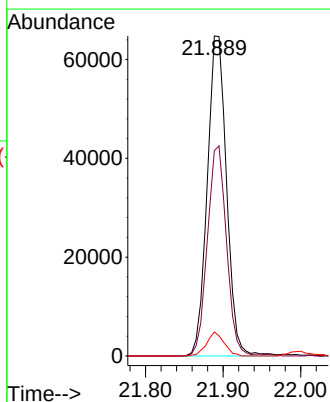
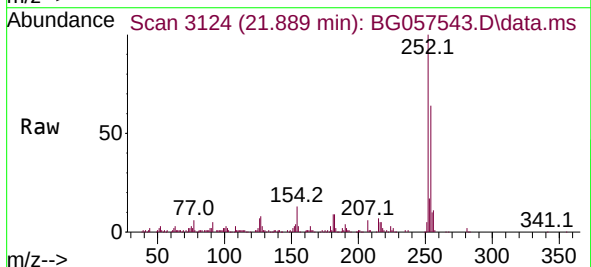
Manual Integrations
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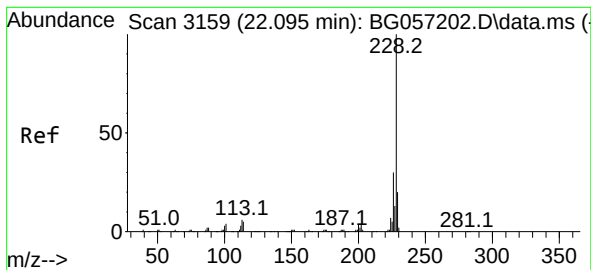
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#82
3,3'-Dichlorobenzidine
Concen: 39.369 ng
RT: 21.889 min Scan# 3124
Delta R.T. -0.018 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

Tgt Ion:252 Resp: 112034
Ion Ratio Lower Upper
252 100
254 64.2 51.4 77.0
126 7.5 5.9 8.9





#83

Chrysene

Concen: 47.375 ng

RT: 22.071 min Scan# 3115

Delta R.T. -0.012 min

Lab File: BG057543.D

Acq: 24 May 2023 20:58

Instrument :

BNA_G

ClientSampleId :

SB08MSD

Tgt Ion:228 Resp: 396019

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

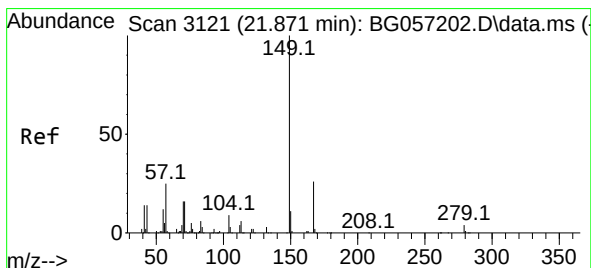
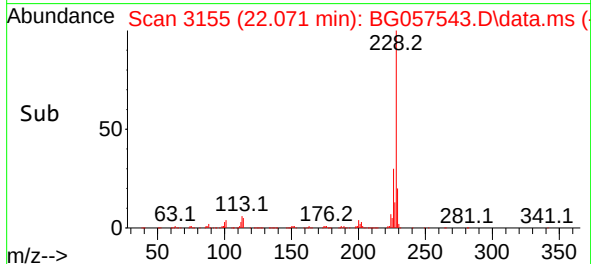
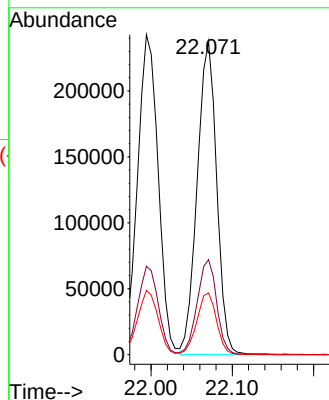
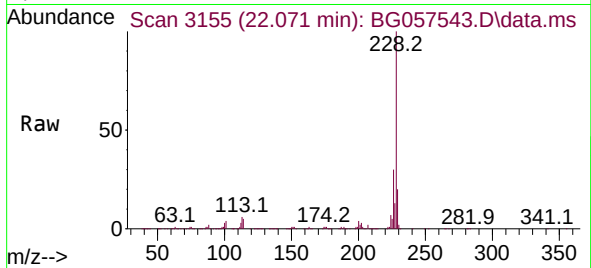
229 19.7 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/25/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.872 ng

RT: 21.836 min Scan# 3115

Delta R.T. -0.012 min

Lab File: BG057543.D

Acq: 24 May 2023 20:58

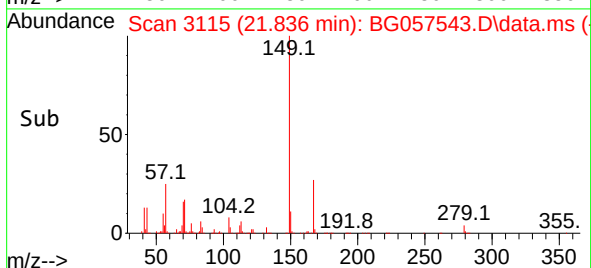
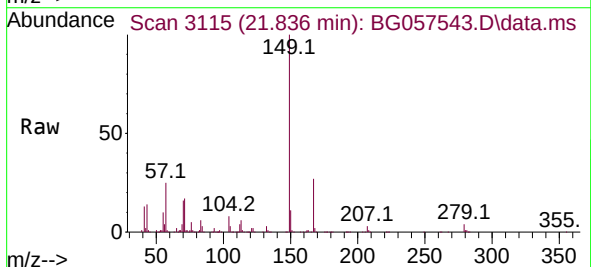
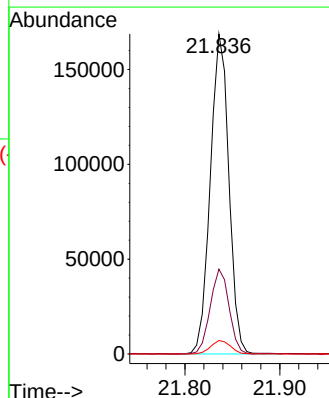
Tgt Ion:149 Resp: 229169

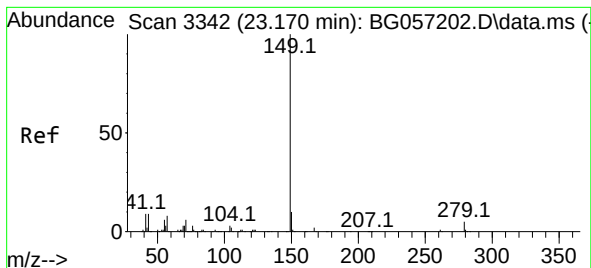
Ion Ratio Lower Upper

149 100

167 26.5 21.2 31.8

279 4.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 54.092 ng

RT: 23.128 min Scan# 31

Delta R.T. -0.018 min

Lab File: BG057543.D

Acq: 24 May 2023 20:58

Instrument :

BNA_G

ClientSampleId :

SB08MSD

Tgt Ion:149 Resp: 38361

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

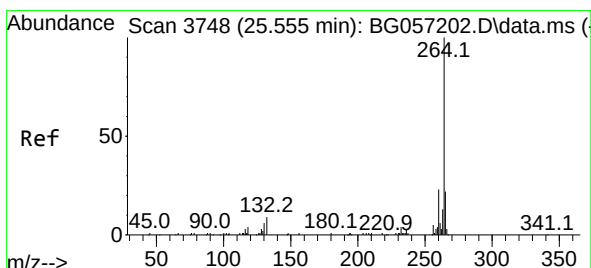
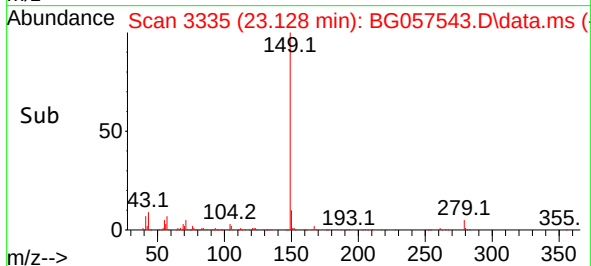
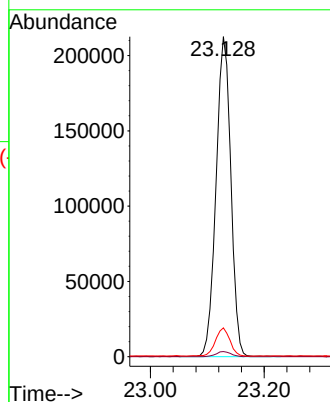
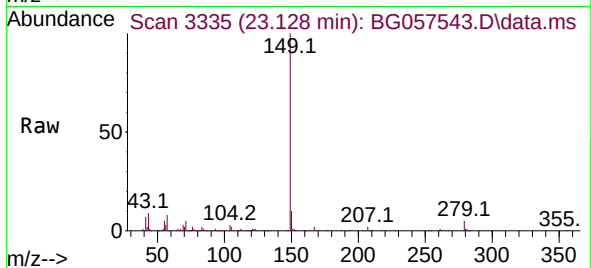
43 8.5 7.8 11.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/25/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.519 min Scan# 3742

Delta R.T. -0.023 min

Lab File: BG057543.D

Acq: 24 May 2023 20:58

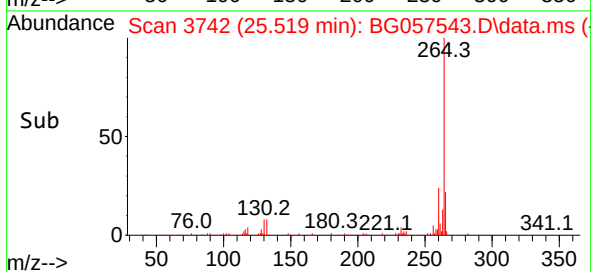
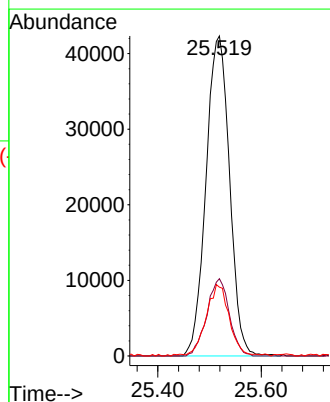
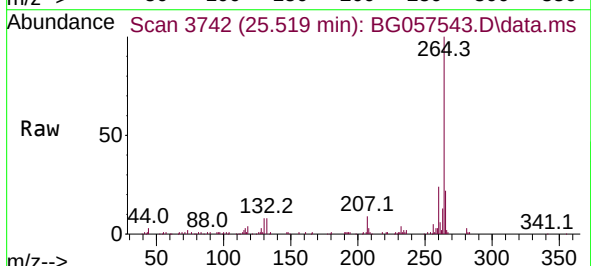
Tgt Ion:264 Resp: 133730

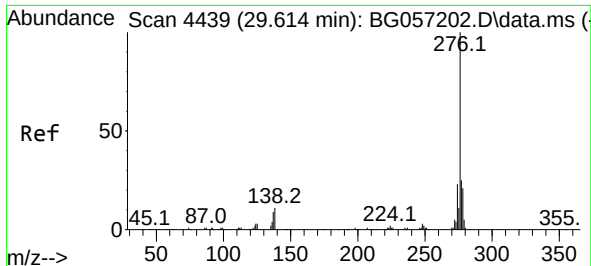
Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

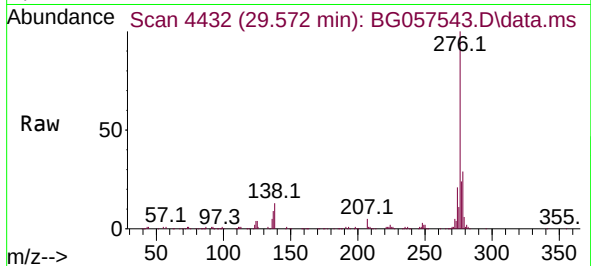
265 21.5 17.9 26.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.612 ng
RT: 29.572 min Scan# 4439
Delta R.T. -0.047 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

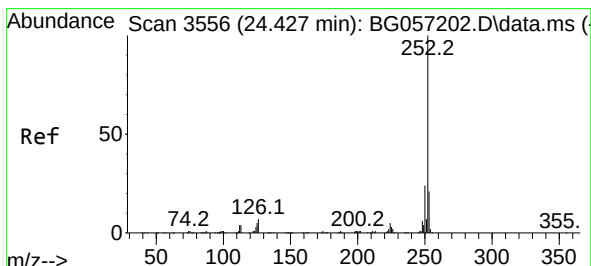
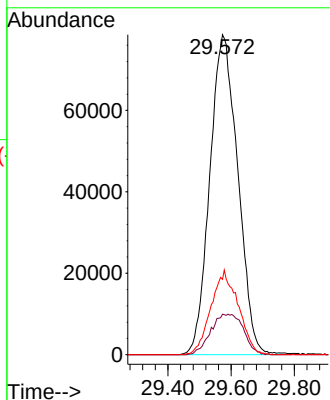
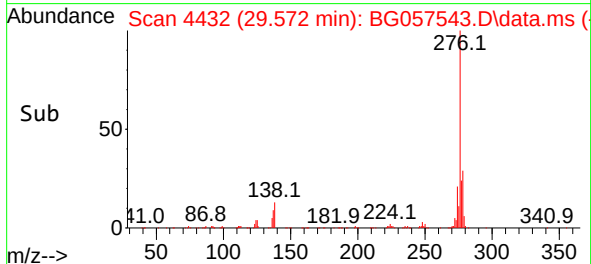
Instrument :
BNA_G
ClientSampleId :
SB08MSD



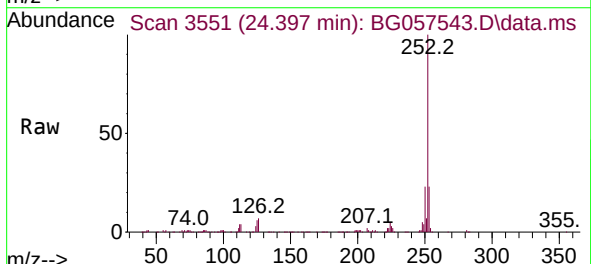
Tgt Ion:276 Resp: 48354
Ion Ratio Lower Upper
276 100
138 7.3 5.4 8.0
277 25.7 20.6 30.8

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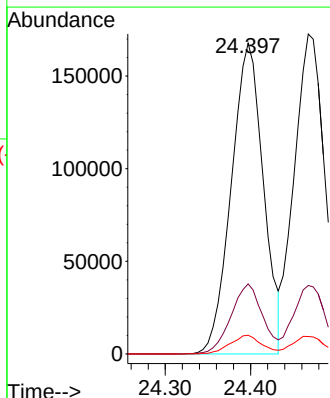
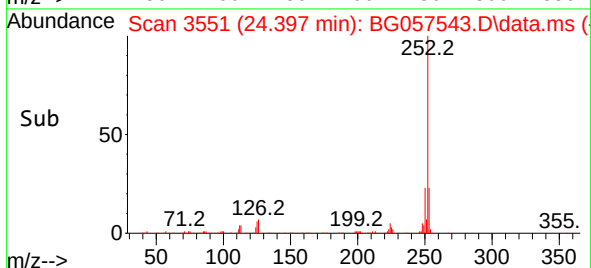
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

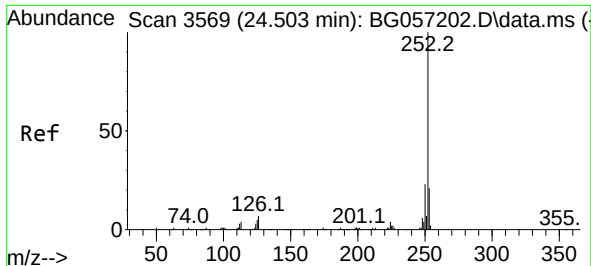


#88
Benzo(b)fluoranthene
Concen: 50.220 ng
RT: 24.397 min Scan# 3551
Delta R.T. -0.023 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58



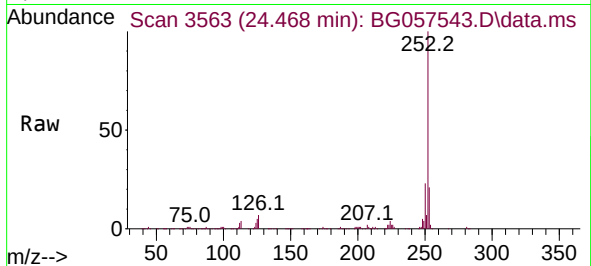
Tgt Ion:252 Resp: 439014
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 6.0 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 48.358 ng
RT: 24.468 min Scan# 31
Delta R.T. -0.029 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

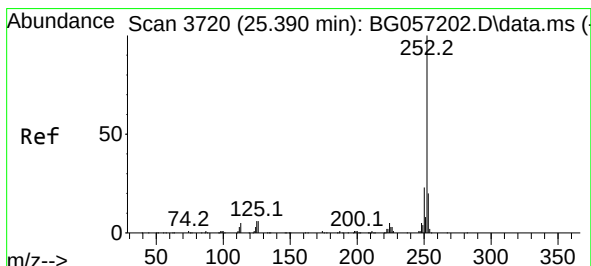
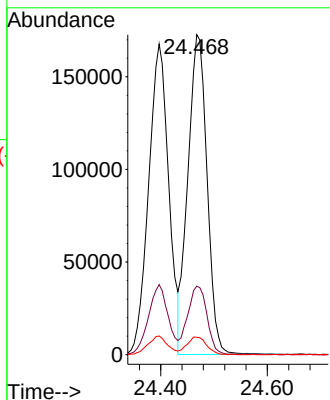
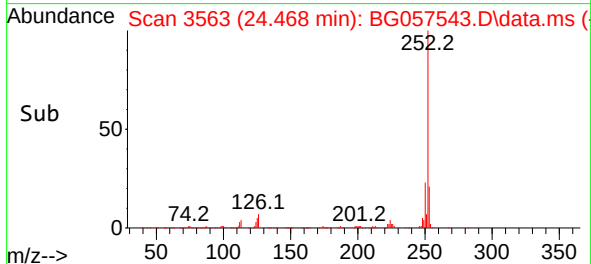
Instrument :
BNA_G
ClientSampleId :
SB08MSD



Tgt Ion:252 Resp: 42957
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 5.5 4.1 6.1

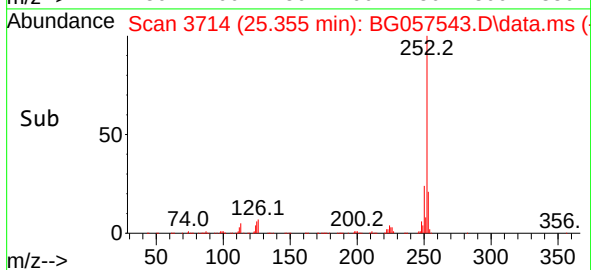
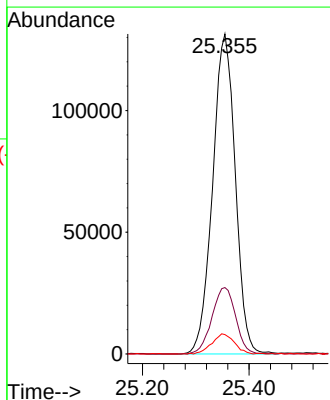
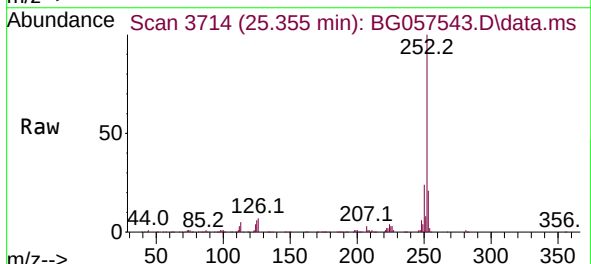
Manual Integrations
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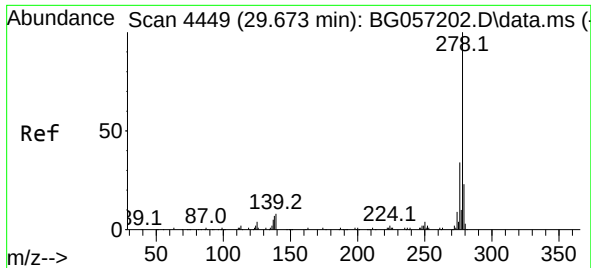
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#90
Benzo(a)pyrene
Concen: 45.407 ng
RT: 25.355 min Scan# 3714
Delta R.T. -0.029 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

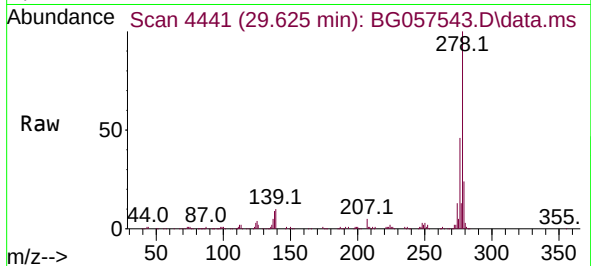
Tgt Ion:252 Resp: 387794
Ion Ratio Lower Upper
252 100
253 20.8 16.3 24.5
125 6.1 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 49.717 ng
RT: 29.625 min Scan# 4449
Delta R.T. -0.035 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58

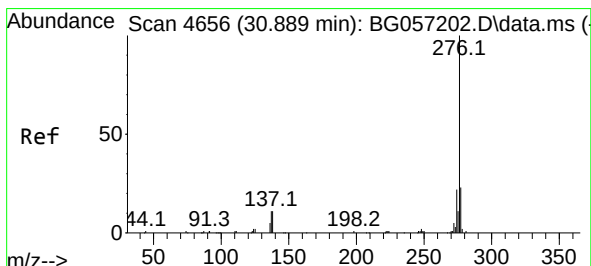
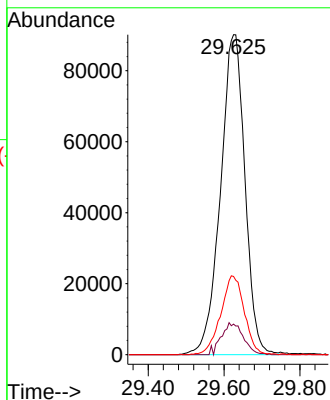
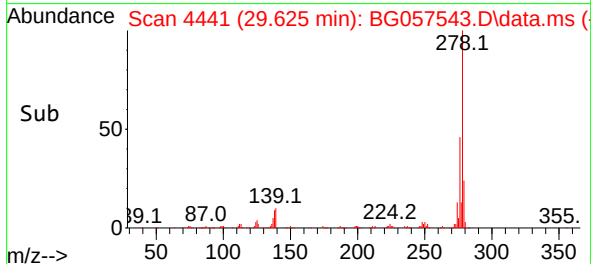
Instrument :
BNA_G
ClientSampleId :
SB08MSD



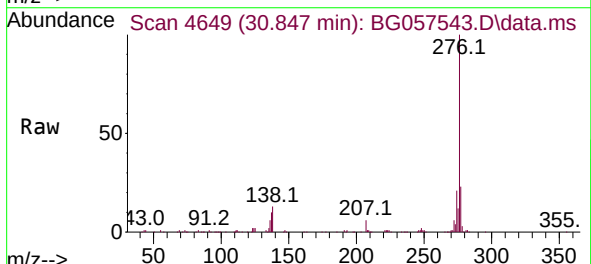
Tgt Ion:278 Resp: 403542
Ion Ratio Lower Upper
278 100
139 9.6 6.2 9.2
279 24.4 18.6 27.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 49.461 ng
RT: 30.847 min Scan# 4649
Delta R.T. -0.047 min
Lab File: BG057543.D
Acq: 24 May 2023 20:58



Tgt Ion:276 Resp: 392002
Ion Ratio Lower Upper
276 100
277 22.8 18.4 27.6
138 13.0 9.0 13.4

