

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
 Data File : BG057097.D
 Acq On : 14 Apr 2023 12:34
 Operator : CG/JU
 Sample : PB152103BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152103BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/17/2023
 Supervised By : Jagrut Upadhyay 04/17/2023

Quant Time: Apr 14 13:37:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.404	152	14098	20.000	ng	0.00
21) Naphthalene-d8	11.242	136	59989	20.000	ng	# 0.00
39) Acenaphthene-d10	15.013	164	46367	20.000	ng	0.00
64) Phenanthrene-d10	17.756	188	112932	20.000	ng	# 0.00
76) Chrysene-d12	22.074	240	99258	20.000	ng	# 0.00
86) Perylene-d12	25.605	264	106430	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.914	112	144726	164.297	ng	0.00
7) Phenol-d6	7.535	99	206789	156.960	ng	0.00
23) Nitrobenzene-d5	9.579	82	129286	88.184	ng	0.00
42) 2,4,6-Tribromophenol	16.499	330	110758	149.526	ng	0.00
45) 2-Fluorobiphenyl	13.639	172	310188	90.715	ng	0.00
79) Terphenyl-d14	20.324	244	598420	102.019	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.711	88	13632	35.303	ng	95
3) Pyridine	4.134	79	40509	32.571	ng	97
4) n-Nitrosodimethylamine	4.046	42	22303	39.003	ng	86
6) Aniline	7.711	93	64699	38.414	ng	98
8) 2-Chlorophenol	7.958	128	46575	53.083	ng	95
9) Benzaldehyde	7.517	77	30312	36.682	ng	90
10) Phenol	7.564	94	68314	52.330	ng	97
11) bis(2-Chloroethyl)ether	7.799	93	44877	48.260	ng	98
12) 1,3-Dichlorobenzene	8.293	146	45553	46.987	ng	99
13) 1,4-Dichlorobenzene	8.440	146	47956	49.011	ng	95
14) 1,2-Dichlorobenzene	8.763	146	45538	48.172	ng	92
15) Benzyl Alcohol	8.634	79	50675	46.291	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.921	45	58606m	52.295	ng	
17) 2-Methylphenol	8.833	107	46864	50.318	ng	91
18) Hexachloroethane	9.503	117	17394	48.636	ng	95
19) n-Nitroso-di-n-propyla...	9.203	70	42555	45.159	ng	98
20) 3+4-Methylphenols	9.162	107	63173	48.508	ng	95
22) Acetophenone	9.233	105	76540	42.878	ng	# 95
24) Nitrobenzene	9.620	77	64182	42.819	ng	97
25) Isophorone	10.143	82	114096	40.868	ng	97
26) 2-Nitrophenol	10.343	139	26662	46.083	ng	90
27) 2,4-Dimethylphenol	10.378	122	49299	48.261	ng	96
28) bis(2-Chloroethoxy)met...	10.619	93	64639	46.247	ng	98
29) 2,4-Dichlorophenol	10.878	162	51414	46.800	ng	97
30) 1,2,4-Trichlorobenzene	11.101	180	51769	44.350	ng	97
31) Naphthalene	11.295	128	142718	43.647	ng	97
32) Benzoic acid	10.525	122	31592m	45.023	ng	
33) 4-Chloroaniline	11.389	127	37310	25.264	ng	97
34) Hexachlorobutadiene	11.565	225	34690	39.563	ng	98
35) Caprolactam	12.152	113	17045m	44.990	ng	
36) 4-Chloro-3-methylphenol	12.481	107	55830	45.443	ng	98
37) 2-Methylnaphthalene	12.869	142	108279	41.724	ng	97
38) 1-Methylnaphthalene	13.086	142	101035	41.462	ng	96
40) 1,2,4,5-Tetrachloroben...	13.227	216	69340	43.125	ng	97
41) Hexachlorocyclopentadiene	13.204	237	96879	109.357	ng	95
43) 2,4,6-Trichlorophenol	13.456	196	48177	46.954	ng	92

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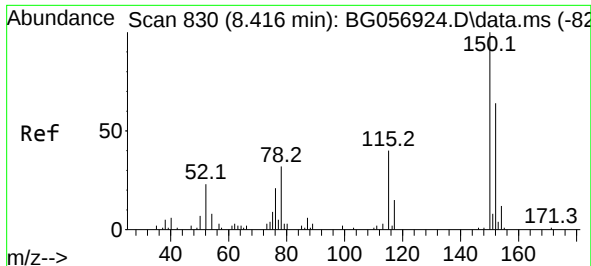
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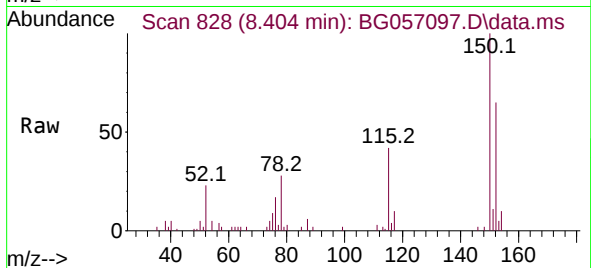
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.533	196	51177	42.103	ng	98
46) 1,1'-Biphenyl	13.850	154	153501	45.225	ng	97
47) 2-Chloronaphthalene	13.903	162	120624	48.051	ng	97
48) 2-Nitroaniline	14.097	65	40598	45.228	ng	90
49) Acenaphthylene	14.743	152	187961	45.572	ng	99
50) Dimethylphthalate	14.449	163	163050	44.630	ng	100
51) 2,6-Dinitrotoluene	14.578	165	37304	47.259	ng	92
52) Acenaphthene	15.078	154	146576m	51.528	ng	
53) 3-Nitroaniline	14.913	138	25600	32.765	ng	87
54) 2,4-Dinitrophenol	15.119	184	47837	107.669	ng	96
55) Dibenzofuran	15.413	168	193423	45.304	ng	96
56) 4-Nitrophenol	15.207	139	57641	99.767	ng	90
57) 2,4-Dinitrotoluene	15.366	165	53863	48.382	ng	89
58) Fluorene	16.053	166	158175	44.772	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.630	232	49083	44.350	ng	# 95
60) Diethylphthalate	15.800	149	171165	46.734	ng	98
61) 4-Chlorophenyl-phenyle...	16.035	204	90151	43.462	ng	99
62) 4-Nitroaniline	16.071	138	37264	46.033	ng	92
63) Azobenzene	16.329	77	164655	45.111	ng	95
65) 4,6-Dinitro-2-methylph...	16.123	198	33497	48.975	ng	99
66) n-Nitrosodiphenylamine	16.247	169	139501	46.016	ng	99
67) 4-Bromophenyl-phenylether	16.928	248	60224	43.099	ng	97
68) Hexachlorobenzene	17.057	284	66912	48.435	ng	97
69) Atrazine	17.181	200	58794	46.721	ng	98
70) Pentachlorophenol	17.398	266	77959	78.660	ng	96
71) Phenanthrene	17.798	178	264443	45.928	ng	99
72) Anthracene	17.886	178	268479	45.486	ng	98
73) Carbazole	18.150	167	232575	45.193	ng	# 93
74) Di-n-butylphthalate	18.673	149	277466	46.561	ng	100
75) Fluoranthene	19.783	202	316192	43.321	ng	97
77) Benzidine	19.948	184	137170	50.559	ng	98
78) Pyrene	20.147	202	317758	46.285	ng	97
80) Butylbenzylphthalate	20.999	149	119949	50.773	ng	92
81) Benzo(a)anthracene	22.051	228	315298	45.904	ng	99
82) 3,3'-Dichlorobenzidine	21.945	252	81360	35.078	ng	100
83) Chrysene	22.121	228	292736	45.518	ng	98
84) Bis(2-ethylhexyl)phtha...	21.898	149	169340	49.502	ng	97
85) Di-n-octyl phthalate	23.208	149	286868	49.762	ng	99
87) Indeno(1,2,3-cd)pyrene	29.682	276	373701	47.510	ng	# 97
88) Benzo(b)fluoranthene	24.471	252	331789	49.853	ng	99
89) Benzo(k)fluoranthene	24.547	252	326292	49.109	ng	# 98
90) Benzo(a)pyrene	25.440	252	288692	44.143	ng	# 99
91) Dibenzo(a,h)anthracene	29.752	278	314810	48.691	ng	98
92) Benzo(g,h,i)perylene	30.974	276	297976	47.067	ng	# 98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.404 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

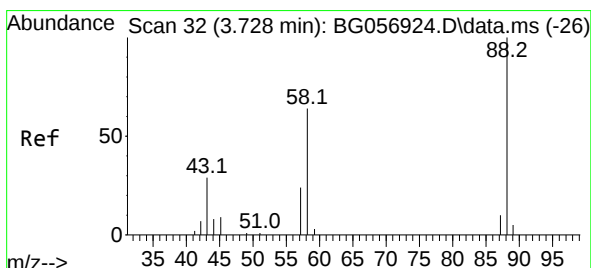
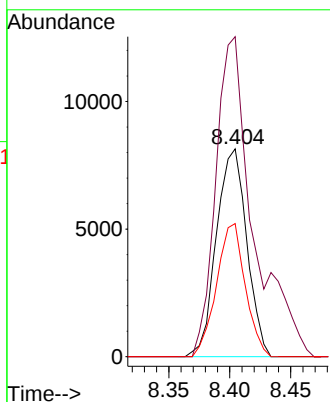
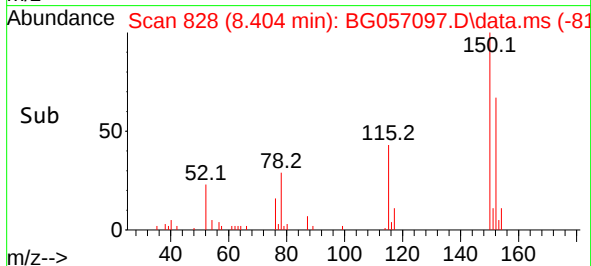
Instrument :
BNA_G
ClientSampleId :
PB152103BSD



Tgt Ion:152 Resp: 14098
Ion Ratio Lower Upper
152 100
150 153.9 124.1 186.1
115 64.0 49.1 73.7

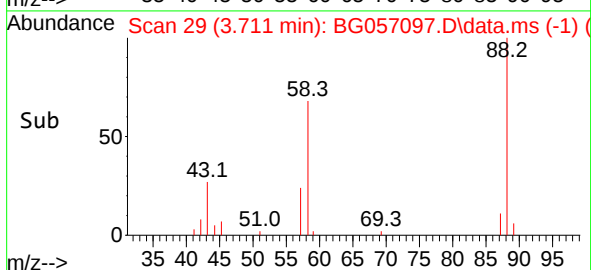
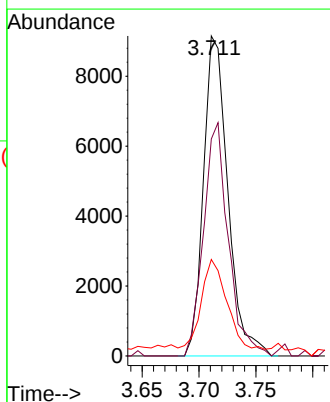
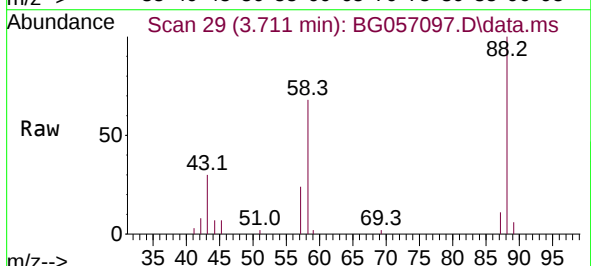
Manual Integrations
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#2
1,4-Dioxane
Concen: 35.303 ng
RT: 3.711 min Scan# 29
Delta R.T. -0.013 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

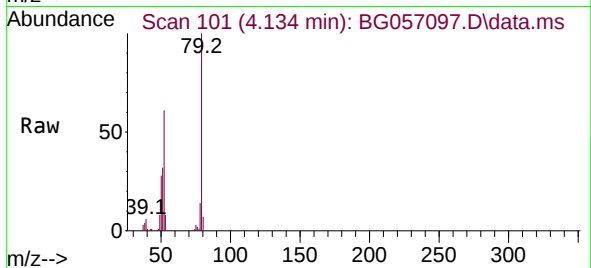
Tgt Ion: 88 Resp: 13632
Ion Ratio Lower Upper
88 100
58 73.9 55.9 83.9
43 29.7 25.7 38.5





#3
 Pyridine
 Concen: 32.571 ng
 RT: 4.134 min Scan# 10
 Delta R.T. -0.013 min
 Lab File: BG057097.D
 Acq: 14 Apr 2023 12:34

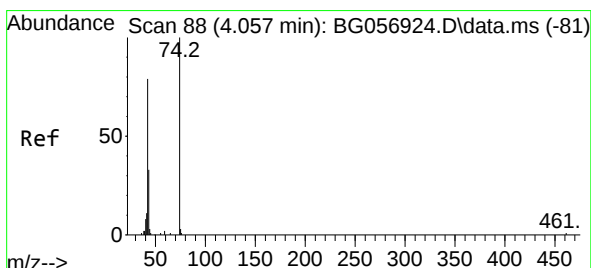
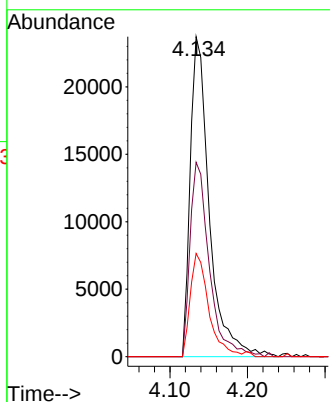
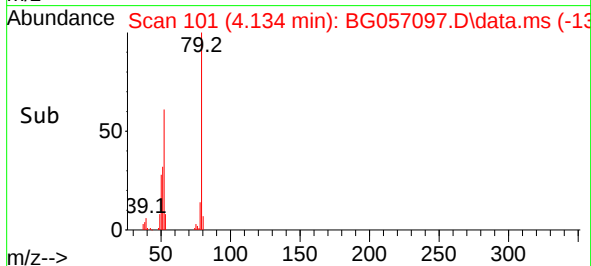
Instrument :
 BNA_G
 ClientSampleId :
 PB152103BSD



Tgt Ion: 79 Resp: 40509
 Ion Ratio Lower Upper
 79 100
 52 60.8 46.1 69.1
 51 32.3 26.1 39.1

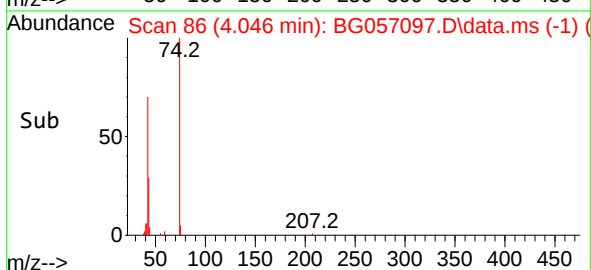
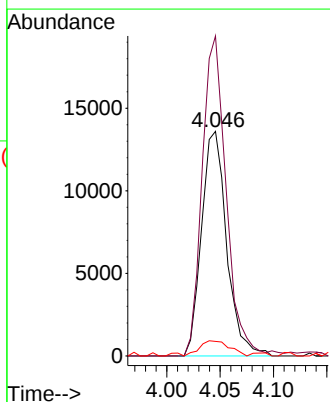
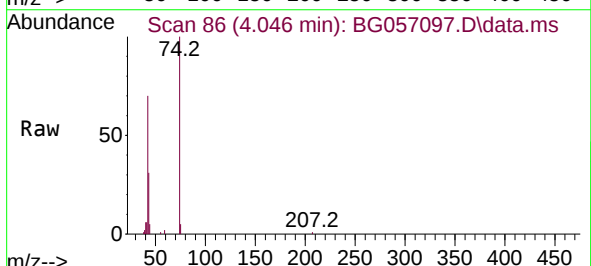
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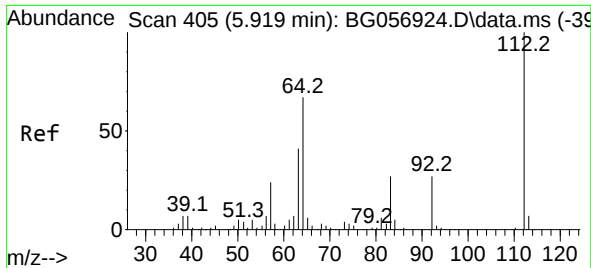
Reviewed By :Christian Giraldo 04/17/2023
 Supervised By :Jagrut Upadhyay 04/17/2023



#4
 n-Nitrosodimethylamine
 Concen: 39.003 ng
 RT: 4.046 min Scan# 86
 Delta R.T. -0.007 min
 Lab File: BG057097.D
 Acq: 14 Apr 2023 12:34

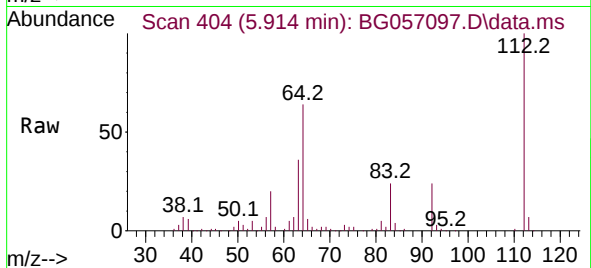
Tgt Ion: 42 Resp: 22303
 Ion Ratio Lower Upper
 42 100
 74 142.5 100.6 151.0
 44 6.5 4.6 7.0





#5
2-Fluorophenol
Concen: 164.297 ng
RT: 5.914 min Scan# 405
Delta R.T. -0.001 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

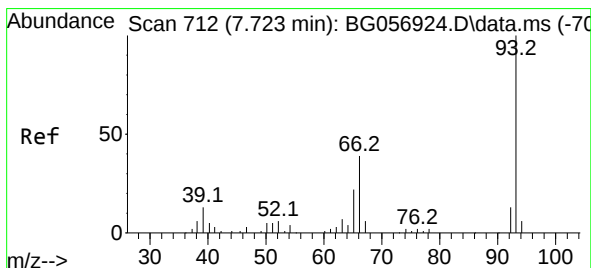
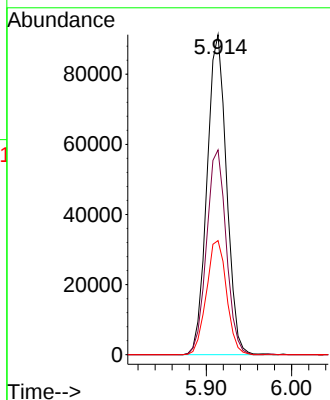
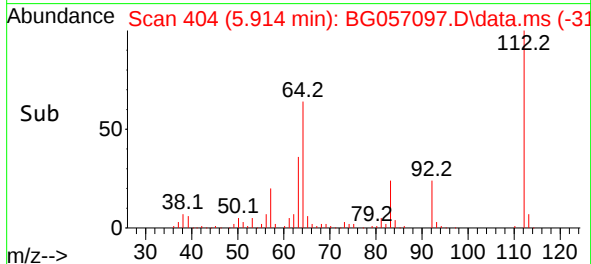
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 144720
Ion Ratio Lower Upper
112 100
64 64.0 53.2 79.8
63 35.6 32.6 48.8

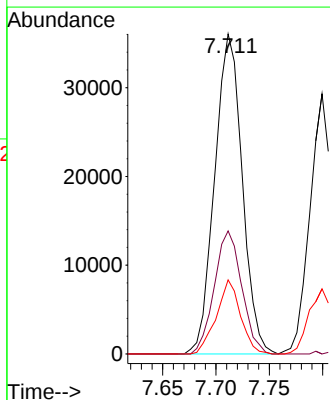
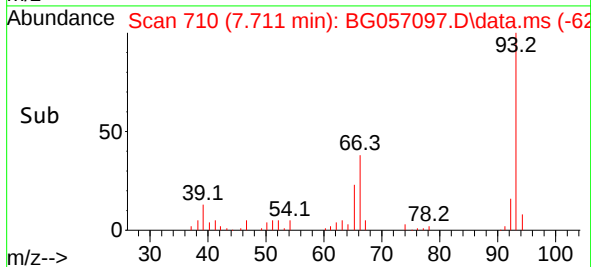
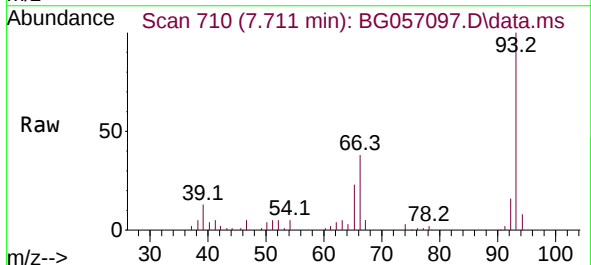
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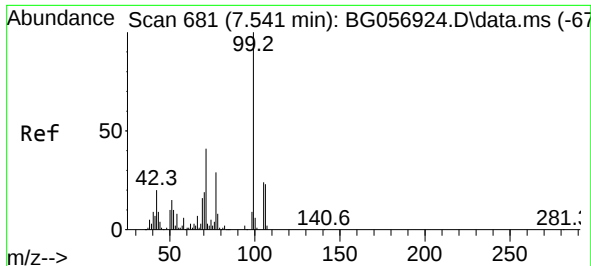
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#6
Aniline
Concen: 38.414 ng
RT: 7.711 min Scan# 710
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

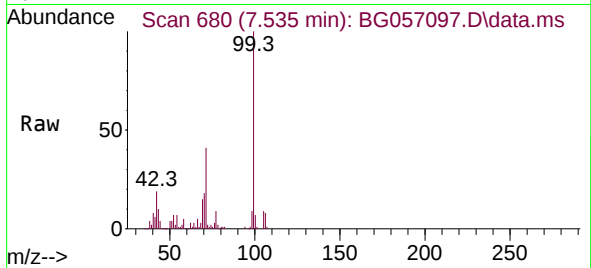
Tgt Ion: 93 Resp: 64699
Ion Ratio Lower Upper
93 100
66 38.5 31.4 47.0
65 23.2 17.3 25.9





#7
Phenol-d6
Concen: 156.960 ng
RT: 7.535 min Scan# 681
Delta R.T. -0.001 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

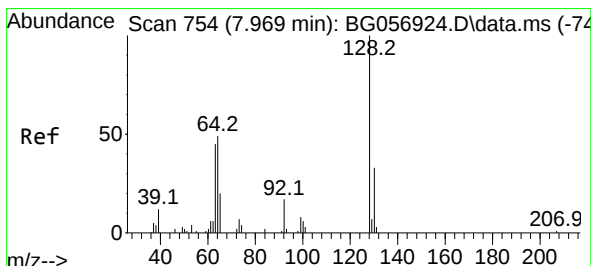
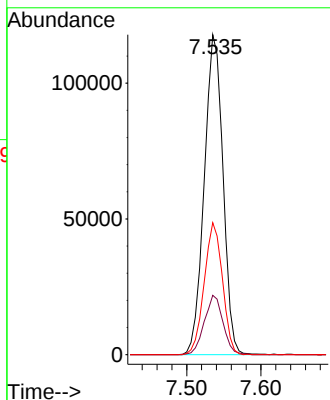
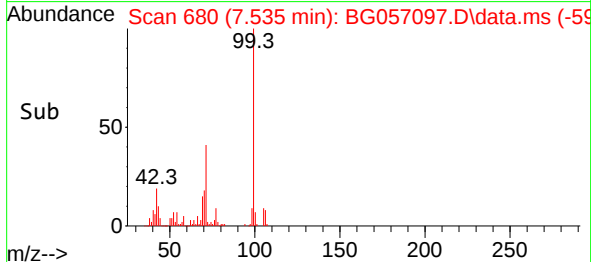
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 99 Resp: 206789
Ion Ratio Lower Upper
99 100
42 18.5 15.7 23.5
71 41.3 32.5 48.7

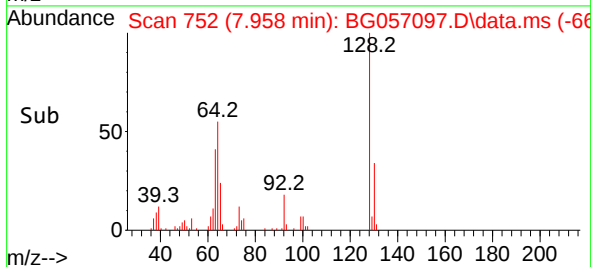
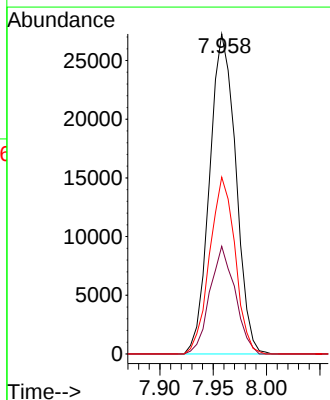
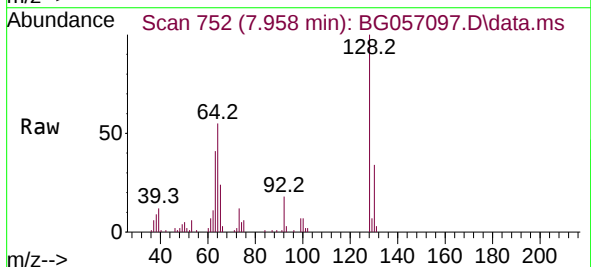
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#8
2-Chlorophenol
Concen: 53.083 ng
RT: 7.958 min Scan# 752
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

Tgt Ion:128 Resp: 46575
Ion Ratio Lower Upper
128 100
130 33.7 12.6 52.6
64 55.2 40.6 80.6





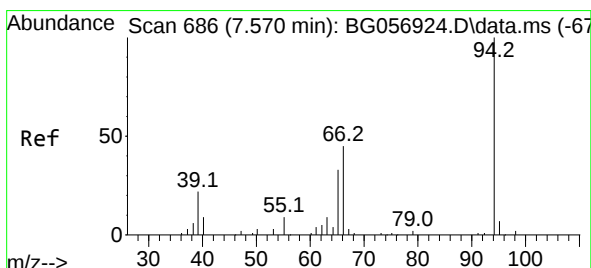
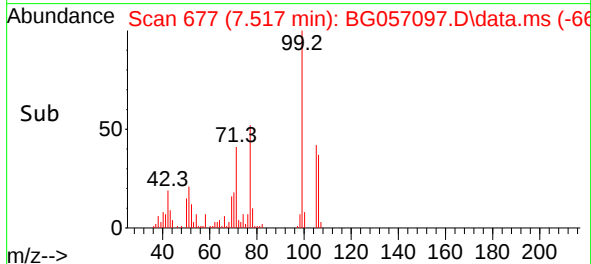
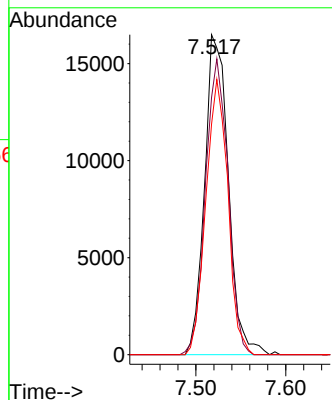
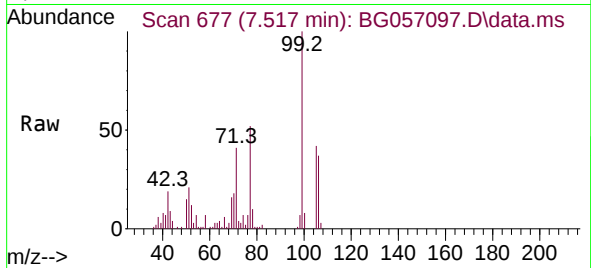
#9
Benzaldehyde
Concen: 36.682 ng
RT: 7.517 min Scan# 61
Delta R.T. -0.013 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

Instrument :
BNA_G
ClientSampleId :
PB152103BSD

Tgt Ion: 77 Resp: 3031
Ion Ratio Lower Upper
77 100
105 80.4 73.6 113.6
106 72.0 56.7 96.7

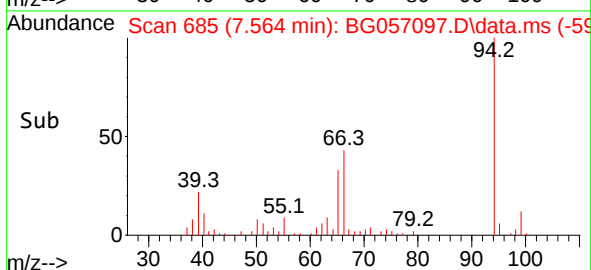
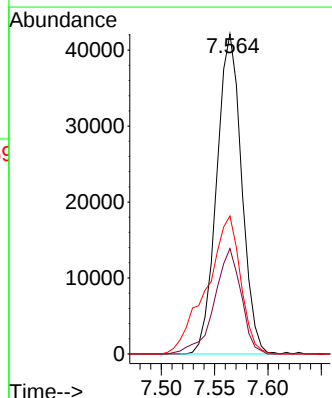
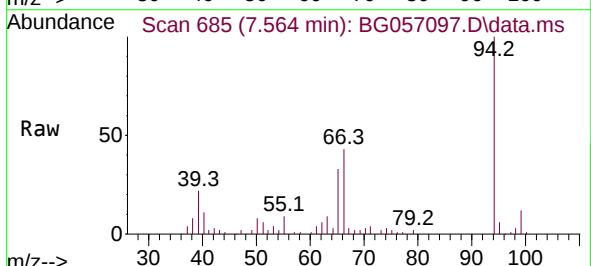
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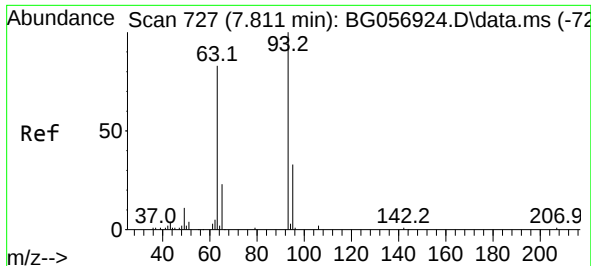
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#10
Phenol
Concen: 52.330 ng
RT: 7.564 min Scan# 685
Delta R.T. -0.001 min
Lab File: BG057097.D
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Tgt Ion: 94 Resp: 68314
Ion Ratio Lower Upper
94 100
65 32.9 13.3 53.3
66 43.1 26.7 66.7





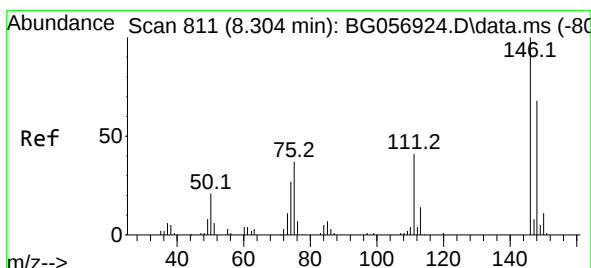
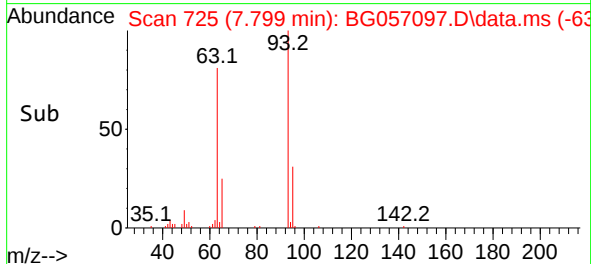
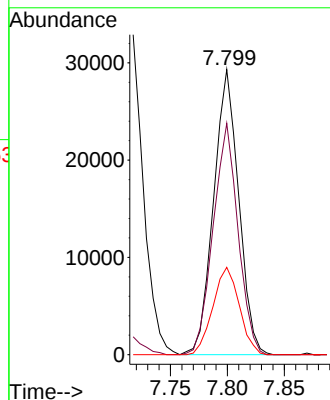
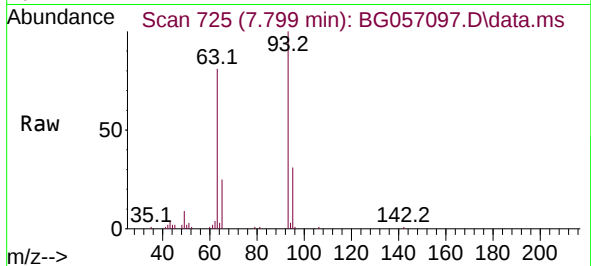
#11
bis(2-Chloroethyl)ether
Concen: 48.260 ng
RT: 7.799 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

Instrument :
BNA_G
ClientSampleId :
PB152103BSD

Tgt Ion: 93 Resp: 4487
Ion Ratio Lower Upper
93 100
63 81.2 62.7 102.7
95 30.6 12.3 52.3

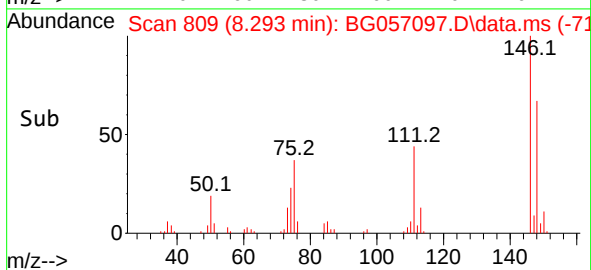
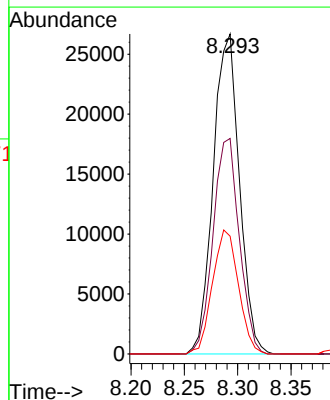
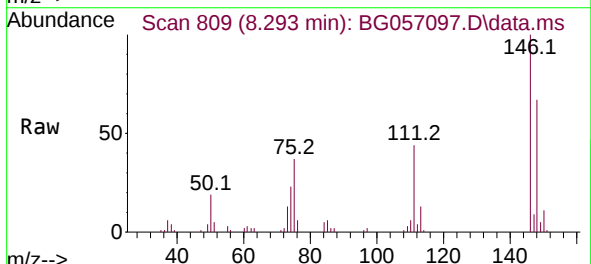
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#12
1,3-Dichlorobenzene
Concen: 46.987 ng
RT: 8.293 min Scan# 809
Delta R.T. -0.001 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

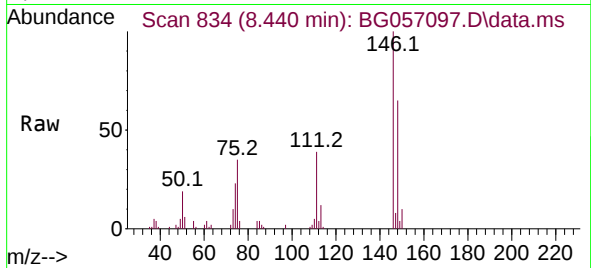
Tgt Ion:146 Resp: 45553
Ion Ratio Lower Upper
146 100
148 67.3 54.2 81.4
75 36.8 29.8 44.8





#13
1,4-Dichlorobenzene
Concen: 49.011 ng
RT: 8.440 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

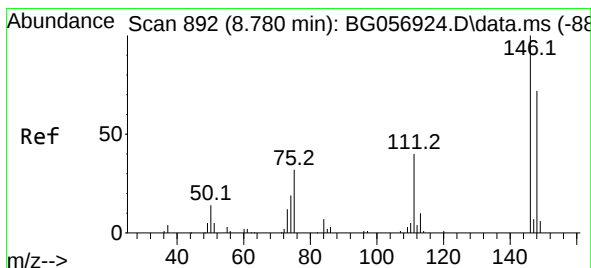
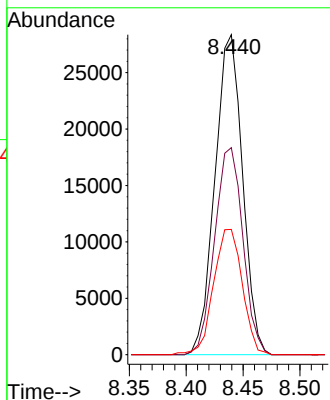
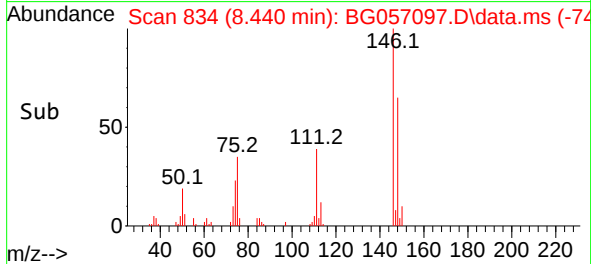
Instrument :
BNA_G
ClientSampleId :
PB152103BSD



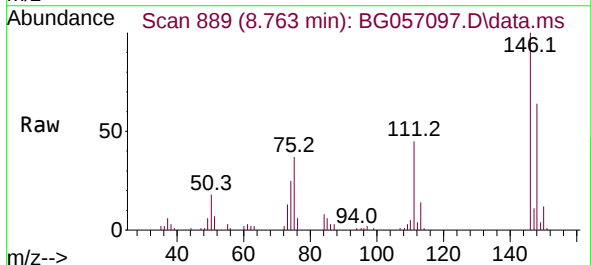
Tgt Ion:146 Resp: 47950
Ion Ratio Lower Upper
146 100
148 64.7 54.8 82.2
111 39.1 34.6 52.0

Manual Integrations
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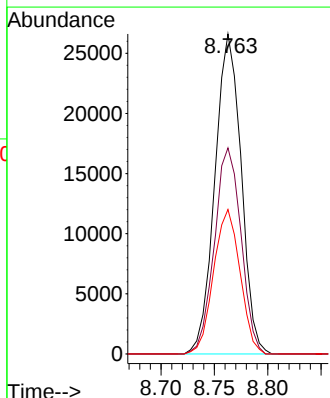
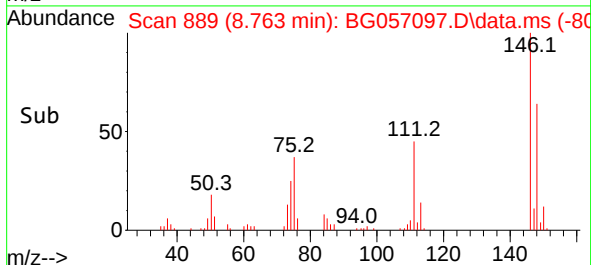
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#14
1,2-Dichlorobenzene
Concen: 48.172 ng
RT: 8.763 min Scan# 889
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34



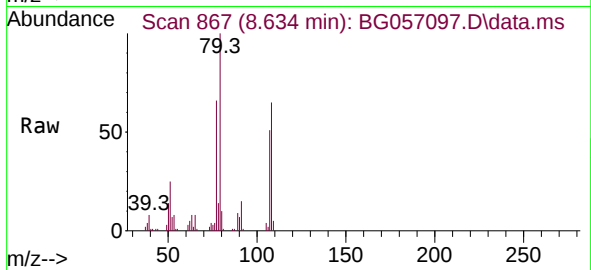
Tgt Ion:146 Resp: 45538
Ion Ratio Lower Upper
146 100
148 64.4 57.4 86.0
111 45.2 33.2 49.8





#15
Benzyl Alcohol
Concen: 46.291 ng
RT: 8.634 min Scan# 80
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

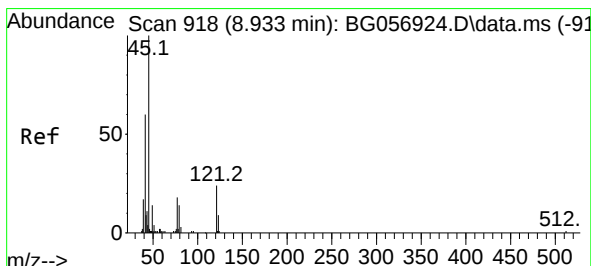
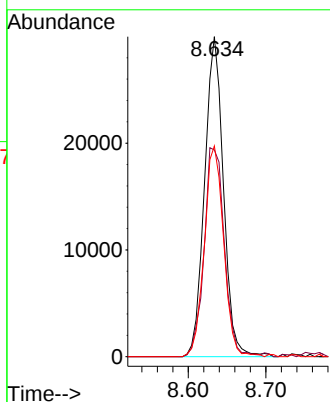
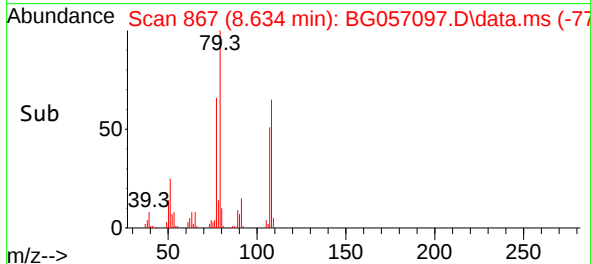
Instrument :
BNA_G
ClientSampleId :
PB152103BSD



Tgt Ion: 79 Resp: 50679
Ion Ratio Lower Upper
79 100
108 64.6 51.2 76.8
77 65.9 54.4 81.6

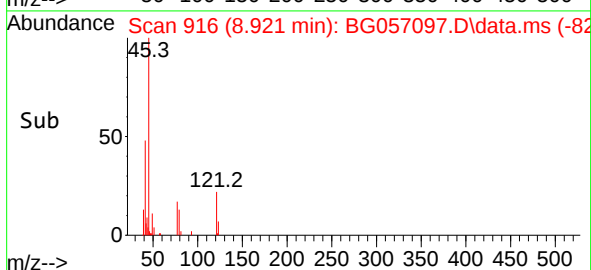
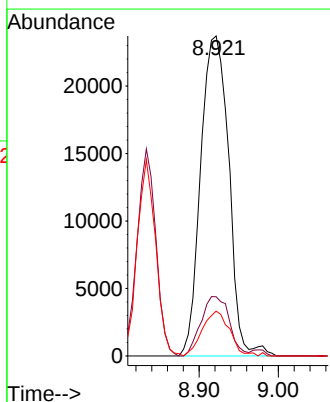
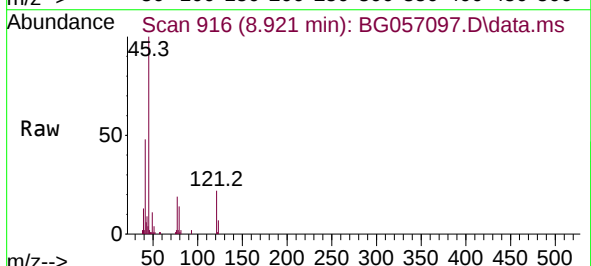
Manual Integrations
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Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.295 ng m
RT: 8.921 min Scan# 916
Delta R.T. -0.001 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

Tgt Ion: 45 Resp: 58606
Ion Ratio Lower Upper
45 100
77 18.5 0.0 38.7
79 14.0 0.0 35.1





#17

2-Methylphenol

Concen: 50.318 ng

RT: 8.833 min Scan# 903

Delta R.T. -0.007 min

Lab File: BG057097.D

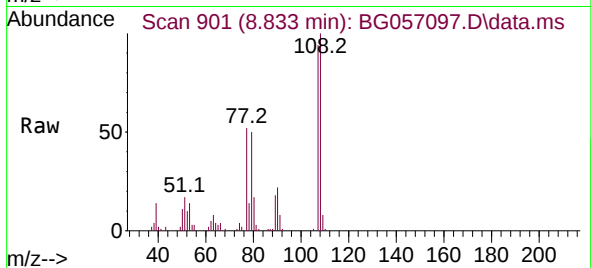
Acq: 14 Apr 2023 12:34

Instrument :

BNA_G

ClientSampleId :

PB152103BSD



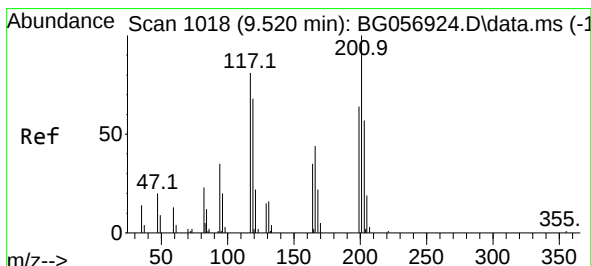
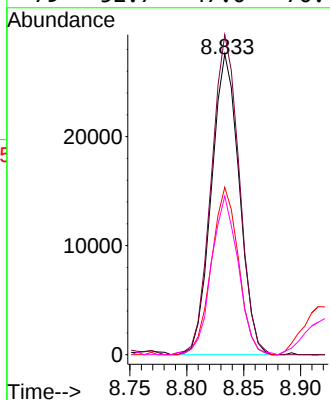
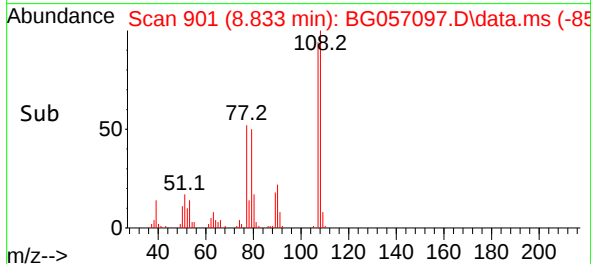
Tgt Ion:	107	Resp:	4686
Ion	Ratio	Lower	Upper
107	100		
108	106.4	96.0	144.0
77	55.6	45.6	68.4
79	52.7	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/17/2023

Supervised By :Jagrut Upadhyay 04/17/2023



#18

Hexachloroethane

Concen: 48.636 ng

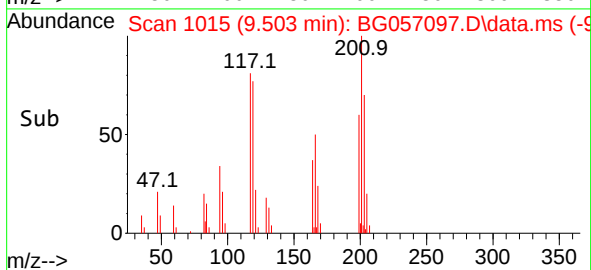
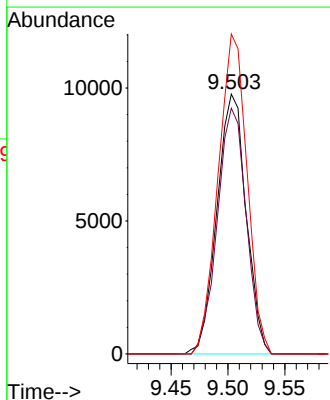
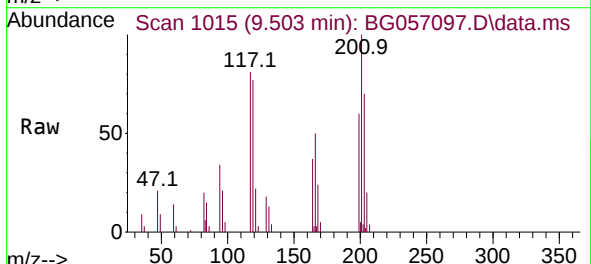
RT: 9.503 min Scan# 1015

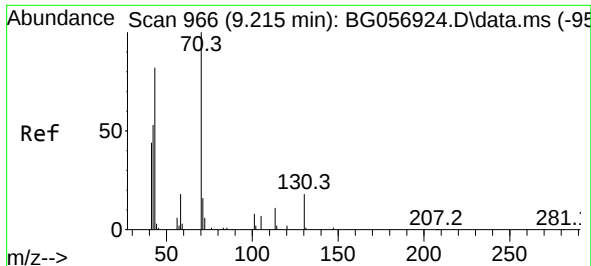
Delta R.T. -0.007 min

Lab File: BG057097.D

Acq: 14 Apr 2023 12:34

Tgt Ion:	117	Resp:	17394
Ion	Ratio	Lower	Upper
117	100		
119	94.5	67.0	100.6
201	123.1	98.7	148.1





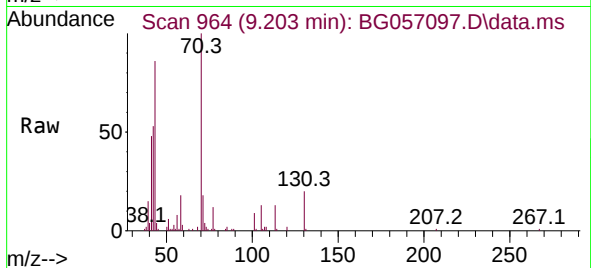
#19
n-Nitroso-di-n-propylamine
Concen: 45.159 ng
RT: 9.203 min Scan# 90
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

Instrument :

BNA_G

ClientSampleId :

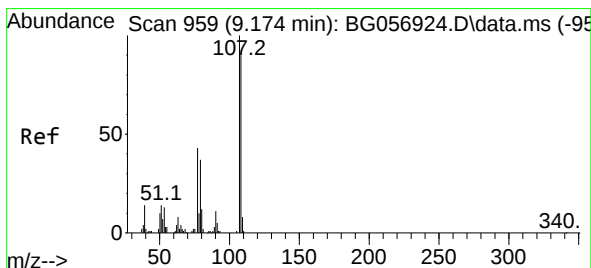
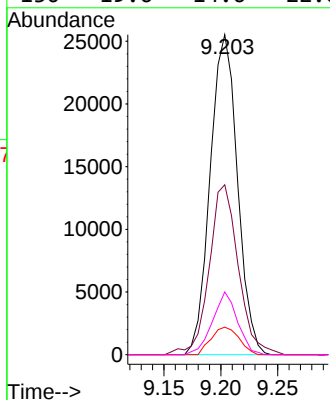
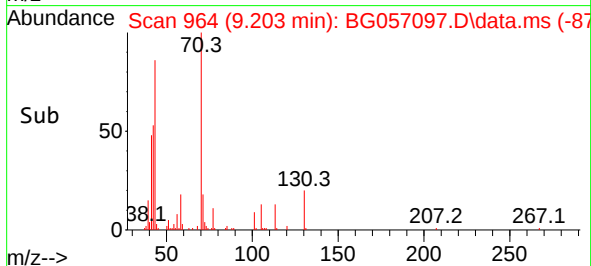
PB152103BSD



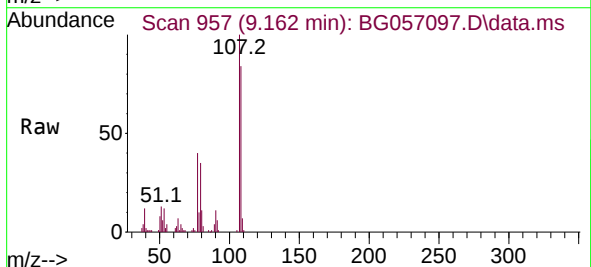
Tgt Ion: 70 Resp: 4255
Ion Ratio Lower Upper
70 100
42 53.1 43.4 65.0
101 8.6 6.2 9.2
130 19.6 14.6 22.0

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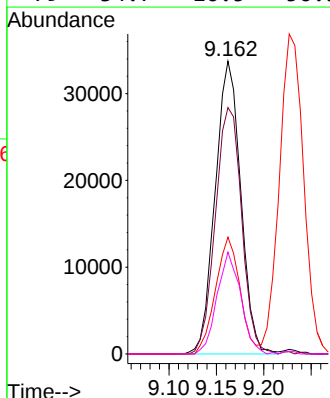
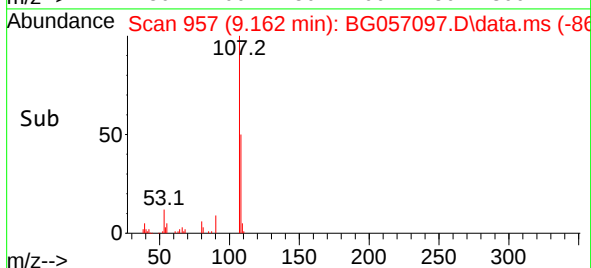
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

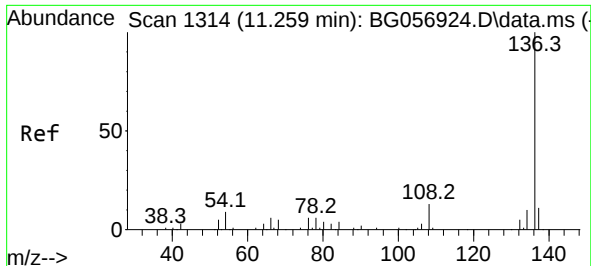


#20
3+4-Methylphenols
Concen: 48.508 ng
RT: 9.162 min Scan# 957
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34



Tgt Ion:107 Resp: 63173
Ion Ratio Lower Upper
107 100
108 84.2 69.9 109.9
77 39.9 22.7 62.7
79 34.7 16.5 56.5





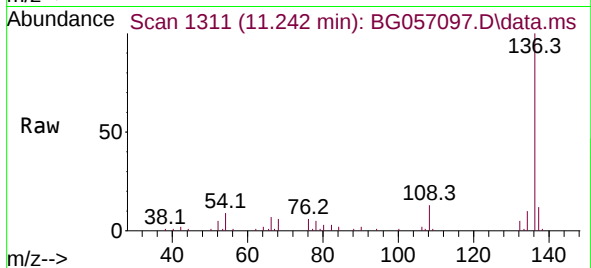
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.242 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

Instrument :

BNA_G

ClientSampleId :

PB152103BSD

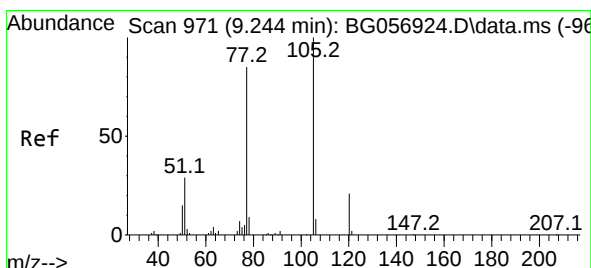
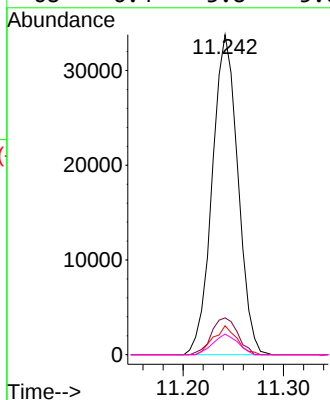
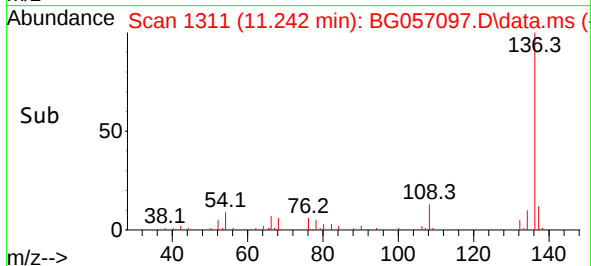


Tgt Ion:136 Resp: 59989
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 9.1 6.9 10.3
68 6.4 3.8 5.6#

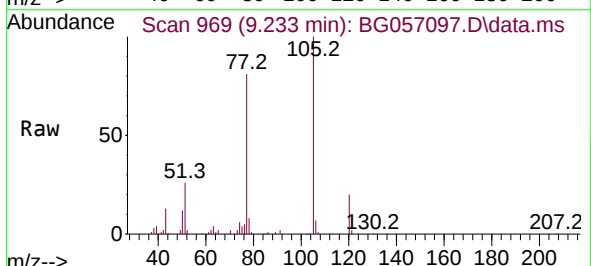
Manual Integrations

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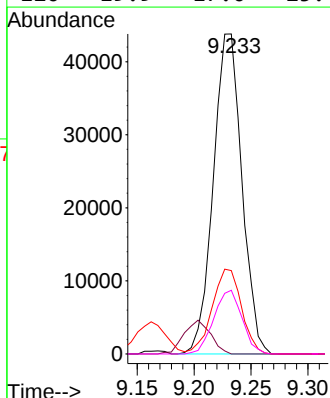
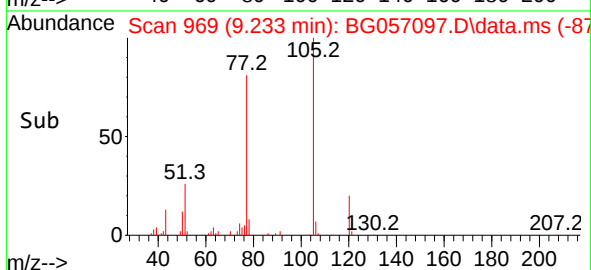
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

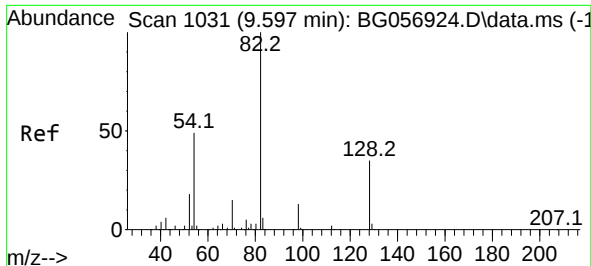


#22
Acetophenone
Concen: 42.878 ng
RT: 9.233 min Scan# 969
Delta R.T. -0.001 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34



Tgt Ion:105 Resp: 76540
Ion Ratio Lower Upper
105 100
71 0.0 0.7 1.1#
51 26.1 23.8 35.8
120 19.9 17.0 25.4





#23
Nitrobenzene-d5
Concen: 88.184 ng
RT: 9.579 min Scan# 1028
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

Instrument :

BNA_G

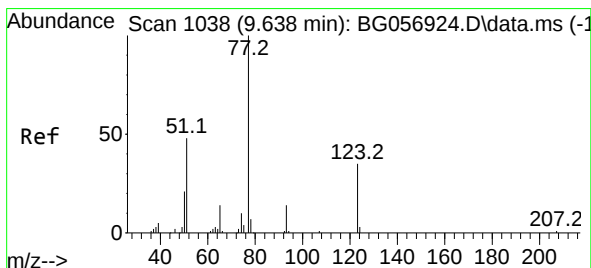
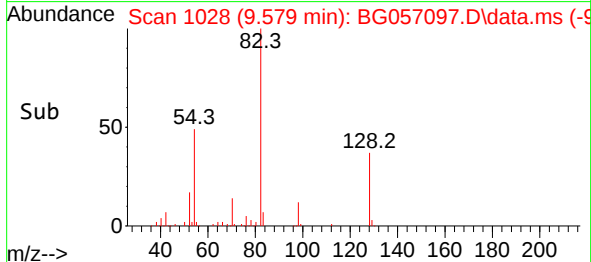
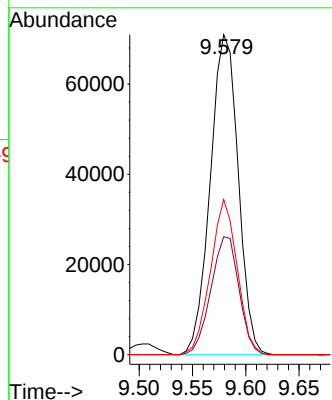
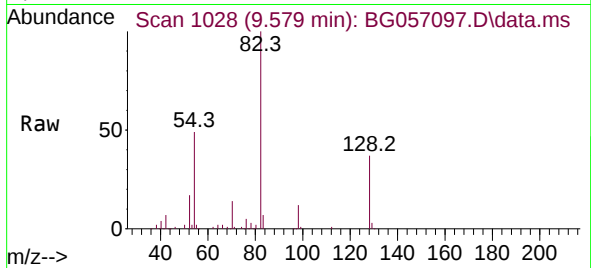
ClientSampleId :

PB152103BSD

Tgt Ion: 82 Resp: 129280
Ion Ratio Lower Upper
82 100
128 36.9 27.9 41.9
54 48.5 39.4 59.2

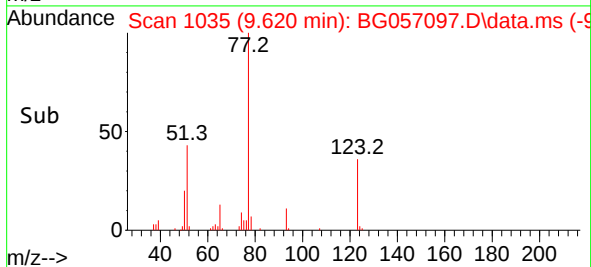
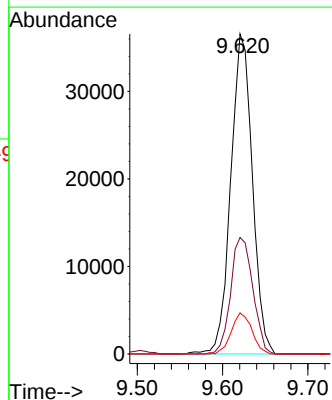
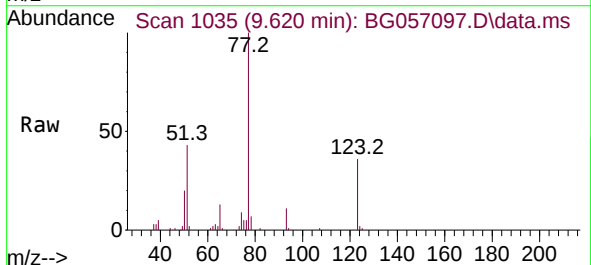
Manual Integrations
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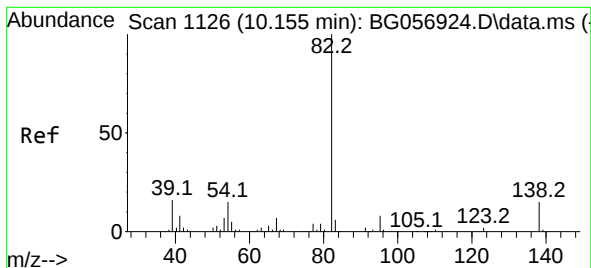
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#24
Nitrobenzene
Concen: 42.819 ng
RT: 9.620 min Scan# 1035
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

Tgt Ion: 77 Resp: 64182
Ion Ratio Lower Upper
77 100
123 36.4 27.6 41.4
65 12.9 11.5 17.3





#25

Isophorone

Concen: 40.868 ng

RT: 10.143 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG057097.D

Acq: 14 Apr 2023 12:34

Instrument :

BNA_G

ClientSampleId :

PB152103BSD

Tgt Ion: 82 Resp: 114090

Ion Ratio Lower Upper

82 100

95 7.7 6.3 9.5

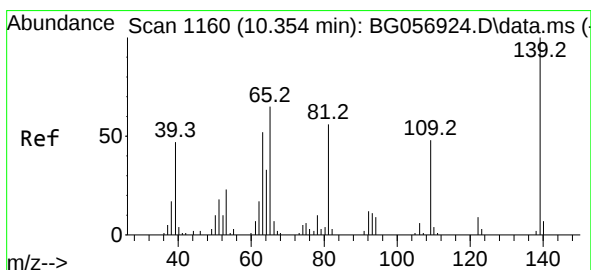
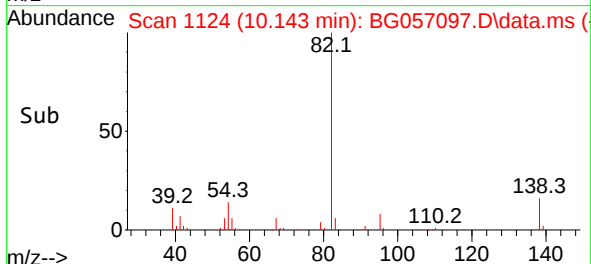
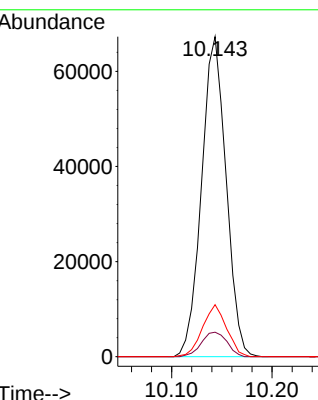
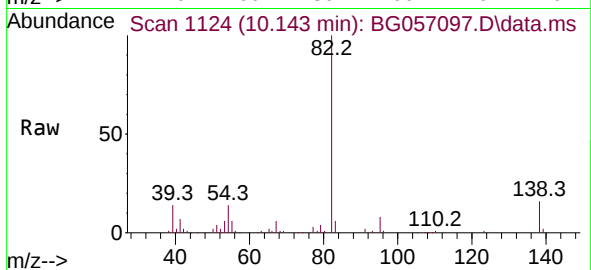
138 16.2 11.8 17.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/17/2023

Supervised By :Jagrut Upadhyay 04/17/2023



#26

2-Nitrophenol

Concen: 46.083 ng

RT: 10.343 min Scan# 1158

Delta R.T. -0.001 min

Lab File: BG057097.D

Acq: 14 Apr 2023 12:34

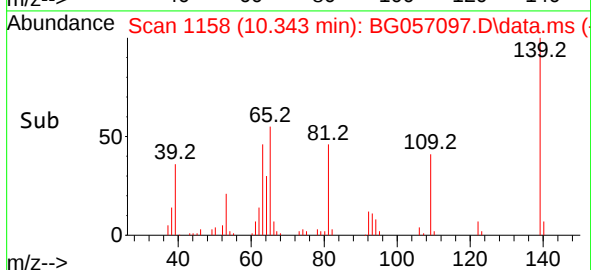
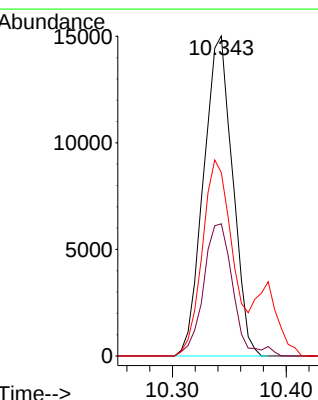
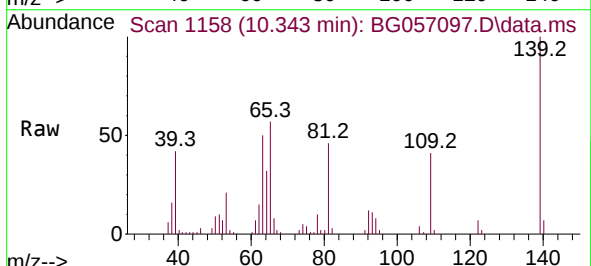
Tgt Ion:139 Resp: 26662

Ion Ratio Lower Upper

139 100

109 41.3 38.2 57.4

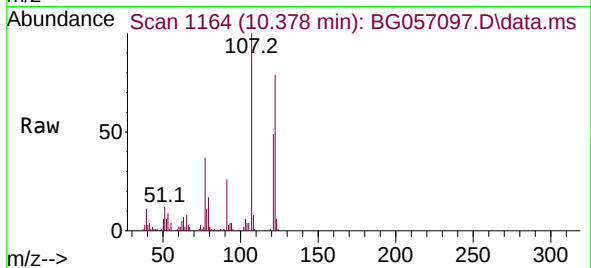
65 57.3 51.8 77.8





#27
2,4-Dimethylphenol
Concen: 48.261 ng
RT: 10.378 min Scan# 1164
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

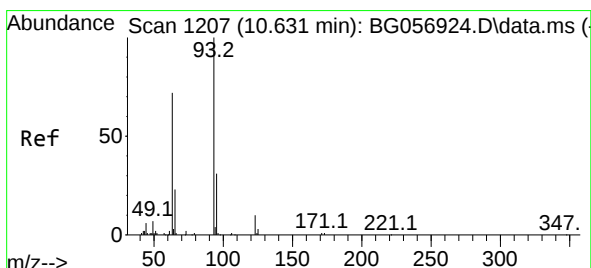
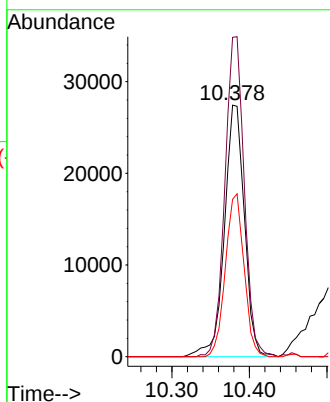
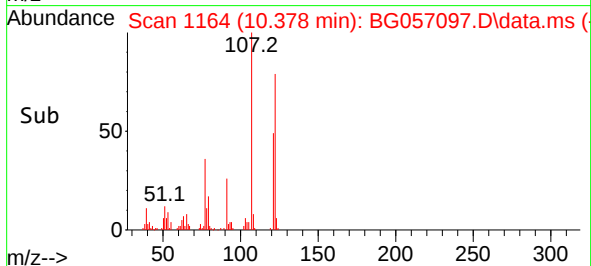
Instrument :
BNA_G
ClientSampleId :
PB152103BSD



Tgt Ion:122 Resp: 4929
Ion Ratio Lower Upper
122 100
107 127.0 105.7 158.5
121 62.6 48.0 72.0

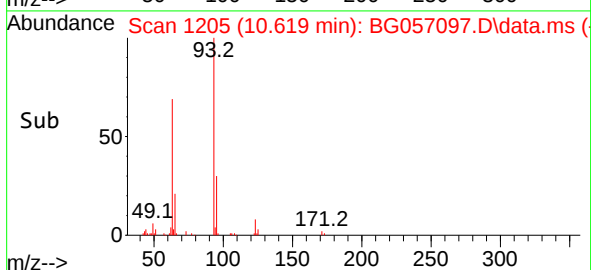
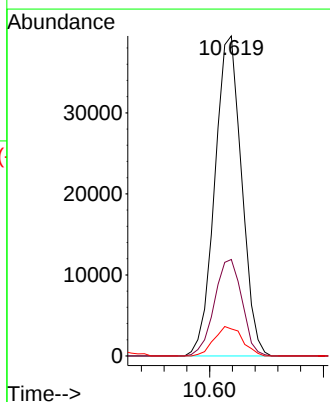
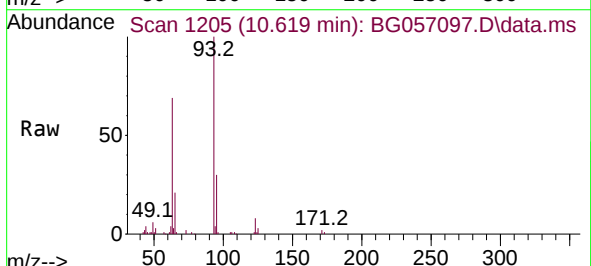
Manual Integrations
APPROVED

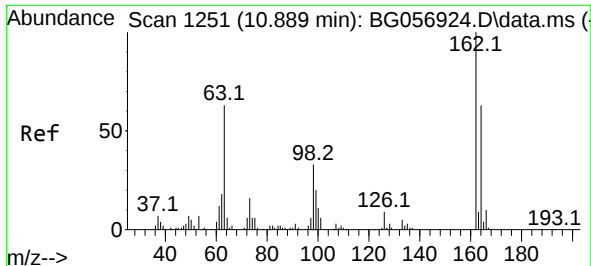
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#28
bis(2-Chloroethoxy)methane
Concen: 46.247 ng
RT: 10.619 min Scan# 1205
Delta R.T. -0.001 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

Tgt Ion: 93 Resp: 64639
Ion Ratio Lower Upper
93 100
95 30.1 24.6 37.0
123 8.4 7.8 11.6





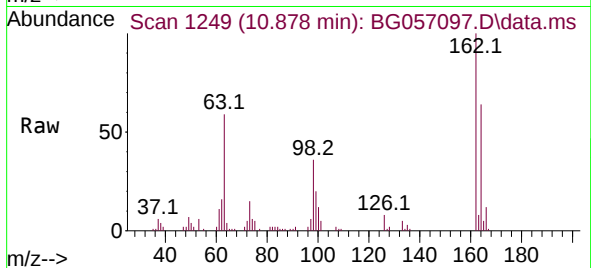
#29
2,4-Dichlorophenol
Concen: 46.800 ng
RT: 10.878 min Scan# 1249
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

Instrument :

BNA_G

ClientSampleId :

PB152103BSD

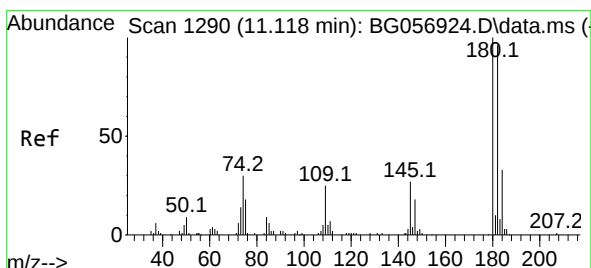
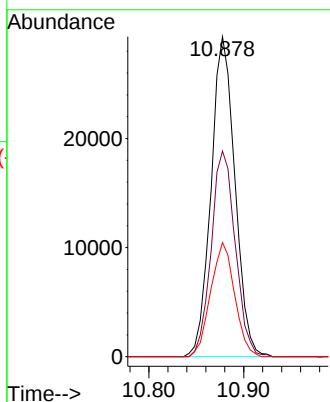
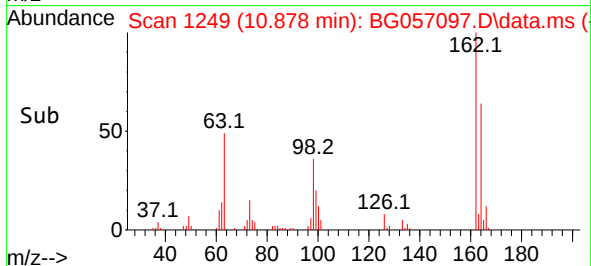


Tgt Ion:162 Resp: 51414
Ion Ratio Lower Upper
162 100
164 64.3 43.4 83.4
98 35.7 12.5 52.5

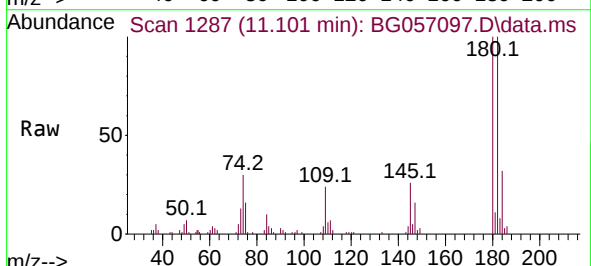
Manual Integrations

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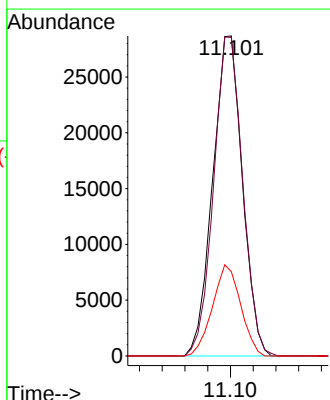
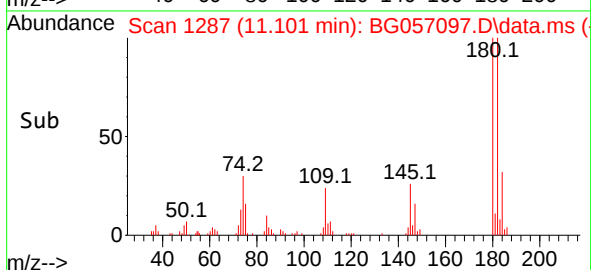
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

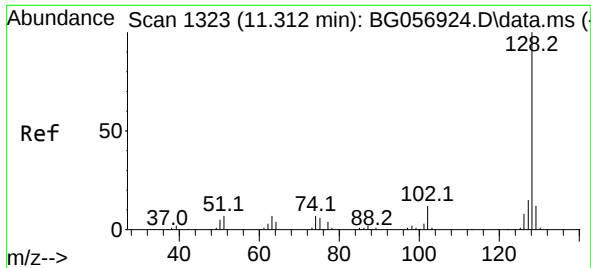


#30
1,2,4-Trichlorobenzene
Concen: 44.350 ng
RT: 11.101 min Scan# 1287
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34



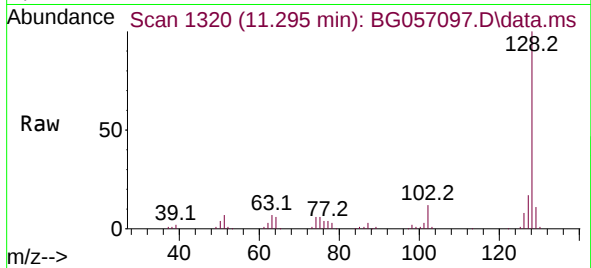
Tgt Ion:180 Resp: 51769
Ion Ratio Lower Upper
180 100
182 99.6 77.1 115.7
145 26.3 21.3 31.9





#31
Naphthalene
Concen: 43.647 ng
RT: 11.295 min Scan# 1129
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

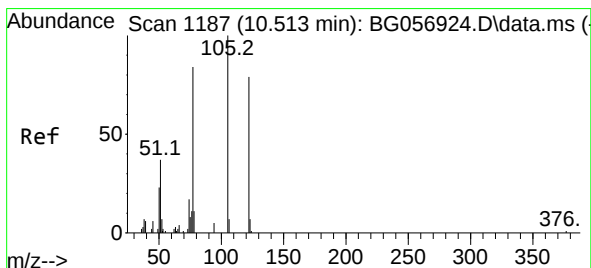
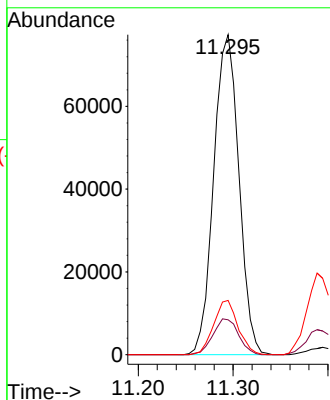
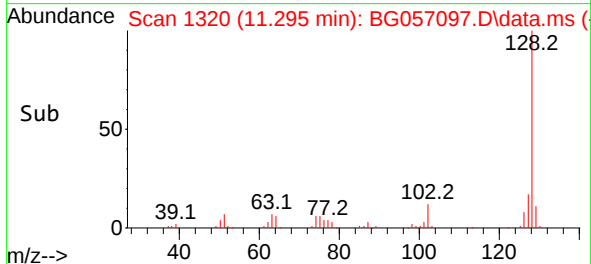
Instrument :
BNA_G
ClientSampleId :
PB152103BSD



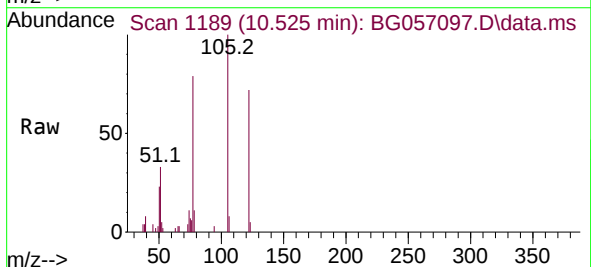
Tgt Ion:128 Resp: 142718
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 16.9 12.2 18.4

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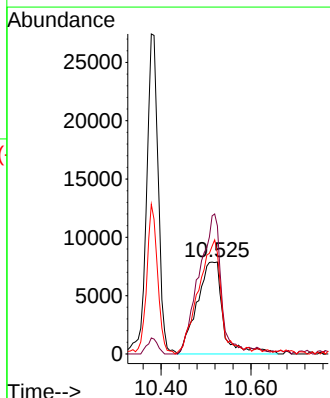
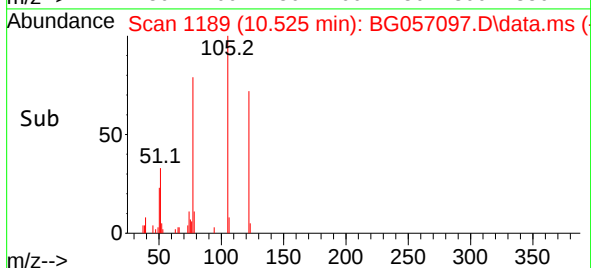
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

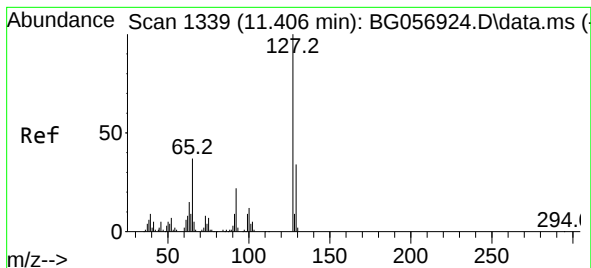


#32
Benzoic acid
Concen: 45.023 ng m
RT: 10.525 min Scan# 1189
Delta R.T. 0.017 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34



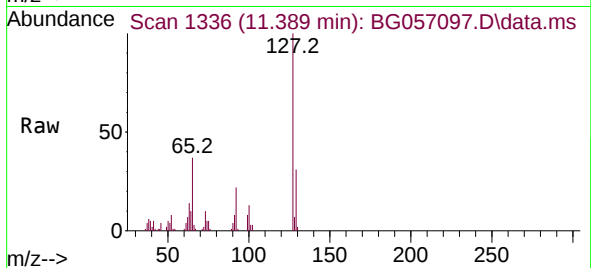
Tgt Ion:122 Resp: 31592
Ion Ratio Lower Upper
122 100
105 139.2 105.4 145.4
77 109.7 87.4 127.4





#33
4-Chloroaniline
Concen: 25.264 ng
RT: 11.389 min Scan# 1336
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

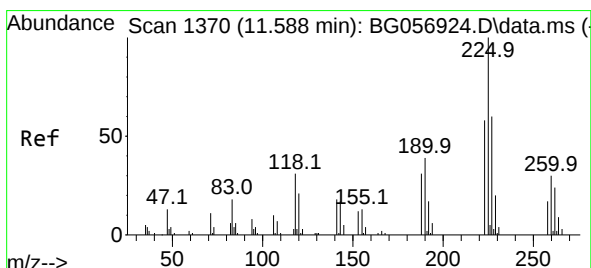
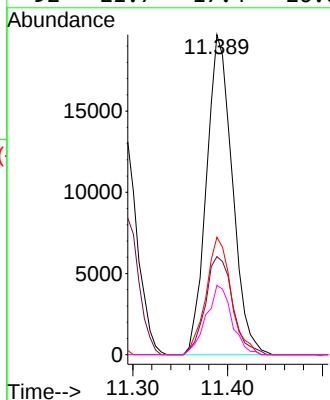
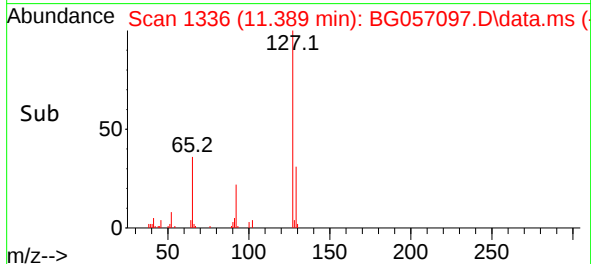
Instrument :
BNA_G
ClientSampleId :
PB152103BSD



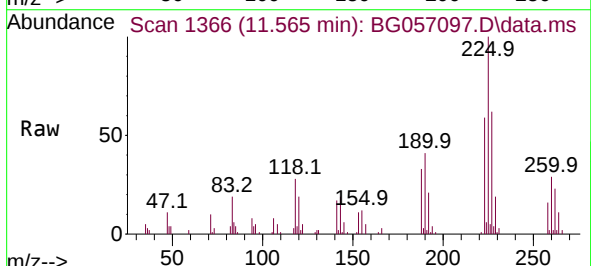
Tgt Ion:	127	Resp:	37310
Ion Ratio	Lower	Upper	
127	100		
129	30.7	27.6	41.4
65	36.7	29.8	44.8
92	21.7	17.4	26.0

Manual Integrations
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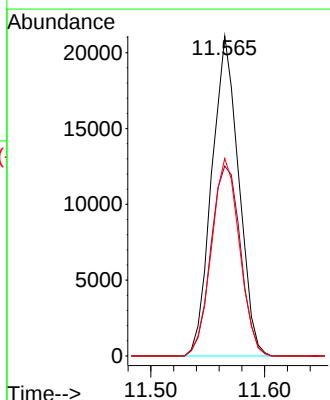
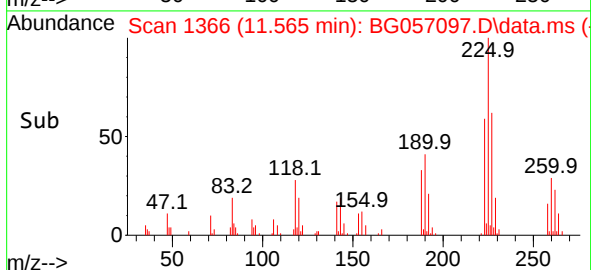
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

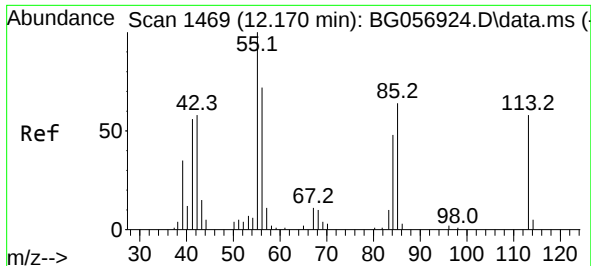


#34
Hexachlorobutadiene
Concen: 39.563 ng
RT: 11.565 min Scan# 1366
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34



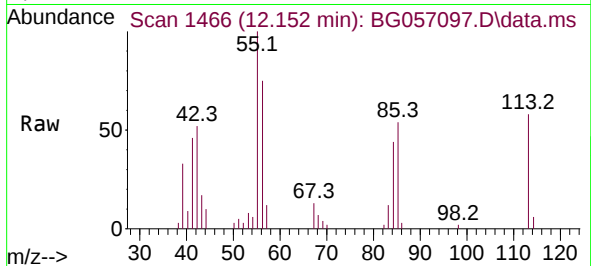
Tgt Ion:	225	Resp:	34690
Ion Ratio	Lower	Upper	
225	100		
223	59.4	46.4	69.6
227	61.7	48.0	72.0





#35
Caprolactam
Concen: 44.990 ng m
RT: 12.152 min Scan# 1466
Delta R.T. -0.013 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

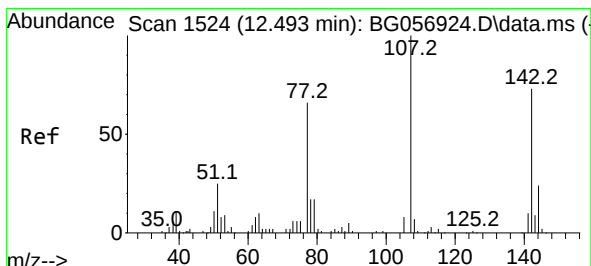
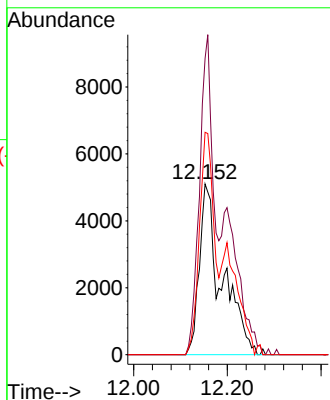
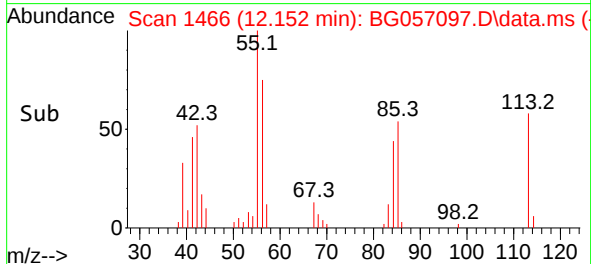
Instrument :
BNA_G
ClientSampleId :
PB152103BSD



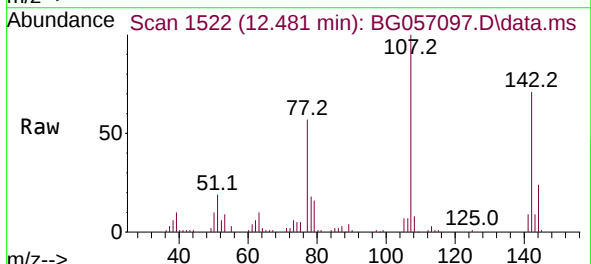
Tgt Ion:113 Resp: 17049
Ion Ratio Lower Upper
113 100
55 173.5 151.6 191.6
56 130.2 103.7 143.7

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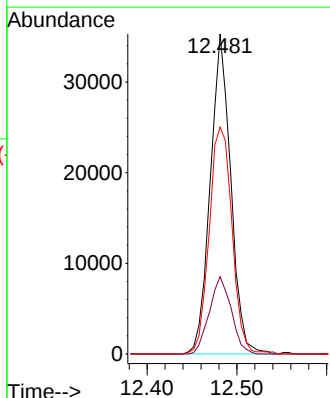
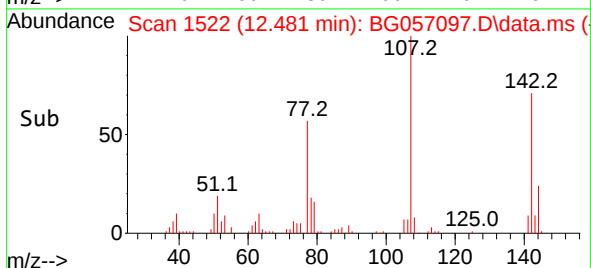
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

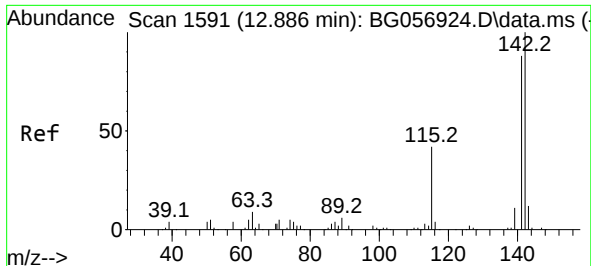


#36
4-Chloro-3-methylphenol
Concen: 45.443 ng
RT: 12.481 min Scan# 1522
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34



Tgt Ion:107 Resp: 55830
Ion Ratio Lower Upper
107 100
144 24.2 19.0 28.4
142 70.9 58.6 88.0





#37

2-Methylnaphthalene

Concen: 41.724 ng

RT: 12.869 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG057097.D

Acq: 14 Apr 2023 12:34

Instrument :

BNA_G

ClientSampleId :

PB152103BSD

Tgt Ion:142 Resp: 108279

Ion Ratio Lower Upper

142 100

141 91.5 70.3 105.5

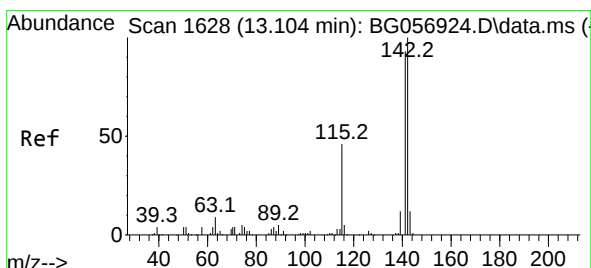
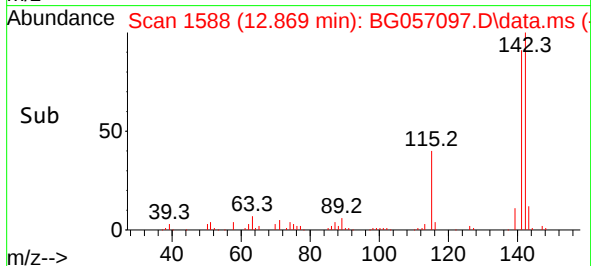
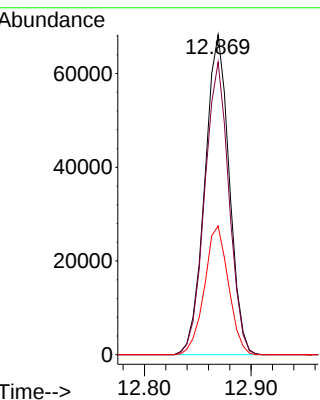
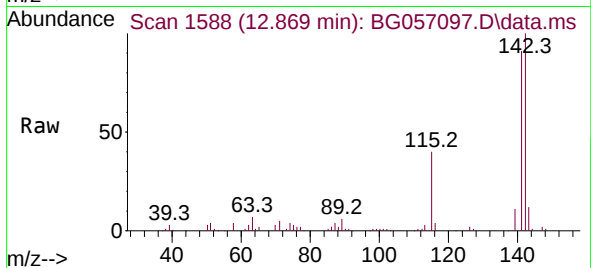
115 40.2 33.5 50.3

Manual Integrations

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Reviewed By :Christian Giraldo 04/17/2023

Supervised By :Jagrut Upadhyay 04/17/2023



#38

1-Methylnaphthalene

Concen: 41.462 ng

RT: 13.086 min Scan# 1625

Delta R.T. -0.007 min

Lab File: BG057097.D

Acq: 14 Apr 2023 12:34

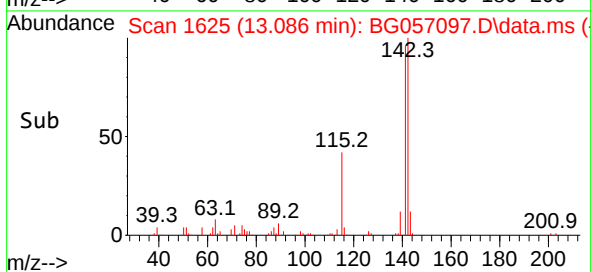
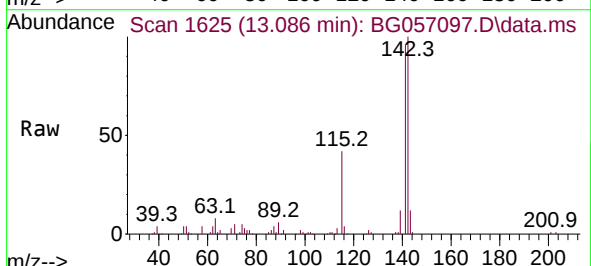
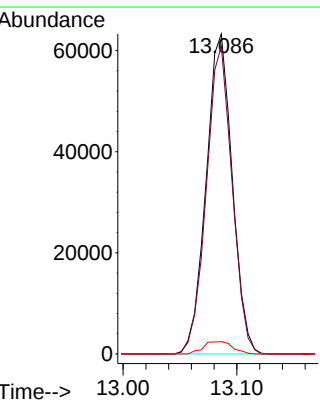
Tgt Ion:142 Resp: 101035

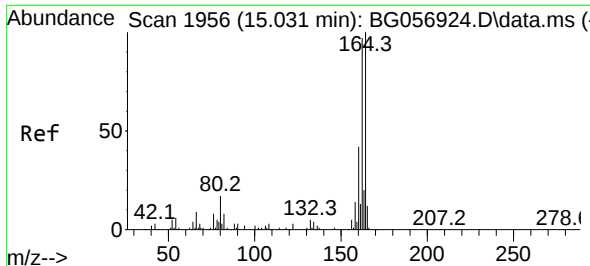
Ion Ratio Lower Upper

142 100

141 96.2 74.0 111.0

116 3.8 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.013 min Scan# 1953
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

Instrument :

BNA_G

ClientSampleId :

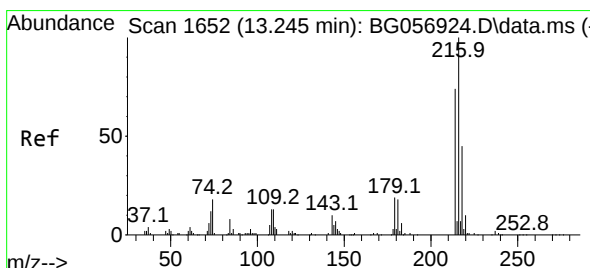
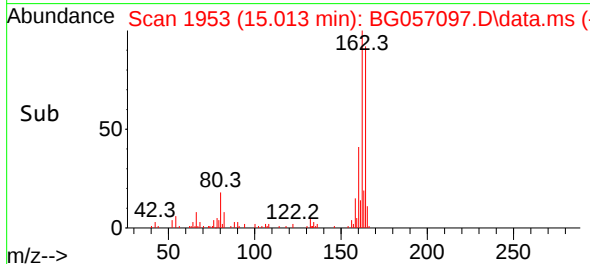
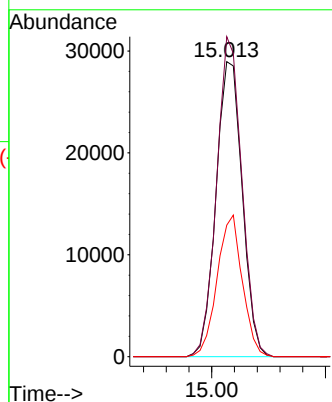
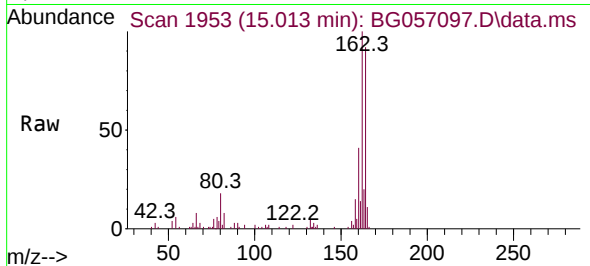
PB152103BSD

Tgt Ion:164 Resp: 4636
Ion Ratio Lower Upper
164 100
162 108.5 77.8 116.8
160 44.6 33.5 50.3

Manual Integrations

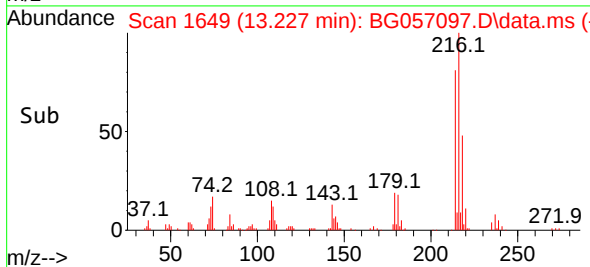
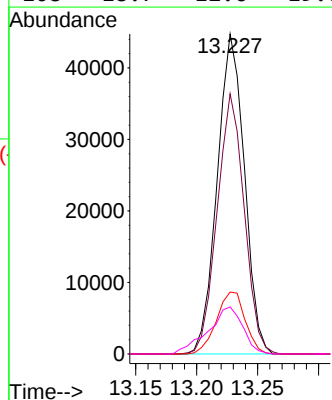
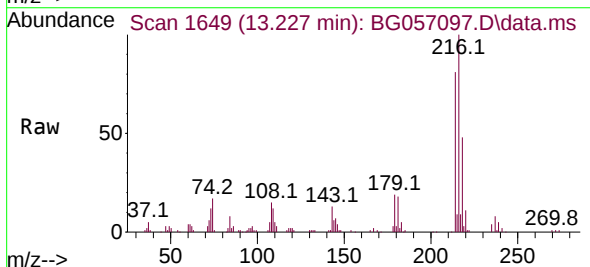
APPROVED

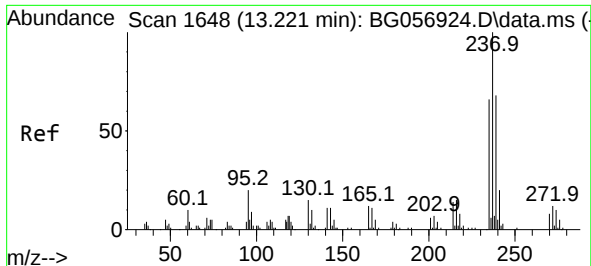
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.125 ng
RT: 13.227 min Scan# 1649
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

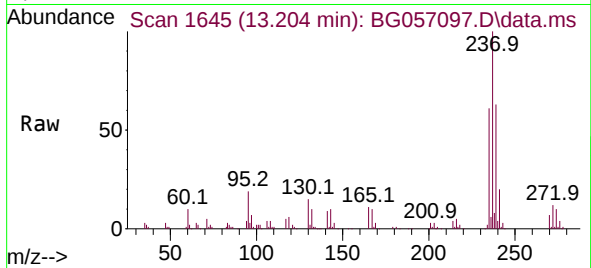
Tgt Ion:216 Resp: 69340
Ion Ratio Lower Upper
216 100
214 80.8 63.3 94.9
179 20.5 15.0 22.6
108 18.7 12.6 19.0





#41
Hexachlorocyclopentadiene
Concen: 109.357 ng
RT: 13.204 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

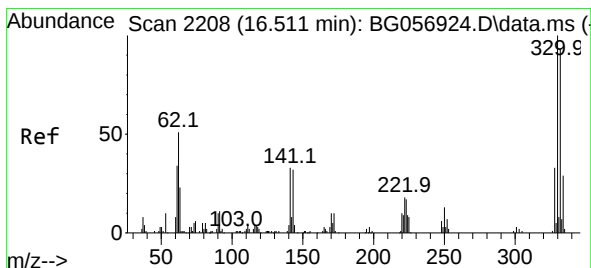
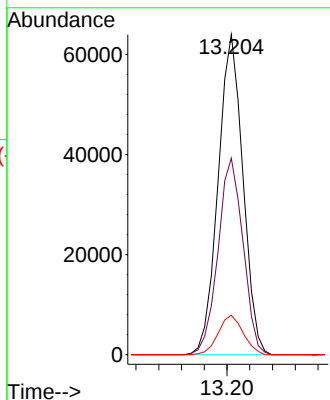
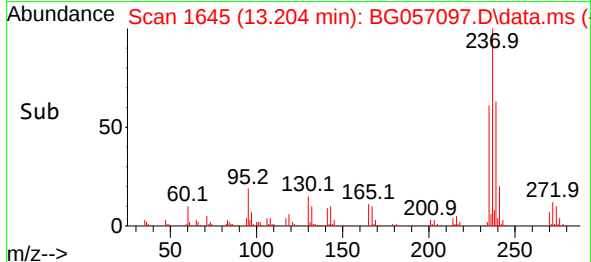
Instrument :
BNA_G
ClientSampleId :
PB152103BSD



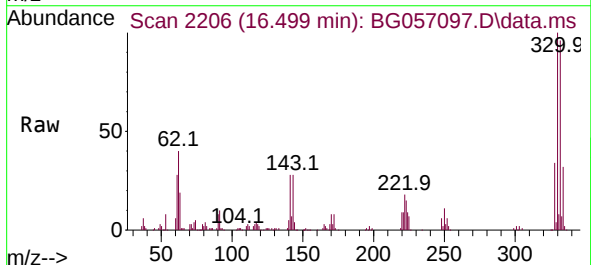
Tgt Ion:237 Resp: 96879
Ion Ratio Lower Upper
237 100
235 61.4 45.9 85.9
272 12.3 0.0 32.3

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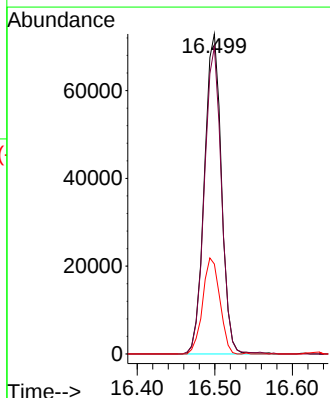
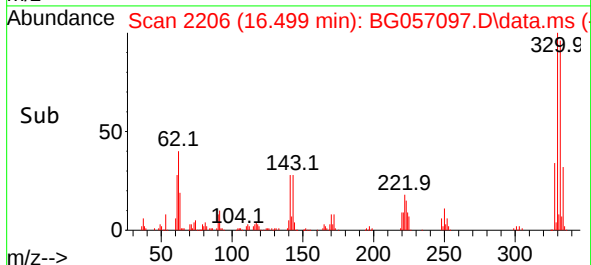
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

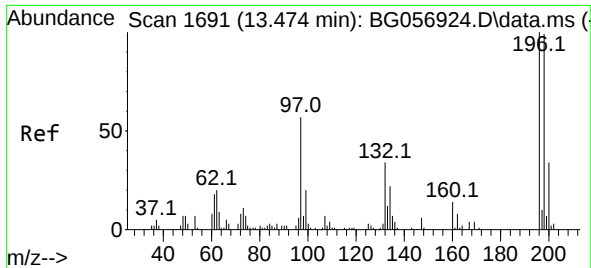


#42
2,4,6-Tribromophenol
Concen: 149.526 ng
RT: 16.499 min Scan# 2206
Delta R.T. -0.001 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34



Tgt Ion:330 Resp: 110758
Ion Ratio Lower Upper
330 100
332 96.0 76.1 114.1
141 30.3 25.8 38.6





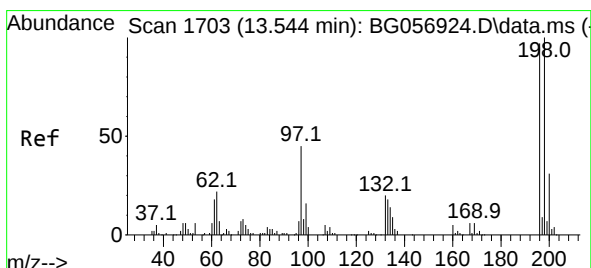
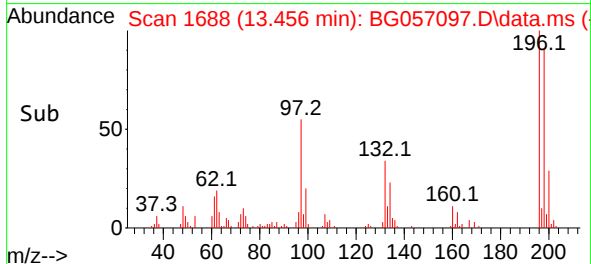
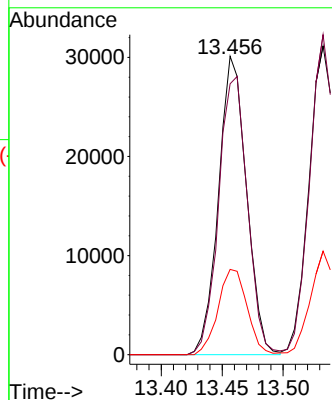
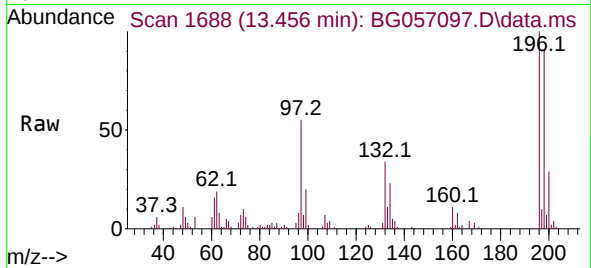
#43
2,4,6-Trichlorophenol
Concen: 46.954 ng
RT: 13.456 min Scan# 1701
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

Instrument :
BNA_G
ClientSampleId :
PB152103BSD

Tgt Ion:196 Resp: 4817
Ion Ratio Lower Upper
196 100
198 90.8 79.1 118.7
200 28.6 27.2 40.8

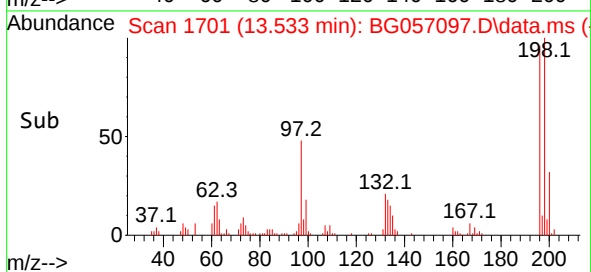
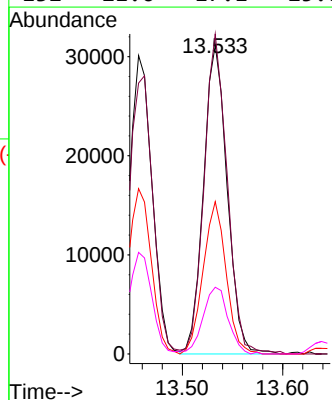
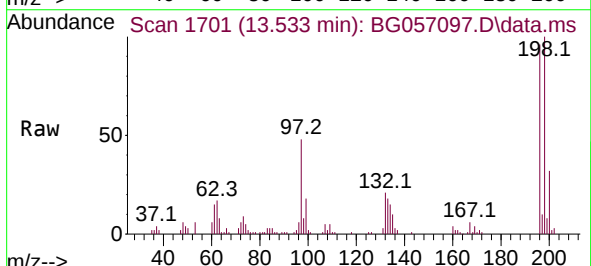
Manual Integrations
APPROVED

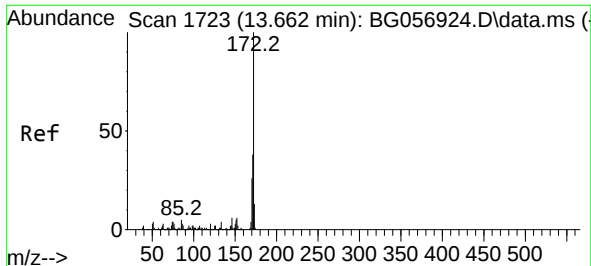
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#44
2,4,5-Trichlorophenol
Concen: 42.103 ng
RT: 13.533 min Scan# 1701
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

Tgt Ion:196 Resp: 51177
Ion Ratio Lower Upper
196 100
198 103.6 82.5 123.7
97 49.3 37.0 55.6
132 21.6 17.1 25.7





#45
2-Fluorobiphenyl
Concen: 90.715 ng
RT: 13.639 min Scan# 1719
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

Instrument :

BNA_G

ClientSampleId :

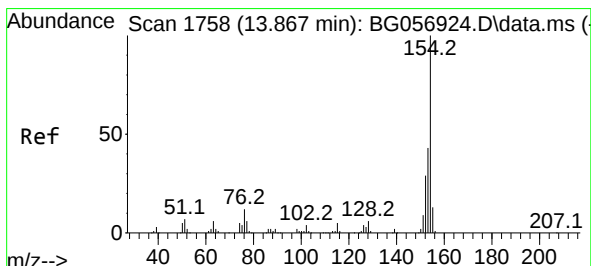
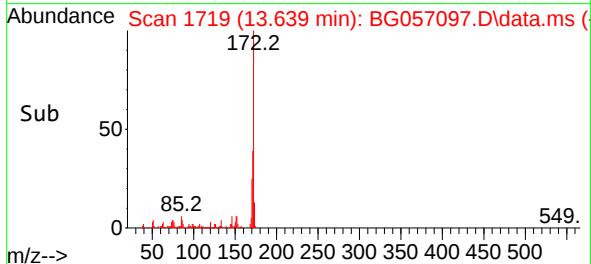
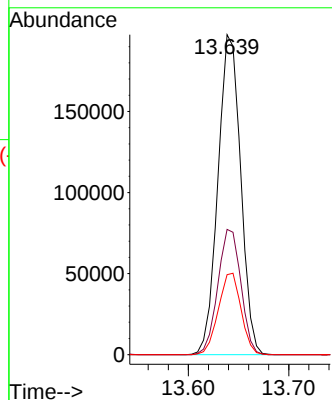
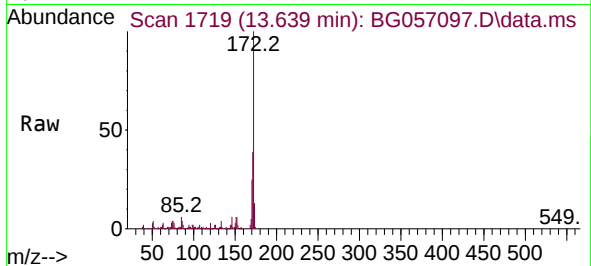
PB152103BSD

Tgt Ion:172 Resp: 310188
Ion Ratio Lower Upper
172 100
171 39.1 30.6 46.0
170 25.0 20.6 30.8

Manual Integrations

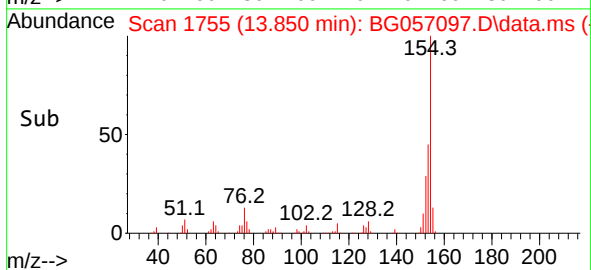
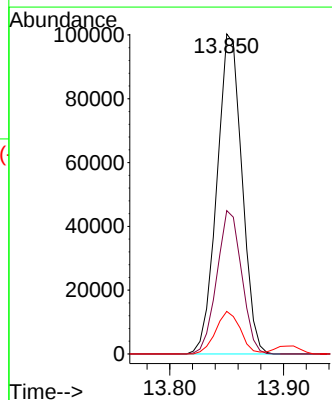
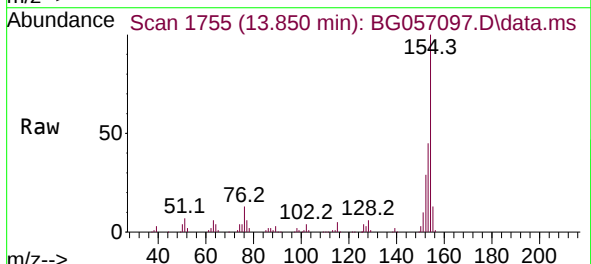
APPROVED

Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#46
1,1'-Biphenyl
Concen: 45.225 ng
RT: 13.850 min Scan# 1755
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

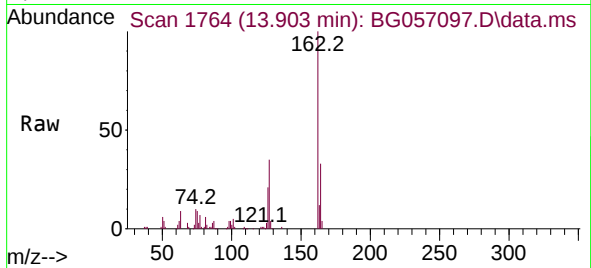
Tgt Ion:154 Resp: 153501
Ion Ratio Lower Upper
154 100
153 44.8 23.4 63.4
76 13.3 0.0 31.6





#47
2-Chloronaphthalene
Concen: 48.051 ng
RT: 13.903 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

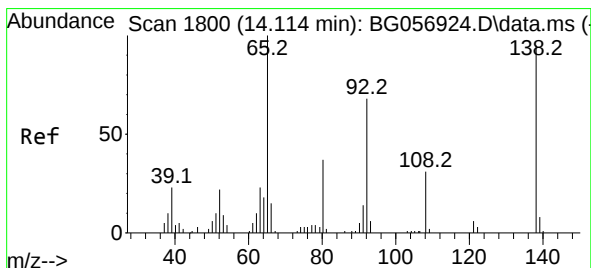
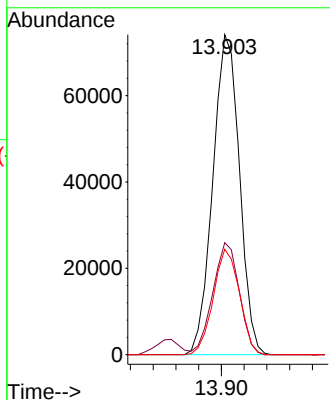
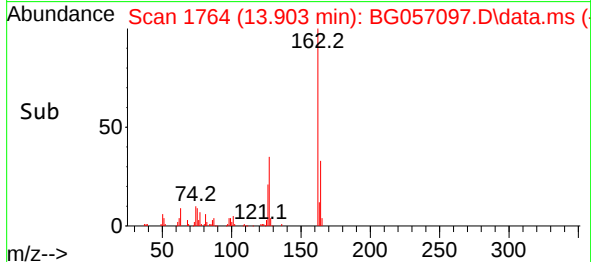
Instrument :
BNA_G
ClientSampleId :
PB152103BSD



Tgt Ion:162 Resp: 120624
Ion Ratio Lower Upper
162 100
127 35.0 29.5 44.3
164 32.9 25.5 38.3

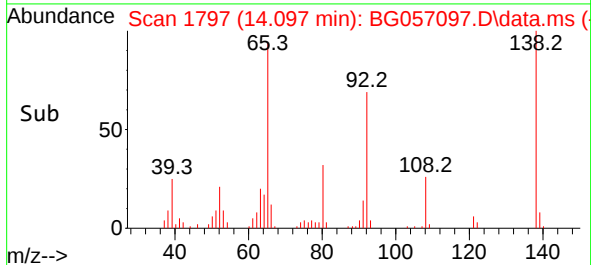
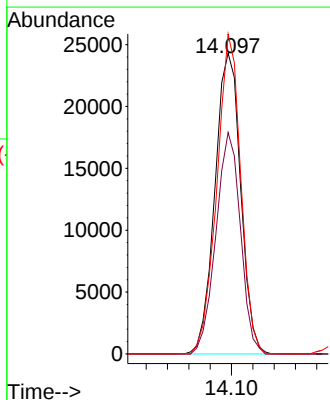
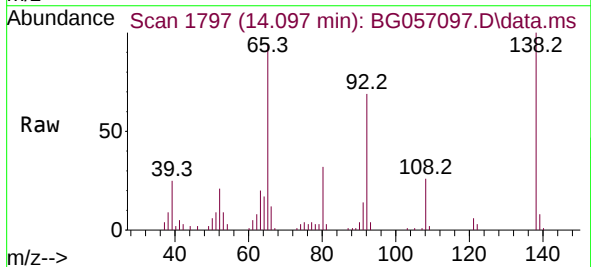
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#48
2-Nitroaniline
Concen: 45.228 ng
RT: 14.097 min Scan# 1797
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

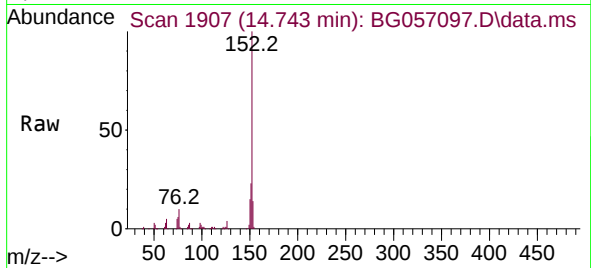
Tgt Ion: 65 Resp: 40598
Ion Ratio Lower Upper
65 100
92 73.6 54.3 81.5
138 106.4 76.0 114.0





#49
Acenaphthylene
Concen: 45.572 ng
RT: 14.743 min Scan# 1910
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

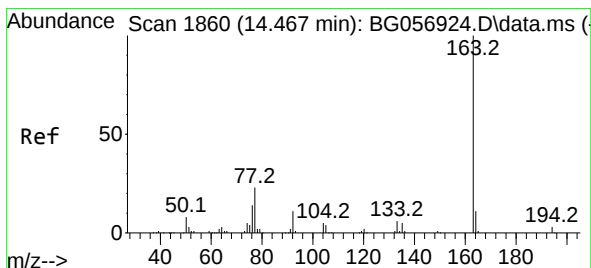
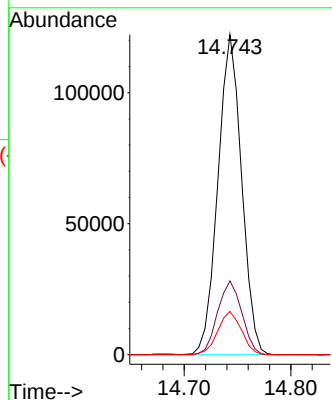
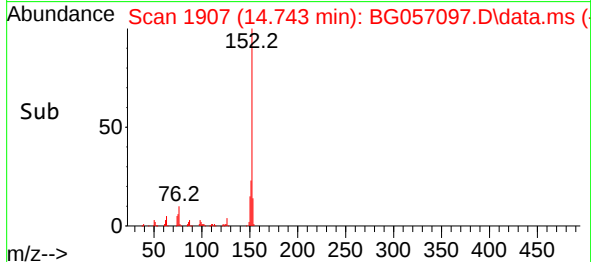
Instrument :
BNA_G
ClientSampleId :
PB152103BSD



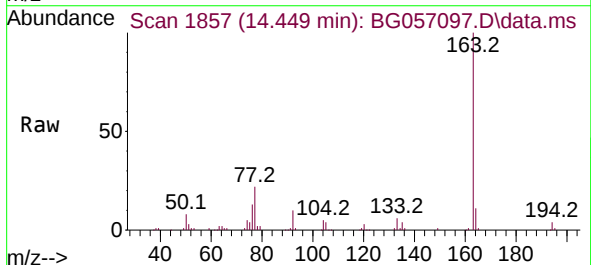
Tgt Ion:152 Resp: 18796
Ion Ratio Lower Upper
152 100
151 23.0 18.2 27.2
153 13.5 10.5 15.7

Manual Integrations
APPROVED

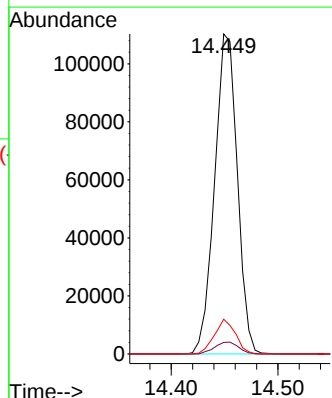
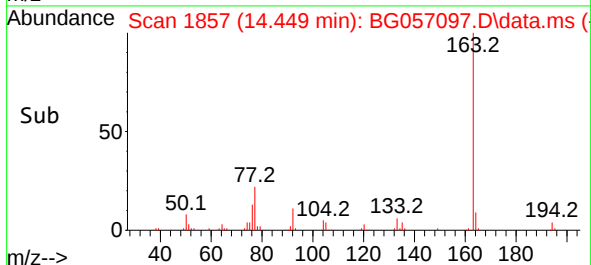
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

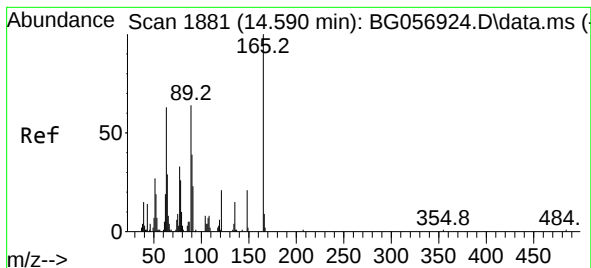


#50
Dimethylphthalate
Concen: 44.630 ng
RT: 14.449 min Scan# 1857
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34



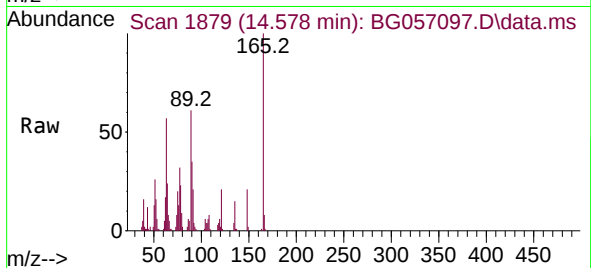
Tgt Ion:163 Resp: 163050
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.9 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 47.259 ng
RT: 14.578 min Scan# 1881
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

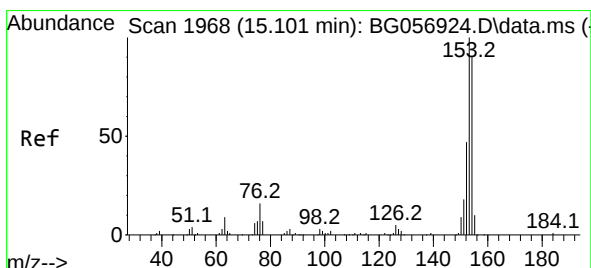
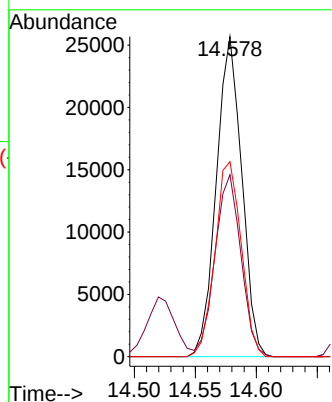
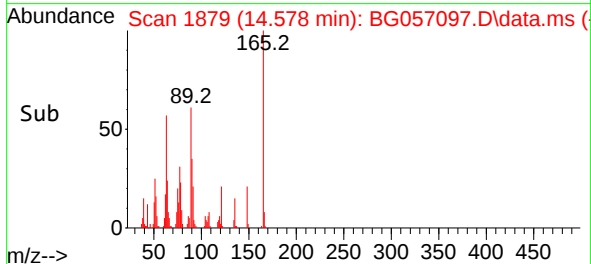
Instrument :
BNA_G
ClientSampleId :
PB152103BSD



Tgt Ion:165 Resp: 37304
Ion Ratio Lower Upper
165 100
63 56.9 53.0 79.6
89 61.0 51.0 76.4

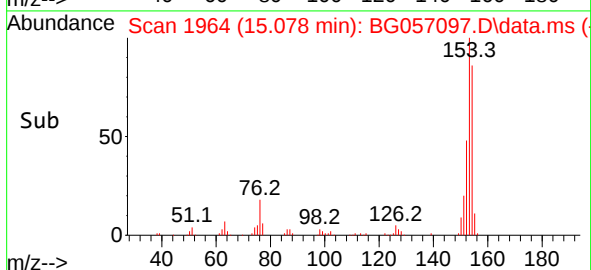
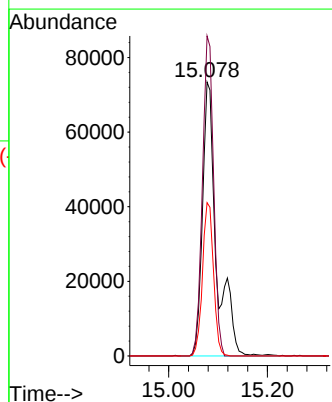
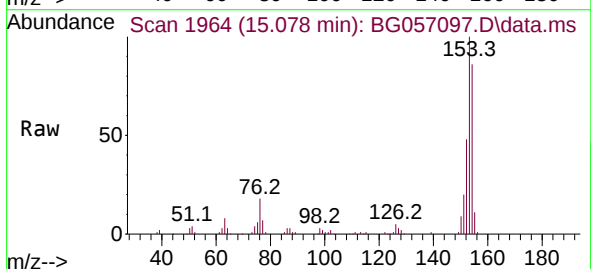
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#52
Acenaphthene
Concen: 51.528 ng m
RT: 15.078 min Scan# 1964
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

Tgt Ion:154 Resp: 146576
Ion Ratio Lower Upper
154 100
153 116.8 88.9 133.3
152 56.0 41.8 62.8





#53
3-Nitroaniline
Concen: 32.765 ng
RT: 14.913 min Scan# 1936
Delta R.T. -0.001 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

Instrument :

BNA_G

ClientSampleId :

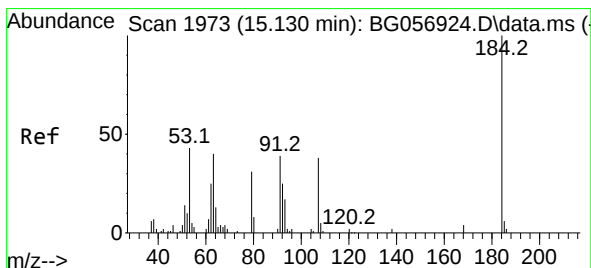
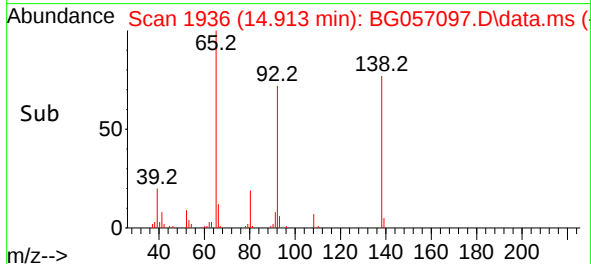
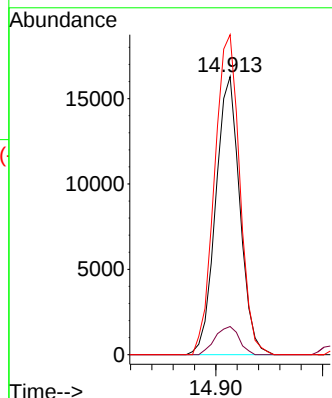
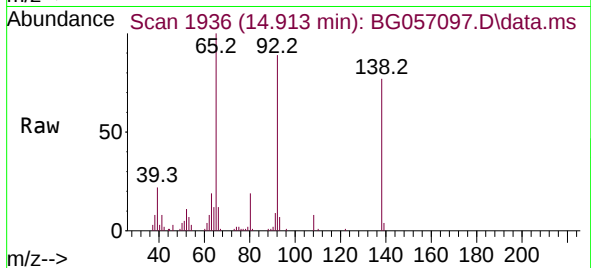
PB152103BSD

Tgt Ion:138 Resp: 25600
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.2
92 115.1 105.2 157.8

Manual Integrations

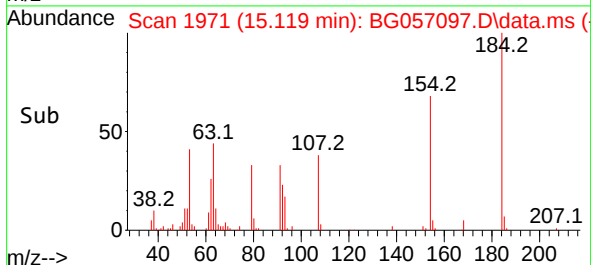
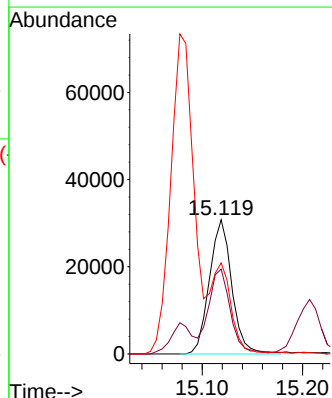
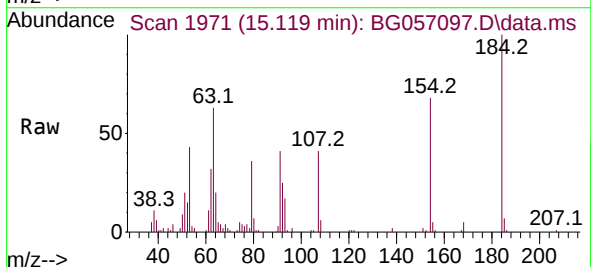
APPROVED

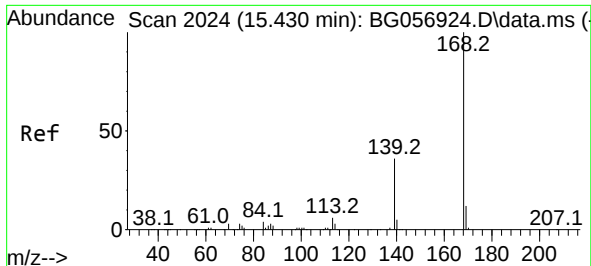
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#54
2,4-Dinitrophenol
Concen: 107.669 ng
RT: 15.119 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

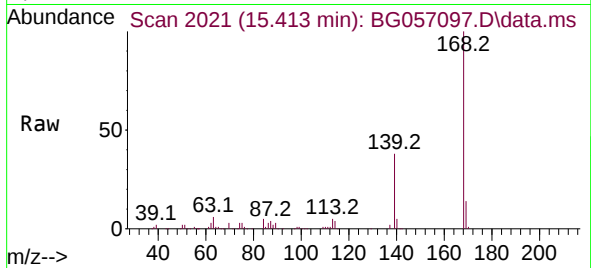
Tgt Ion:184 Resp: 47837
Ion Ratio Lower Upper
184 100
63 63.2 46.5 69.7
154 67.8 53.5 80.3





#55
Dibenzenofuran
Concen: 45.304 ng
RT: 15.413 min Scan# 2024
Delta R.T. -0.001 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

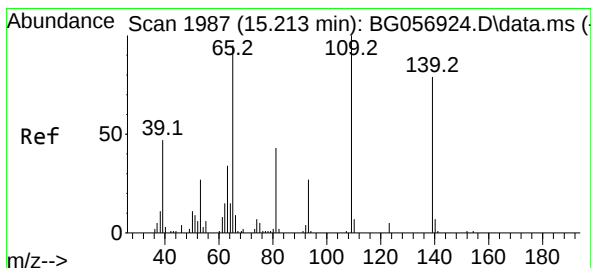
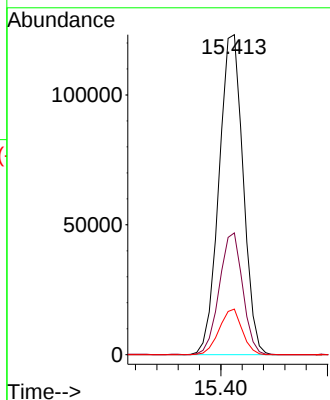
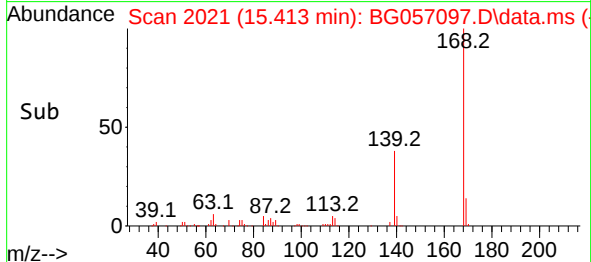
Instrument :
BNA_G
ClientSampleId :
PB152103BSD



Tgt Ion:168 Resp: 19342
Ion Ratio Lower Upper
168 100
139 38.0 28.9 43.3
169 14.3 9.8 14.6

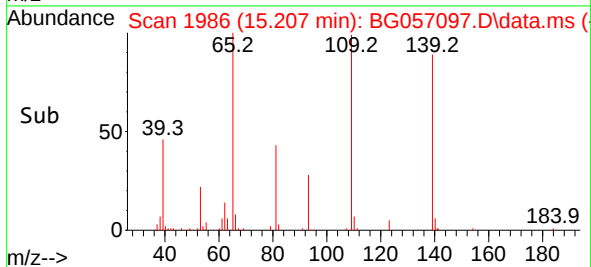
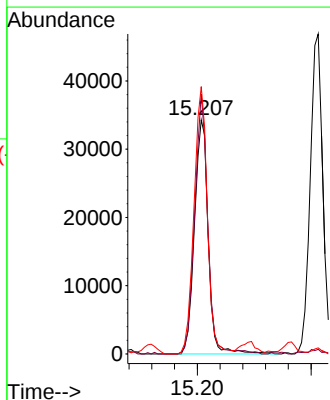
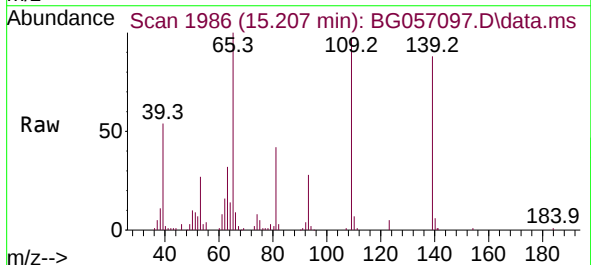
Manual Integrations
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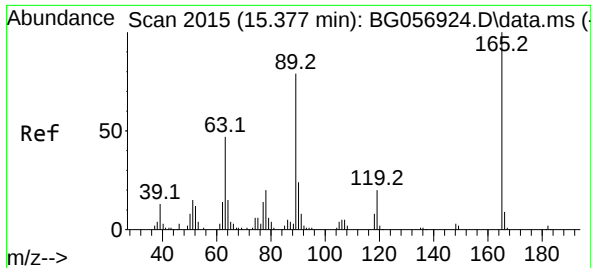
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#56
4-Nitrophenol
Concen: 99.767 ng
RT: 15.207 min Scan# 1986
Delta R.T. -0.001 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

Tgt Ion:139 Resp: 57641
Ion Ratio Lower Upper
139 100
109 111.0 106.7 146.7
65 114.2 100.5 140.5





#57
2,4-Dinitrotoluene
Concen: 48.382 ng
RT: 15.366 min Scan# 2013
Delta R.T. -0.001 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

Instrument :

BNA_G

ClientSampleId :

PB152103BSD

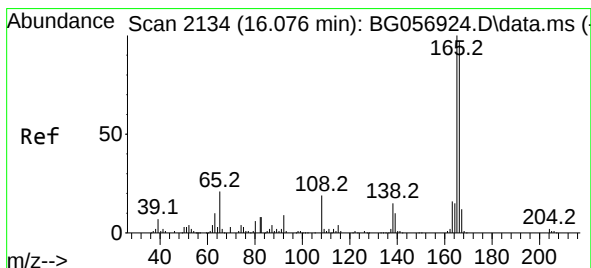
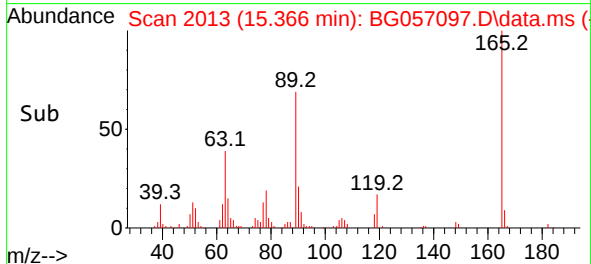
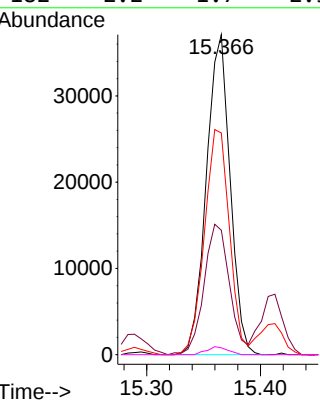
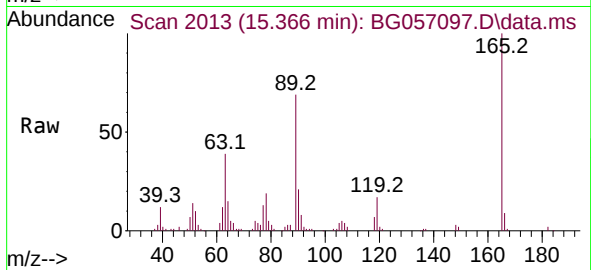
Tgt Ion:165 Resp: 5386
Ion Ratio Lower Upper
165 100
63 38.9 37.7 56.5
89 69.3 63.2 94.8
182 2.2 1.7 2.5

Manual Integrations

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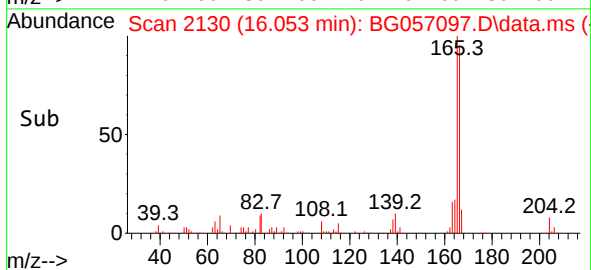
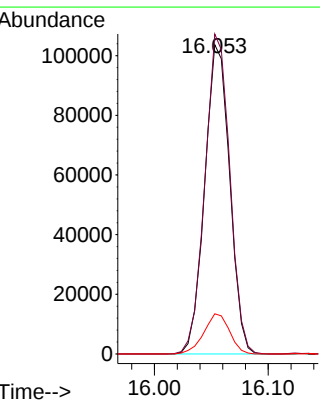
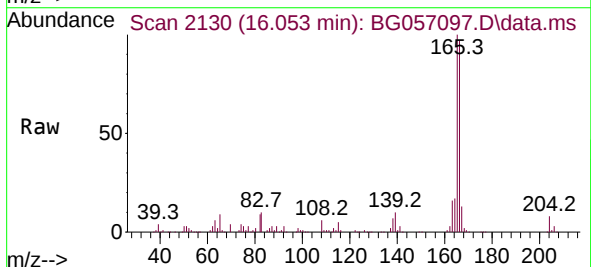
Reviewed By :Christian Giraldo 04/17/2023

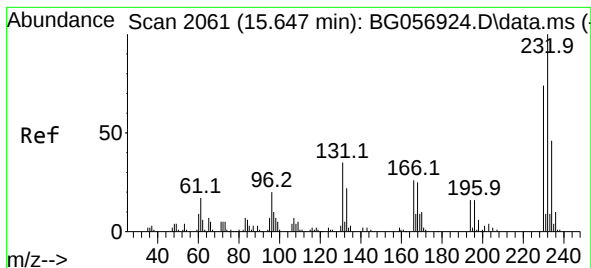
Supervised By :Jagrut Upadhyay 04/17/2023



#58
Fluorene
Concen: 44.772 ng
RT: 16.053 min Scan# 2130
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

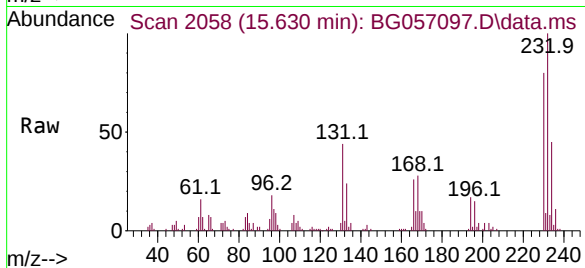
Tgt Ion:166 Resp: 158175
Ion Ratio Lower Upper
166 100
165 103.5 82.6 123.8
167 13.0 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.350 ng
RT: 15.630 min Scan# 2061
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

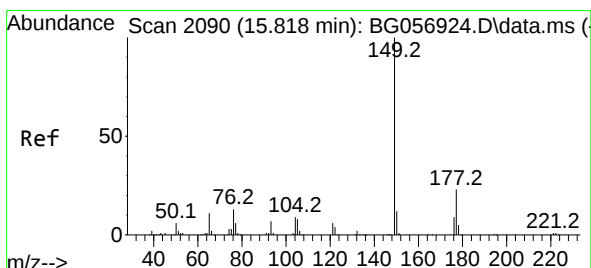
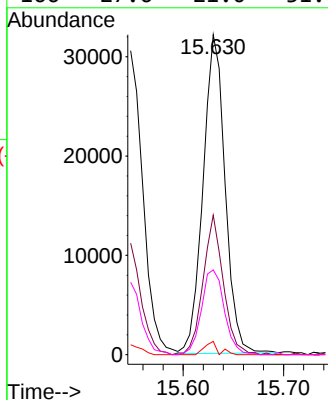
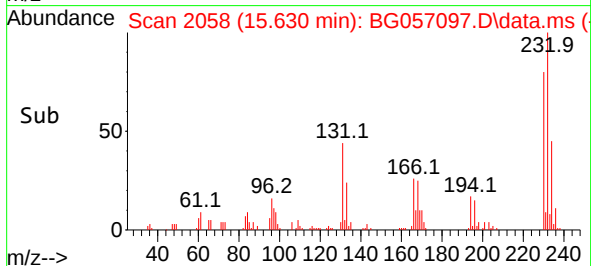
Instrument :
BNA_G
ClientSampleId :
PB152103BSD



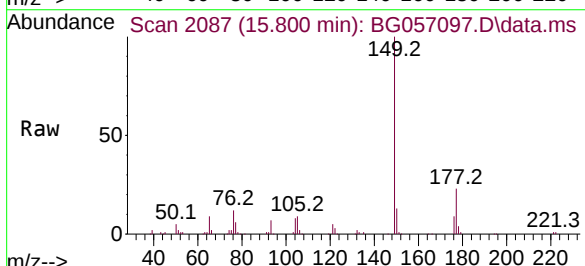
Tgt Ion:232 Resp: 4908
Ion Ratio Lower Upper
232 100
131 40.4 29.3 43.9
130 2.6 1.7 2.5
166 27.6 21.0 31.6

Manual Integrations
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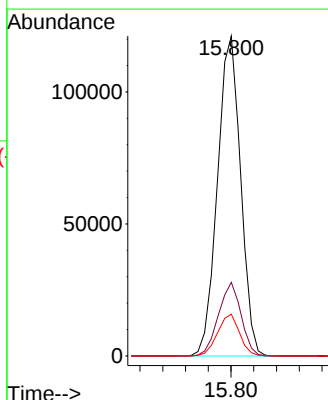
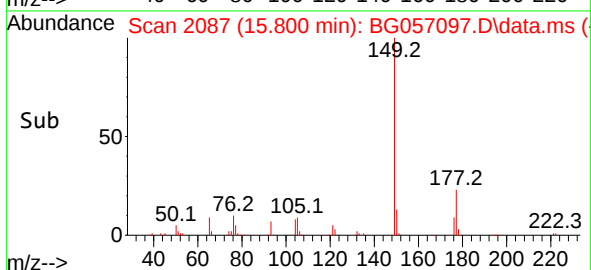
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

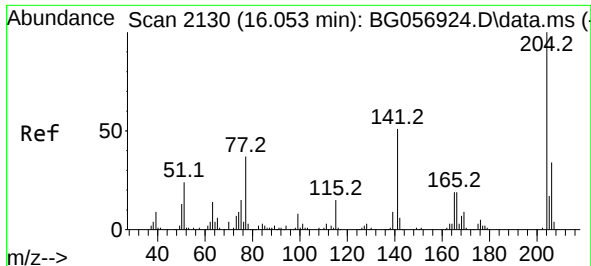


#60
Diethylphthalate
Concen: 46.734 ng
RT: 15.800 min Scan# 2087
Delta R.T. -0.001 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34



Tgt Ion:149 Resp: 171165
Ion Ratio Lower Upper
149 100
177 23.0 18.8 28.2
150 13.1 9.4 14.2





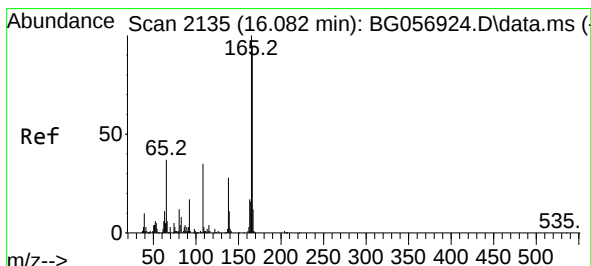
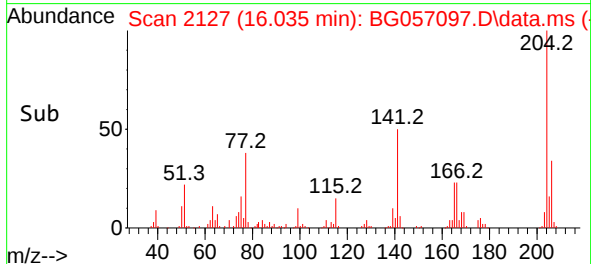
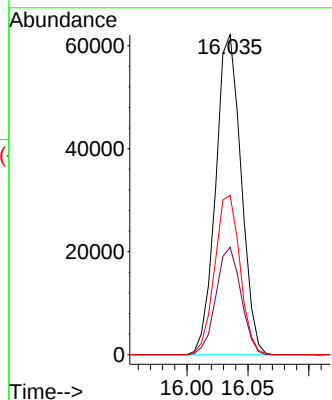
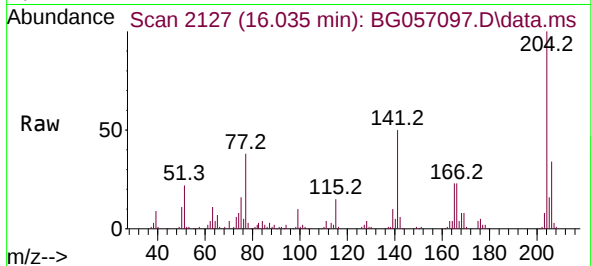
#61
4-Chlorophenyl-phenylether
Concen: 43.462 ng
RT: 16.035 min Scan# 2130
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

Instrument :
BNA_G
ClientSampleId :
PB152103BSD

Tgt Ion:204 Resp: 9015
Ion Ratio Lower Upper
204 100
206 33.6 27.2 40.8
141 49.8 40.7 61.1

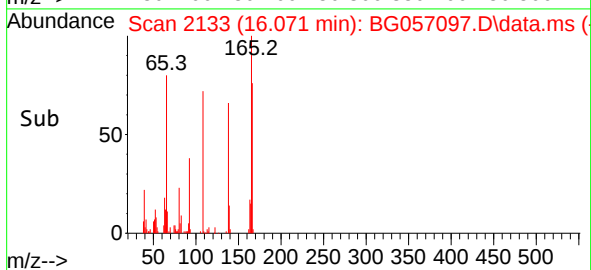
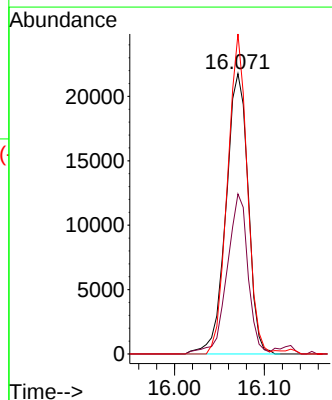
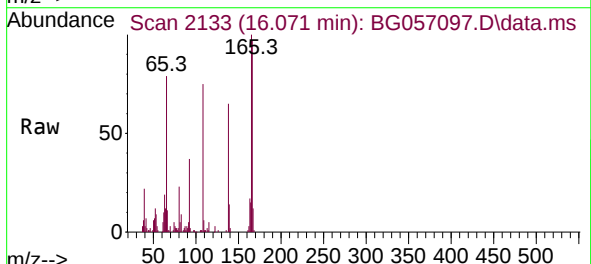
Manual Integrations
APPROVED

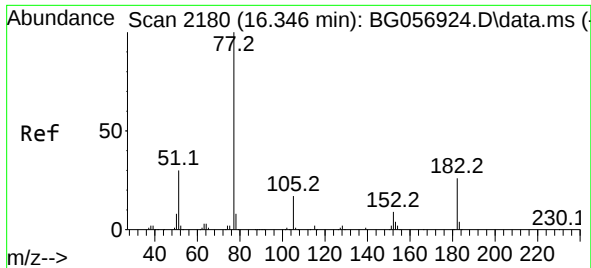
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#62
4-Nitroaniline
Concen: 46.033 ng
RT: 16.071 min Scan# 2133
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

Tgt Ion:138 Resp: 37264
Ion Ratio Lower Upper
138 100
92 57.1 40.9 80.9
108 114.1 104.3 144.3





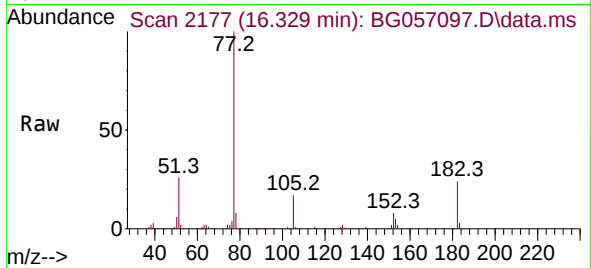
#63
Azobenzene
Concen: 45.111 ng
RT: 16.329 min Scan# 2180
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

Instrument :

BNA_G

ClientSampleId :

PB152103BSD

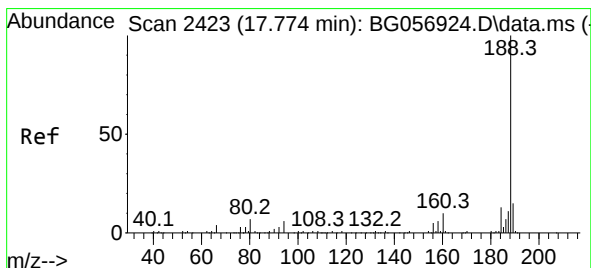
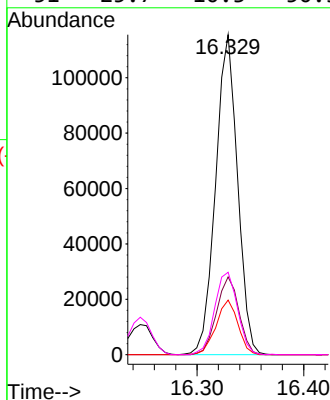
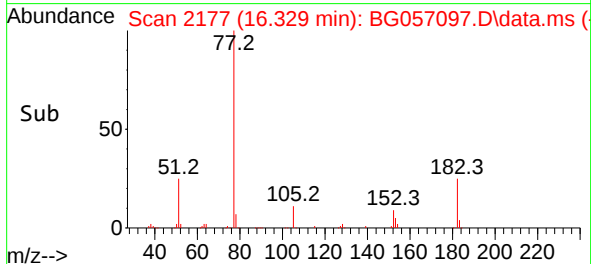


Tgt Ion: 77 Resp: 16465
Ion Ratio Lower Upper
77 100
182 24.3 5.9 45.9
105 17.1 0.0 36.8
51 25.7 10.3 50.3

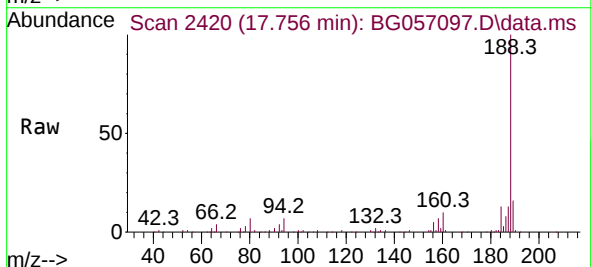
Manual Integrations

APPROVED

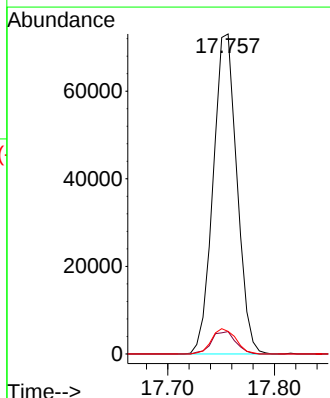
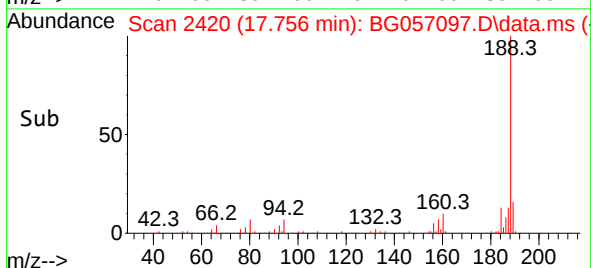
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

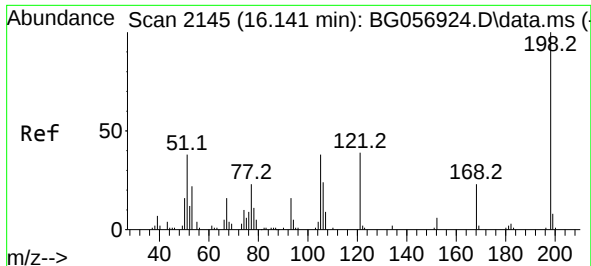


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.756 min Scan# 2420
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34



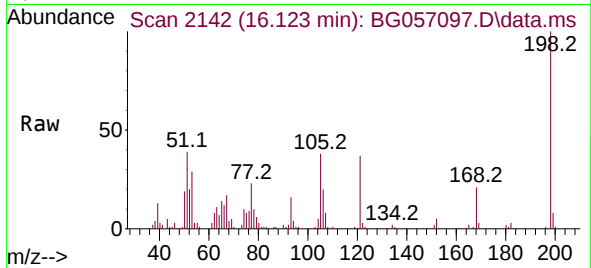
Tgt Ion:188 Resp: 112932
Ion Ratio Lower Upper
188 100
94 7.0 4.6 6.8#
80 7.0 5.5 8.3





#65
4,6-Dinitro-2-methylphenol
Concen: 48.975 ng
RT: 16.123 min Scan# 2145
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

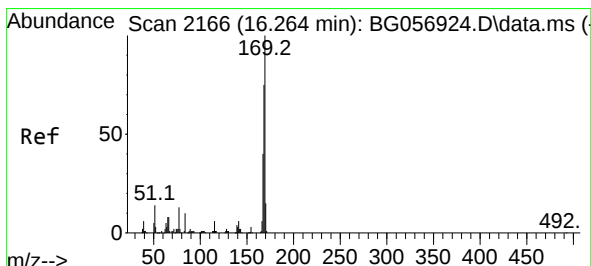
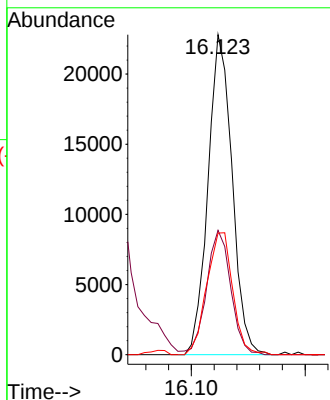
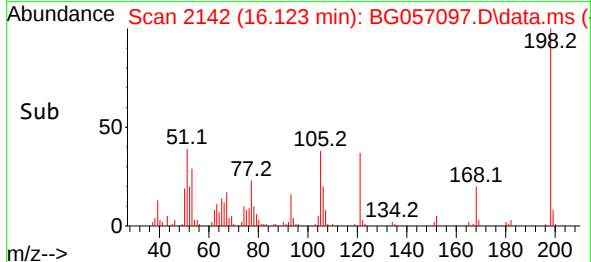
Instrument :
BNA_G
ClientSampleId :
PB152103BSD



Tgt Ion:198 Resp: 3349
Ion Ratio Lower Upper
198 100
51 38.9 20.5 60.5
105 38.0 18.1 58.1

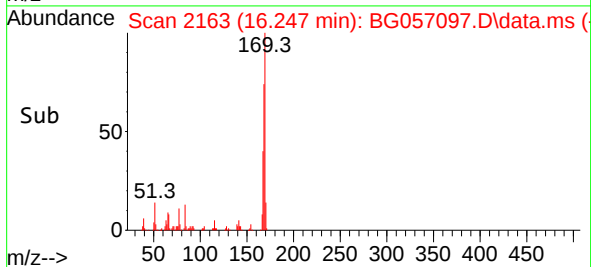
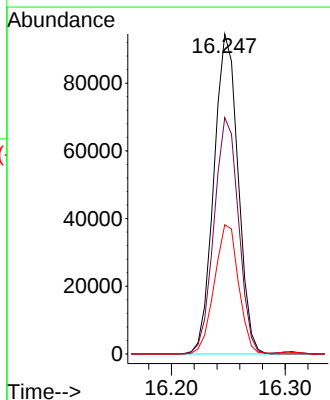
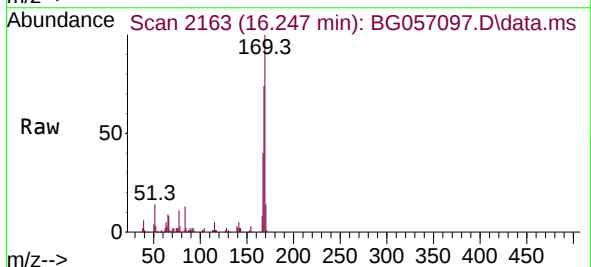
Manual Integrations
APPROVED

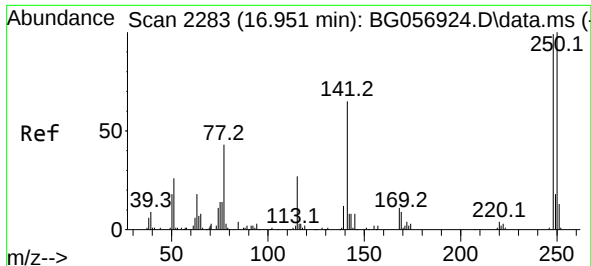
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#66
n-Nitrosodiphenylamine
Concen: 46.016 ng
RT: 16.247 min Scan# 2163
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

Tgt Ion:169 Resp: 139501
Ion Ratio Lower Upper
169 100
168 73.9 59.6 89.4
167 40.4 31.8 47.8





#67
4-Bromophenyl-phenylether
Concen: 43.099 ng
RT: 16.928 min Scan# 210
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

Instrument :

BNA_G

ClientSampleId :

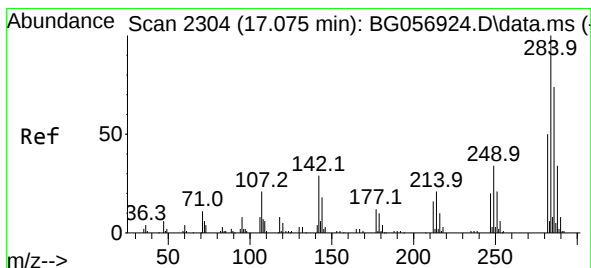
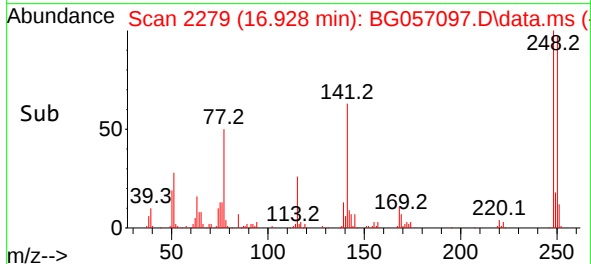
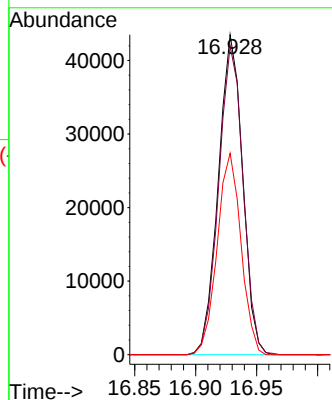
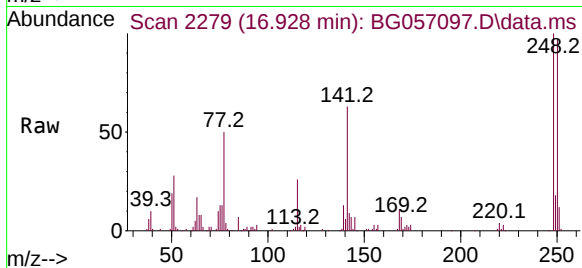
PB152103BSD

Tgt Ion:248 Resp: 60224
Ion Ratio Lower Upper
248 100
250 96.6 80.5 120.7
141 62.9 52.0 78.0

Manual Integrations

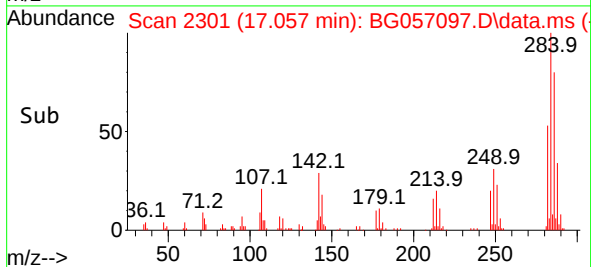
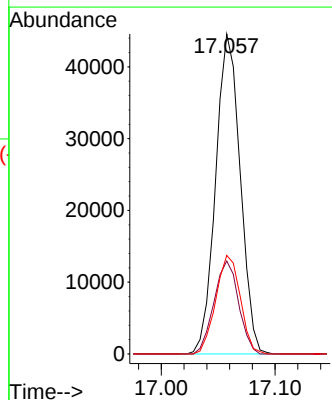
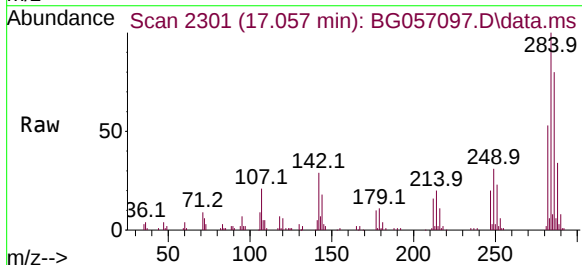
APPROVED

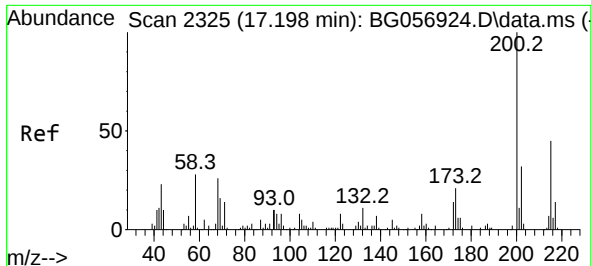
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#68
Hexachlorobenzene
Concen: 48.435 ng
RT: 17.057 min Scan# 2301
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

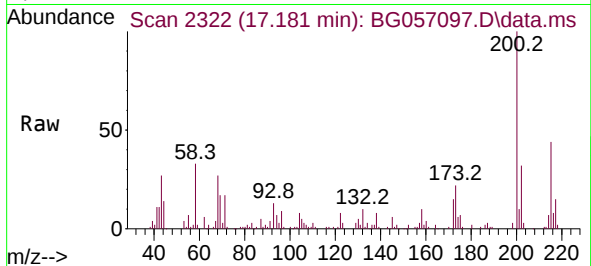
Tgt Ion:284 Resp: 66912
Ion Ratio Lower Upper
284 100
142 29.1 23.0 34.4
249 30.8 27.1 40.7





#69
 Atrazine
 Concen: 46.721 ng
 RT: 17.181 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG057097.D
 Acq: 14 Apr 2023 12:34

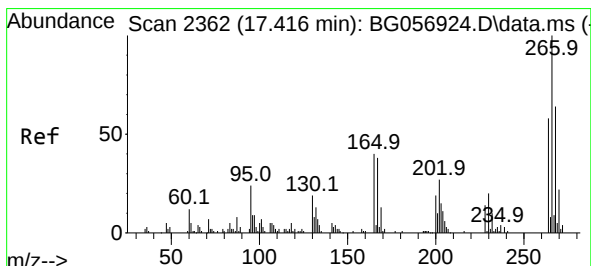
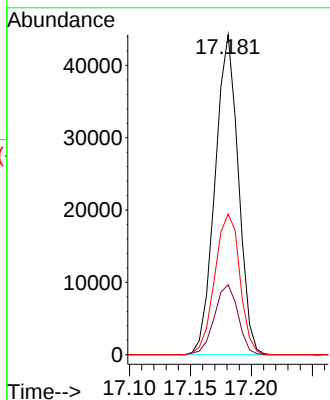
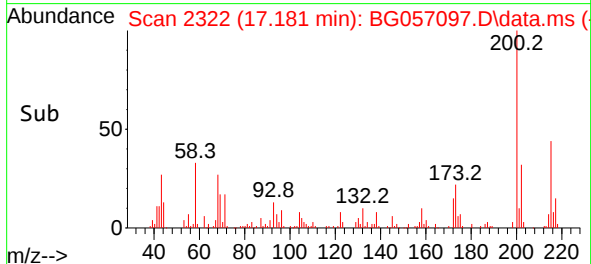
Instrument :
 BNA_G
 ClientSampleId :
 PB152103BSD



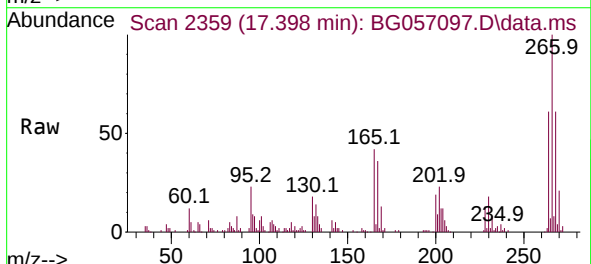
Tgt Ion:200 Resp: 58794
 Ion Ratio Lower Upper
 200 100
 173 21.9 1.0 41.0
 215 44.0 25.0 65.0

Manual Integrations
 APPROVED

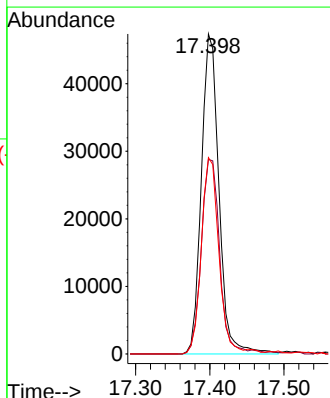
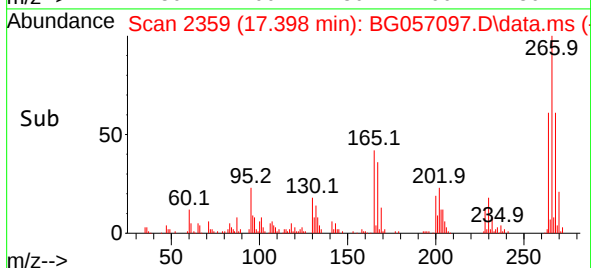
Reviewed By :Christian Giraldo 04/17/2023
 Supervised By :Jagrut Upadhyay 04/17/2023

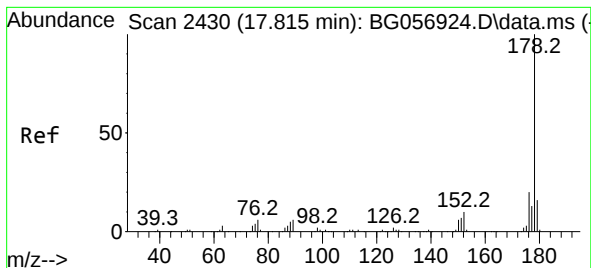


#70
 Pentachlorophenol
 Concen: 78.660 ng
 RT: 17.398 min Scan# 2359
 Delta R.T. -0.007 min
 Lab File: BG057097.D
 Acq: 14 Apr 2023 12:34



Tgt Ion:266 Resp: 77959
 Ion Ratio Lower Upper
 266 100
 268 60.8 51.0 76.6
 264 61.4 46.8 70.2





#71

Phenanthrene

Concen: 45.928 ng

RT: 17.798 min Scan# 24

Delta R.T. -0.007 min

Lab File: BG057097.D

Acq: 14 Apr 2023 12:34

Instrument :

BNA_G

ClientSampleId :

PB152103BSD

Tgt Ion:178 Resp: 26444

Ion Ratio Lower Upper

178 100

176 19.2 16.2 24.2

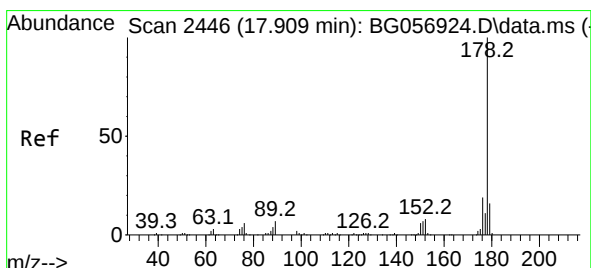
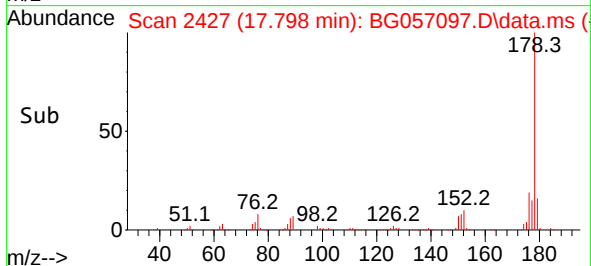
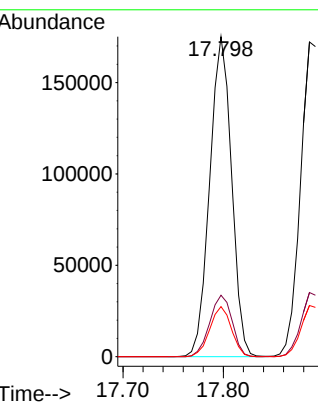
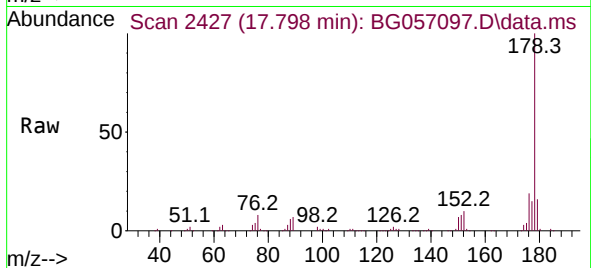
179 15.6 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/17/2023

Supervised By :Jagrut Upadhyay 04/17/2023



#72

Anthracene

Concen: 45.486 ng

RT: 17.886 min Scan# 2442

Delta R.T. -0.007 min

Lab File: BG057097.D

Acq: 14 Apr 2023 12:34

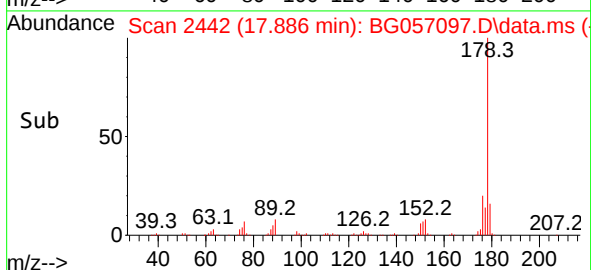
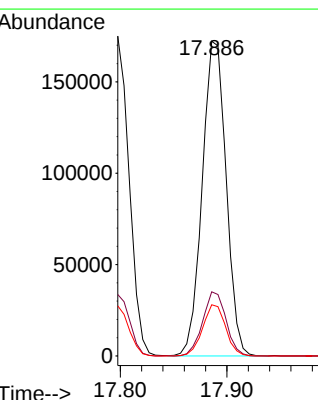
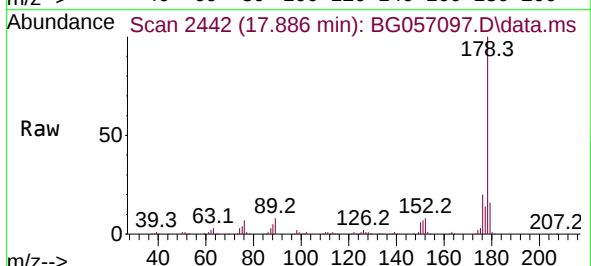
Tgt Ion:178 Resp: 268479

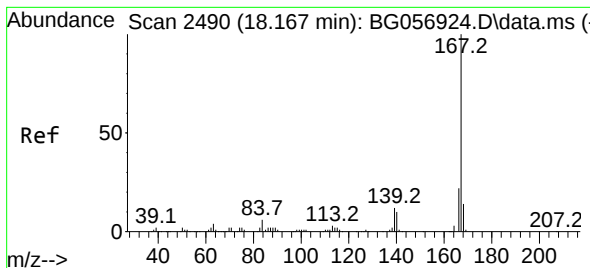
Ion Ratio Lower Upper

178 100

176 20.4 15.4 23.2

179 16.3 12.4 18.6





#73

Carbazole

Concen: 45.193 ng

RT: 18.150 min Scan# 24

Delta R.T. -0.007 min

Lab File: BG057097.D

Acq: 14 Apr 2023 12:34

Instrument :

BNA_G

ClientSampleId :

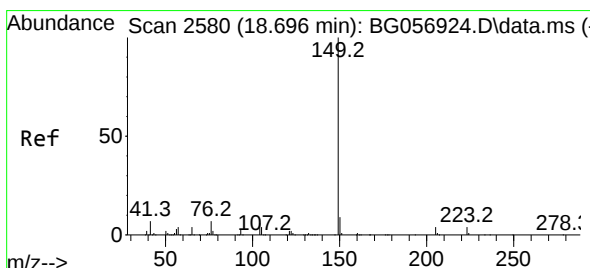
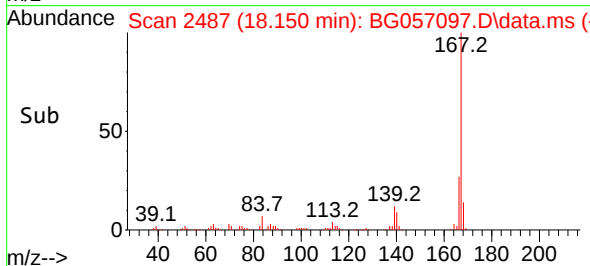
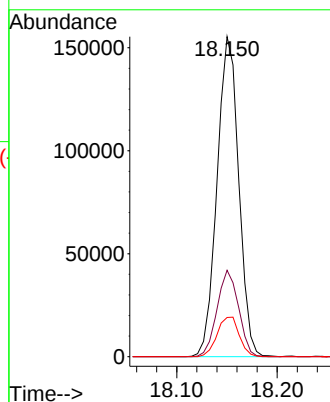
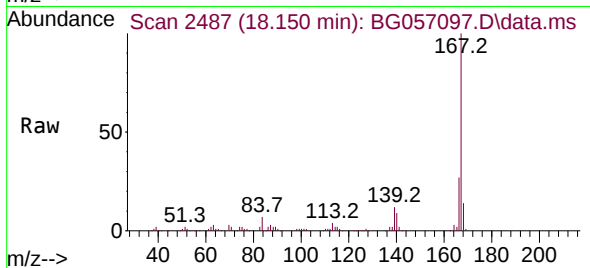
PB152103BSD

Tgt Ion:167 Resp: 232579
 Ion Ratio Lower Upper
 167 100
 166 27.0 17.9 26.9
 139 12.3 9.5 14.3

Manual Integrations

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Reviewed By :Christian Giraldo 04/17/2023
 Supervised By :Jagrut Upadhyay 04/17/2023



#74

Di-n-butylphthalate

Concen: 46.561 ng

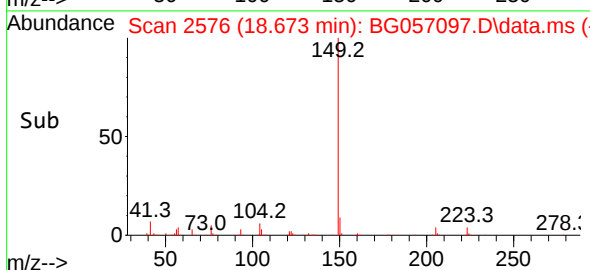
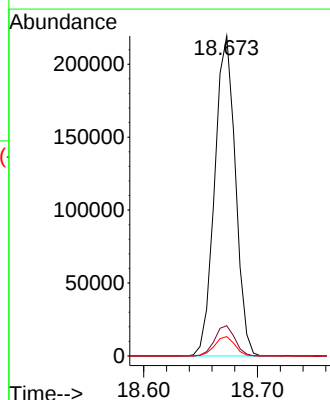
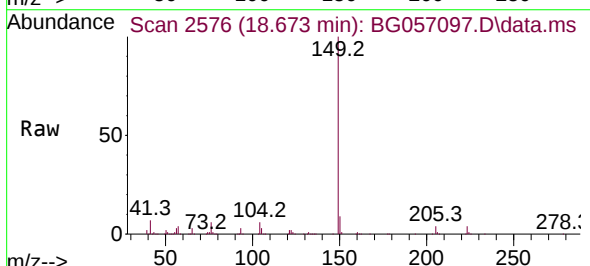
RT: 18.673 min Scan# 2576

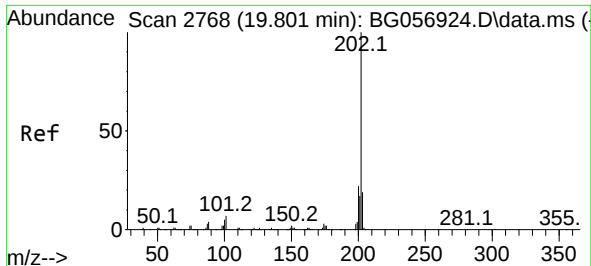
Delta R.T. -0.007 min

Lab File: BG057097.D

Acq: 14 Apr 2023 12:34

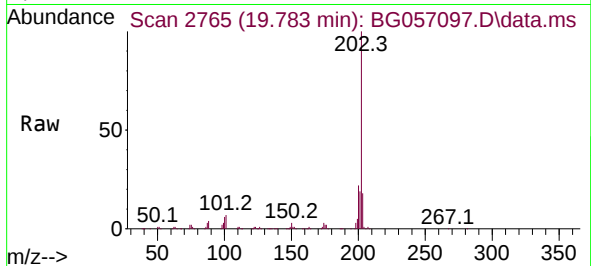
Tgt Ion:149 Resp: 277466
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.0
 104 6.1 4.9 7.3





#75
Fluoranthene
Concen: 43.321 ng
RT: 19.783 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

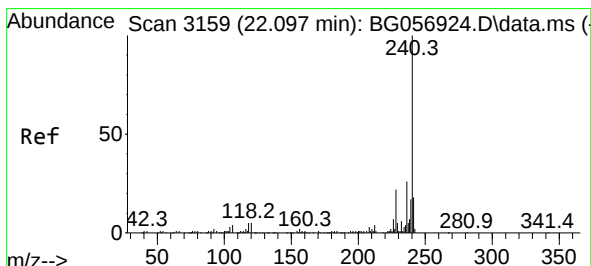
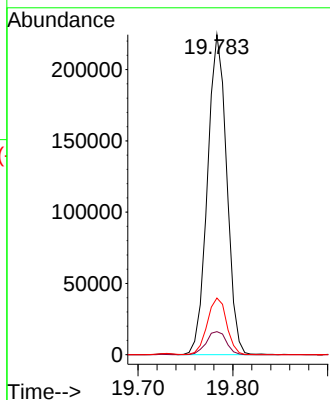
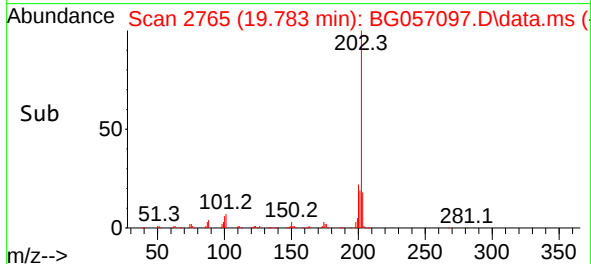
Instrument :
BNA_G
ClientSampleId :
PB152103BSD



Tgt Ion:202 Resp: 316192
Ion Ratio Lower Upper
202 100
101 7.2 0.0 26.7
203 17.7 0.0 39.0

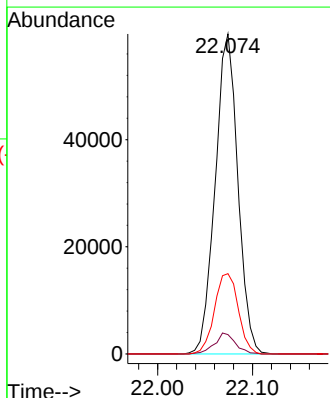
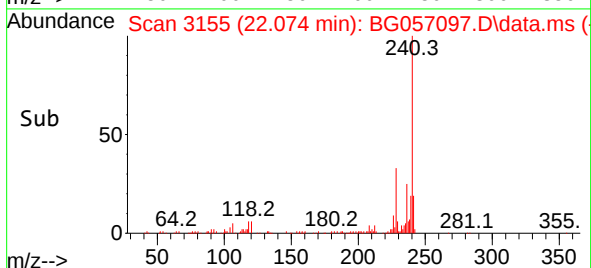
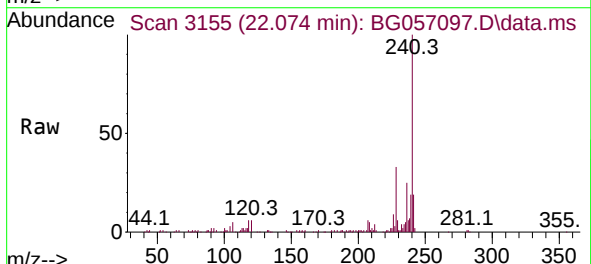
Manual Integrations
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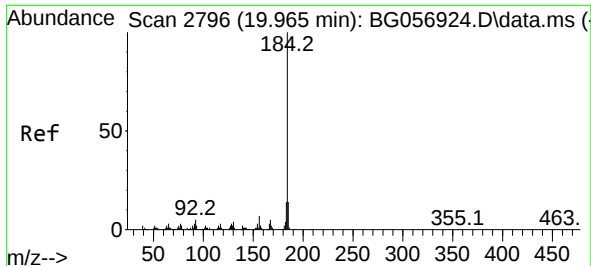
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.074 min Scan# 3155
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

Tgt Ion:240 Resp: 99258
Ion Ratio Lower Upper
240 100
120 6.0 3.8 5.6#
236 25.1 21.0 31.6





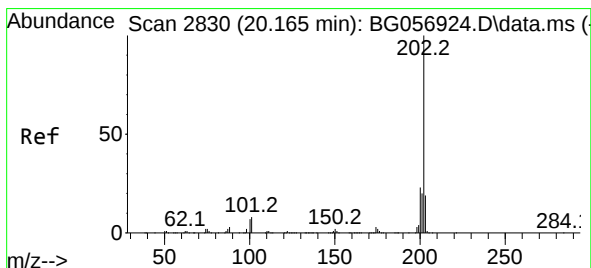
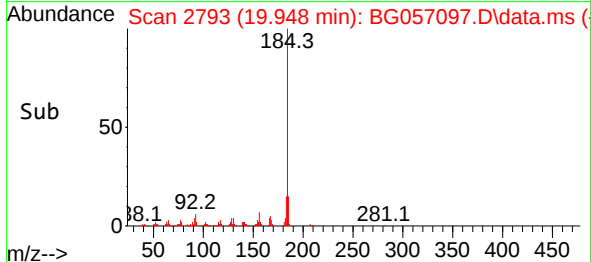
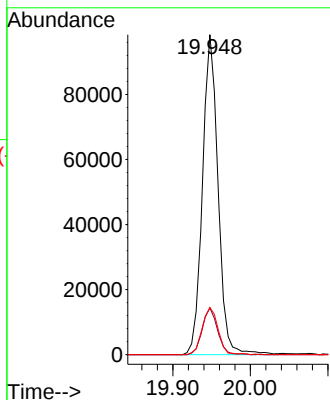
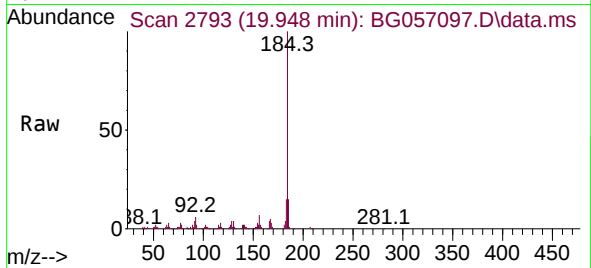
#77
Benzidine
Concen: 50.559 ng
RT: 19.948 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

Instrument :
BNA_G
ClientSampleId :
PB152103BSD

Tgt Ion:184 Resp: 137170
Ion Ratio Lower Upper
184 100
185 14.6 11.0 16.4
183 14.8 11.4 17.0

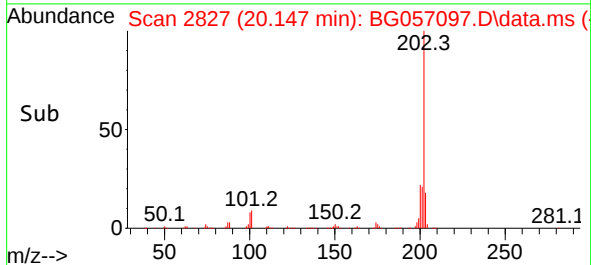
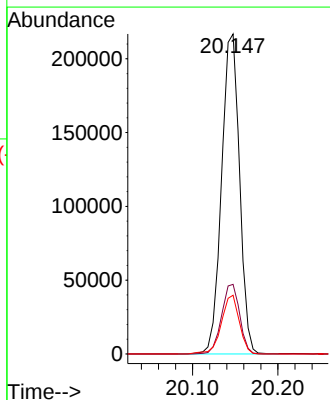
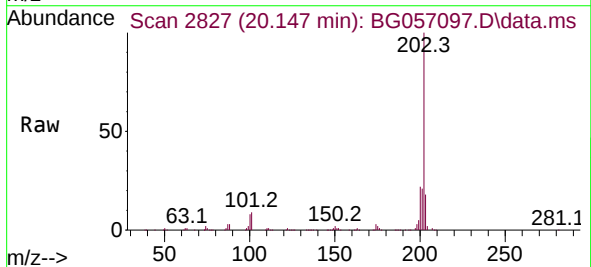
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#78
Pyrene
Concen: 46.285 ng
RT: 20.147 min Scan# 2827
Delta R.T. -0.001 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

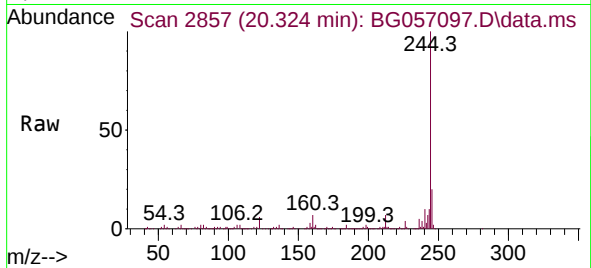
Tgt Ion:202 Resp: 317758
Ion Ratio Lower Upper
202 100
200 21.8 18.7 28.1
203 18.4 15.4 23.2





#79
Terphenyl-d14
Concen: 102.019 ng
RT: 20.324 min Scan# 2857
Delta R.T. -0.001 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

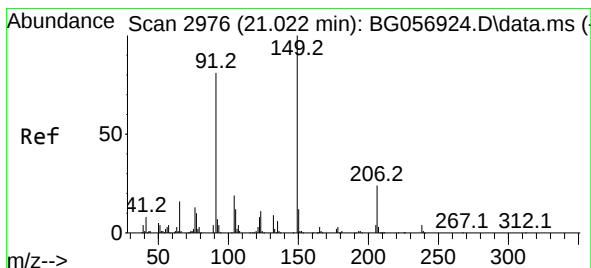
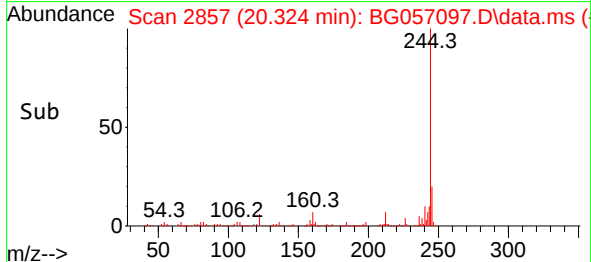
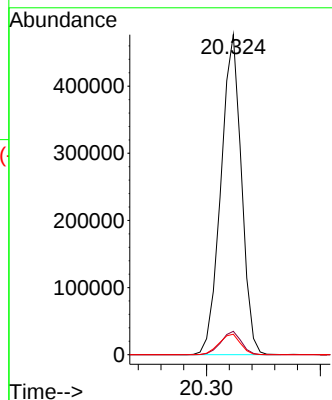
Instrument :
BNA_G
ClientSampleId :
PB152103BSD



Tgt Ion:244 Resp: 598420
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 6.4 5.0 7.4

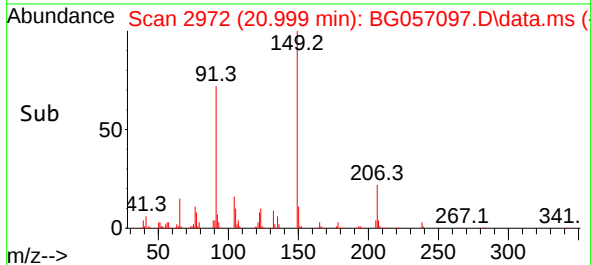
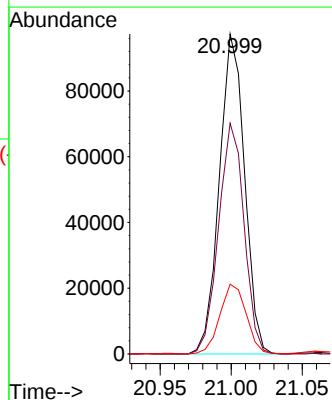
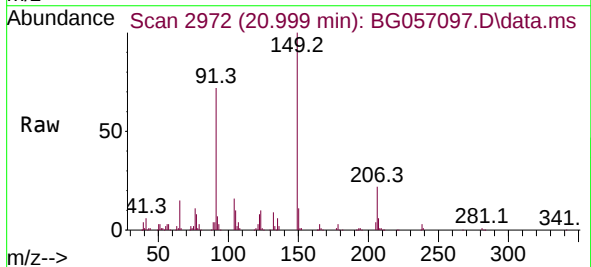
Manual Integrations
APPROVED

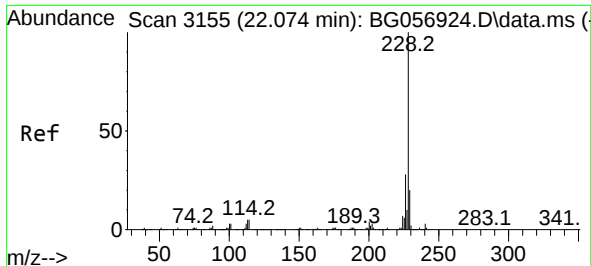
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#80
Butylbenzylphthalate
Concen: 50.773 ng
RT: 20.999 min Scan# 2972
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

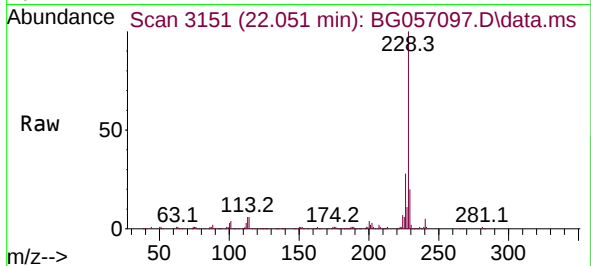
Tgt Ion:149 Resp: 119949
Ion Ratio Lower Upper
149 100
91 72.1 64.4 96.6
206 21.8 18.9 28.3





#81
Benzo(a)anthracene
Concen: 45.904 ng
RT: 22.051 min Scan# 3155
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

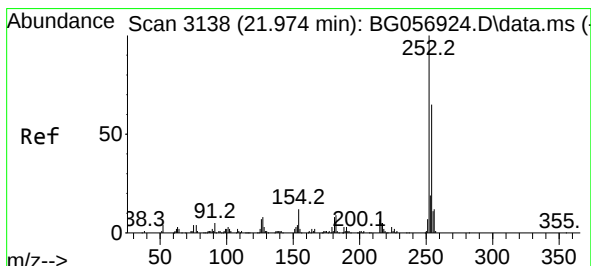
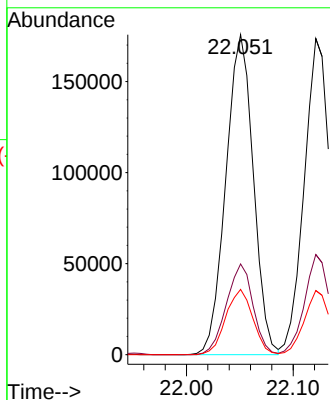
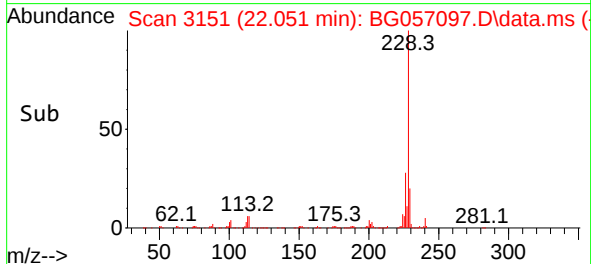
Instrument :
BNA_G
ClientSampleId :
PB152103BSD



Tgt Ion:228 Resp: 315298
Ion Ratio Lower Upper
228 100
226 28.4 22.1 33.1
229 20.4 16.1 24.1

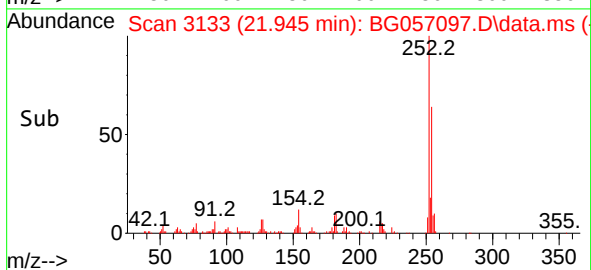
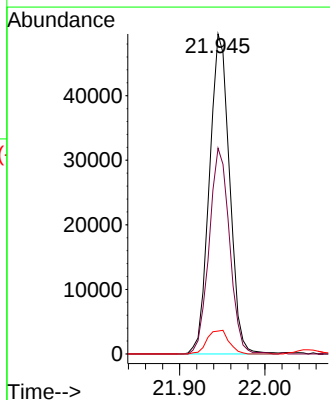
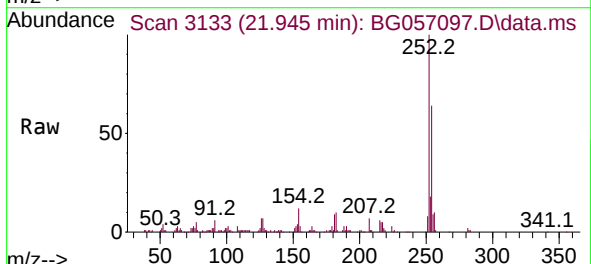
Manual Integrations
APPROVED

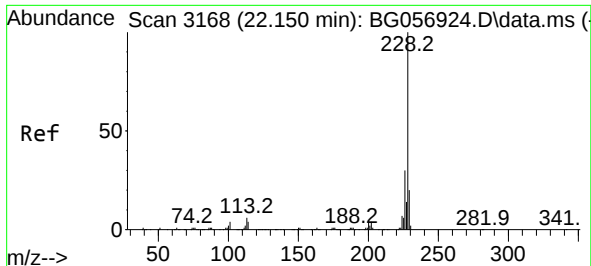
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#82
3,3'-Dichlorobenzidine
Concen: 35.078 ng
RT: 21.945 min Scan# 3133
Delta R.T. -0.013 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

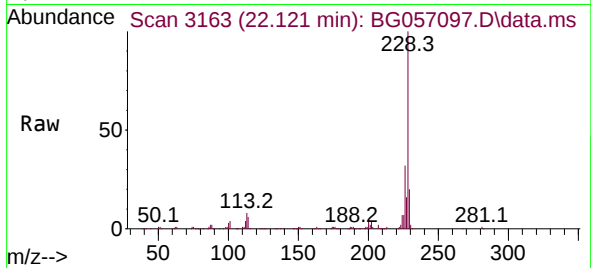
Tgt Ion:252 Resp: 81360
Ion Ratio Lower Upper
252 100
254 64.3 51.7 77.5
126 7.1 5.6 8.4





#83
Chrysene
Concen: 45.518 ng
RT: 22.121 min Scan# 3163
Delta R.T. -0.007 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

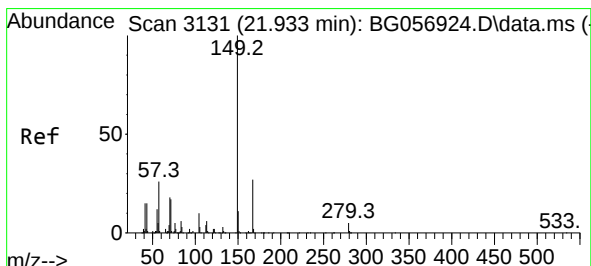
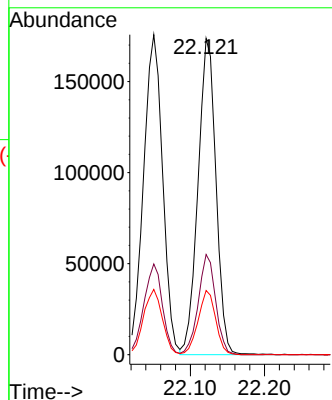
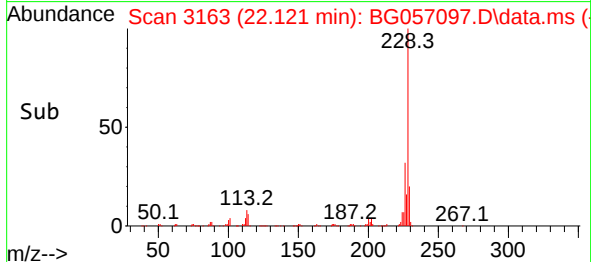
Instrument :
BNA_G
ClientSampleId :
PB152103BSD



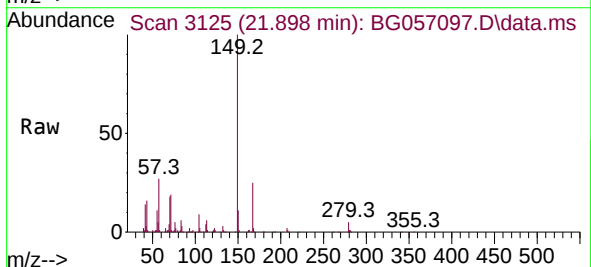
Tgt Ion:228 Resp: 292730
Ion Ratio Lower Upper
228 100
226 31.7 24.1 36.1
229 20.3 15.6 23.4

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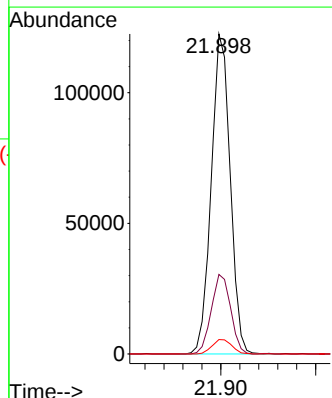
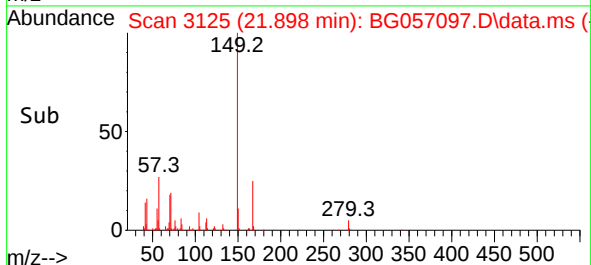
Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023

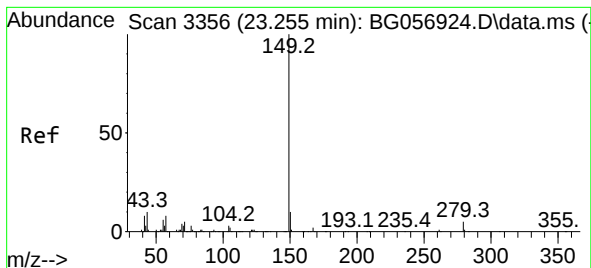


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.502 ng
RT: 21.898 min Scan# 3125
Delta R.T. -0.013 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34



Tgt Ion:149 Resp: 169340
Ion Ratio Lower Upper
149 100
167 24.9 21.4 32.2
279 4.5 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 49.762 ng

RT: 23.208 min Scan# 31

Delta R.T. -0.013 min

Lab File: BG057097.D

Acq: 14 Apr 2023 12:34

Instrument :

BNA_G

ClientSampleId :

PB152103BSD

Tgt Ion:149 Resp: 28686

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

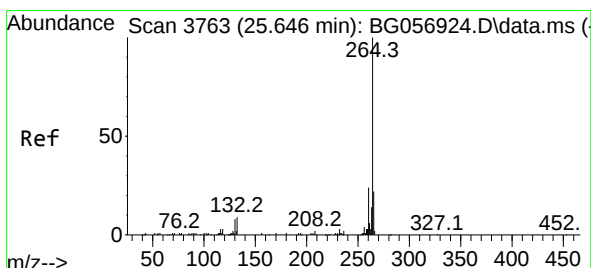
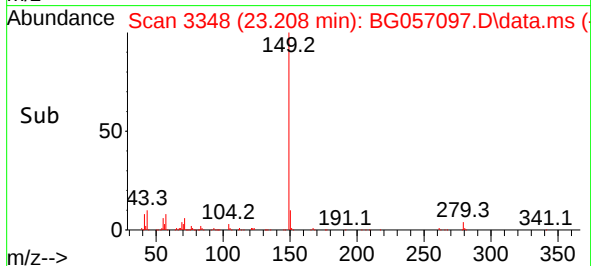
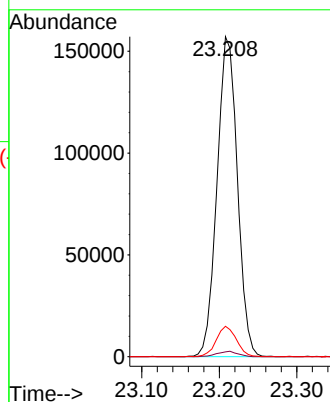
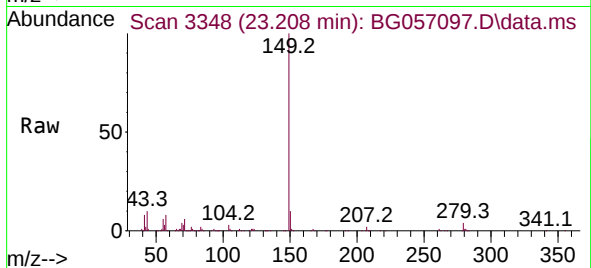
43 9.4 7.9 11.9

Manual Integrations

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Reviewed By :Christian Giraldo 04/17/2023

Supervised By :Jagrut Upadhyay 04/17/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.605 min Scan# 3756

Delta R.T. -0.007 min

Lab File: BG057097.D

Acq: 14 Apr 2023 12:34

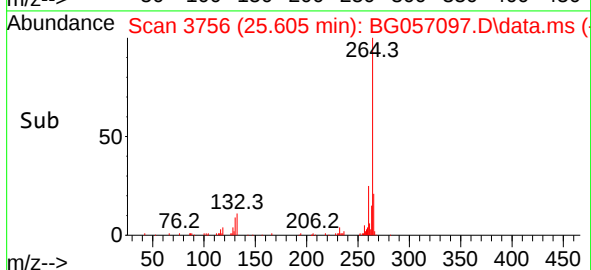
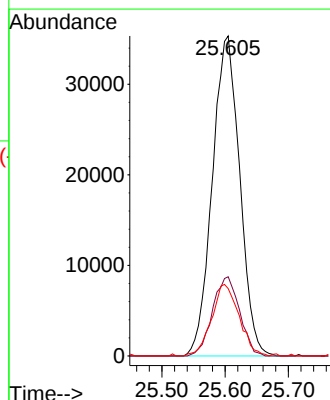
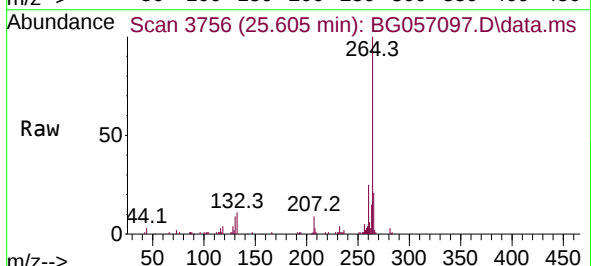
Tgt Ion:264 Resp: 106430

Ion Ratio Lower Upper

264 100

260 24.8 19.0 28.4

265 21.1 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.510 ng

RT: 29.682 min Scan# 4462

Delta R.T. -0.030 min

Lab File: BG057097.D

Acq: 14 Apr 2023 12:34

Instrument :

BNA_G

ClientSampleId :

PB152103BSD

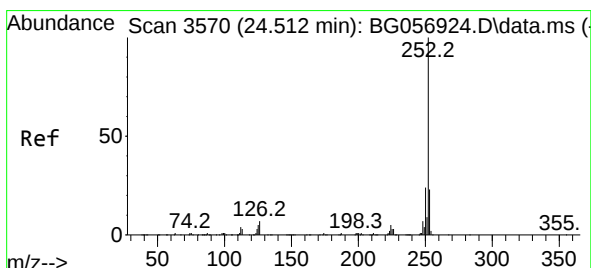
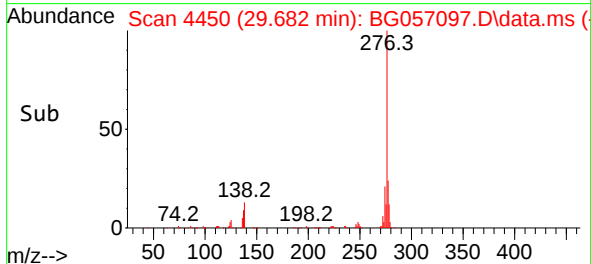
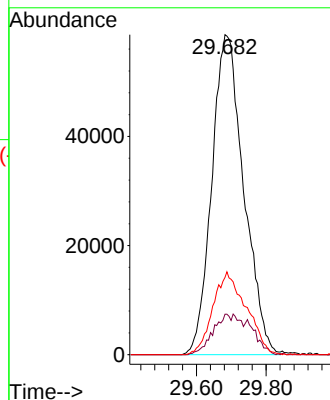
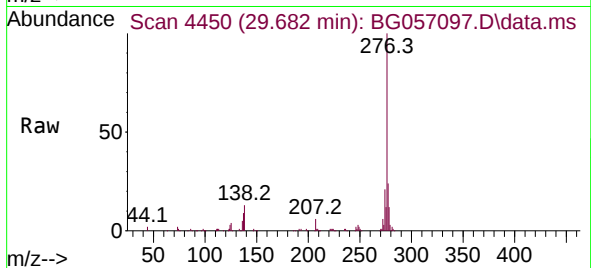
Tgt Ion:276 Resp: 37370
 Ion Ratio Lower Upper
 276 100
 138 7.2 7.7 11.5
 277 27.0 21.0 31.4

Manual Integrations

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Reviewed By :Christian Giraldo 04/17/2023

Supervised By :Jagrut Upadhyay 04/17/2023



#88

Benzo(b)fluoranthene

Concen: 49.853 ng

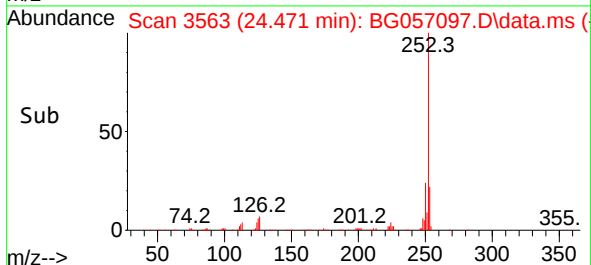
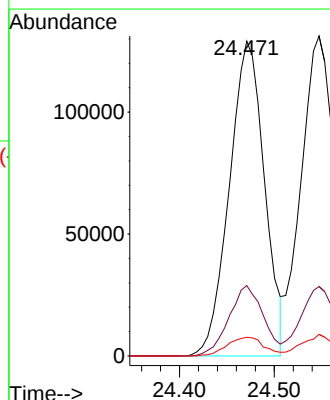
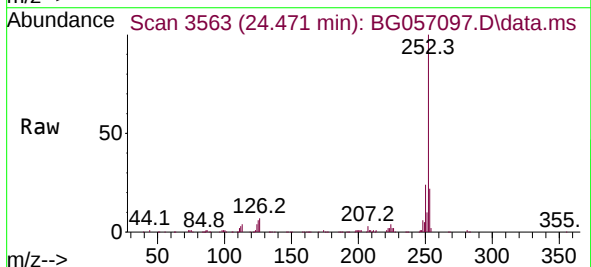
RT: 24.471 min Scan# 3563

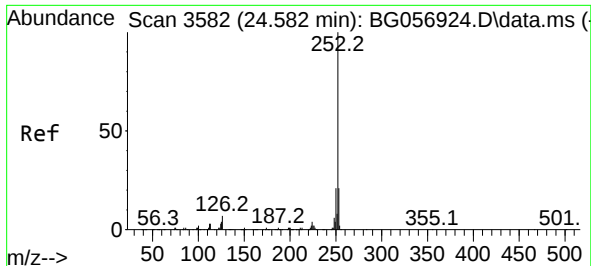
Delta R.T. -0.013 min

Lab File: BG057097.D

Acq: 14 Apr 2023 12:34

Tgt Ion:252 Resp: 331789
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.1 27.1
 125 5.9 4.2 6.4





#89

Benzo(k)fluoranthene

Concen: 49.109 ng

RT: 24.547 min Scan# 3

Delta R.T. -0.013 min

Lab File: BG057097.D

Acq: 14 Apr 2023 12:34

Instrument :

BNA_G

ClientSampleId :

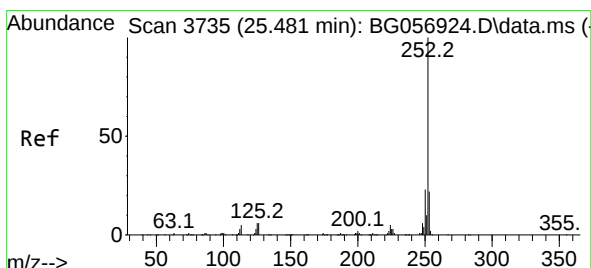
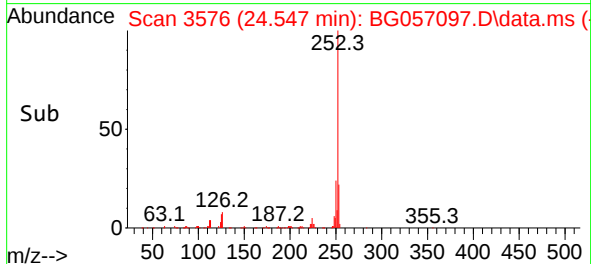
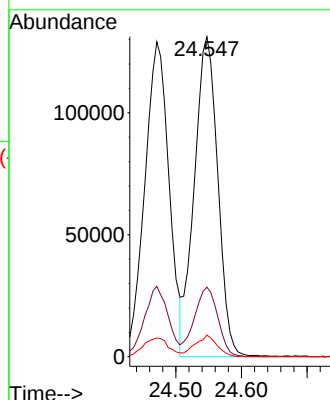
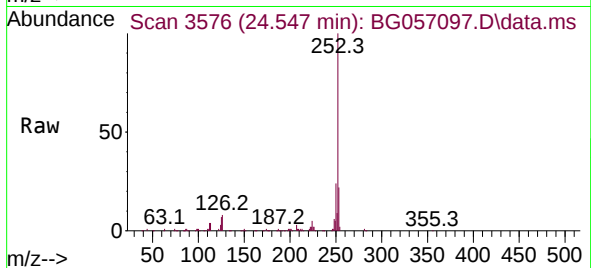
PB152103BSD

Tgt Ion:252 Resp: 32629
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.1 25.7
 125 6.7 3.8 5.6

Manual Integrations

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Reviewed By :Christian Giraldo 04/17/2023
 Supervised By :Jagrut Upadhyay 04/17/2023



#90

Benzo(a)pyrene

Concen: 44.143 ng

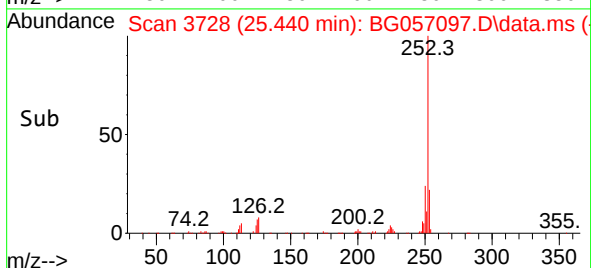
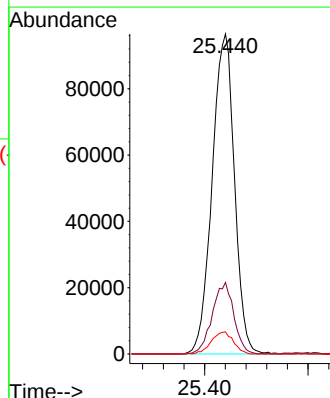
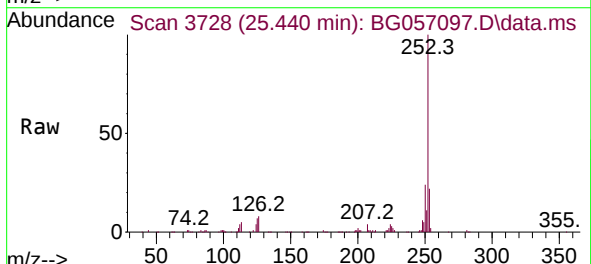
RT: 25.440 min Scan# 3728

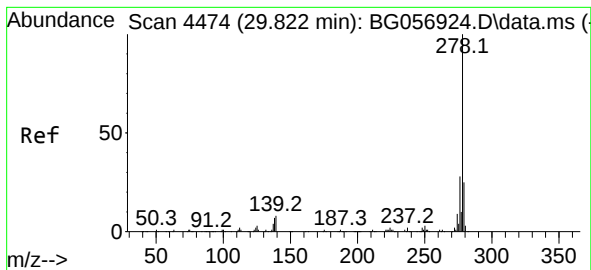
Delta R.T. -0.013 min

Lab File: BG057097.D

Acq: 14 Apr 2023 12:34

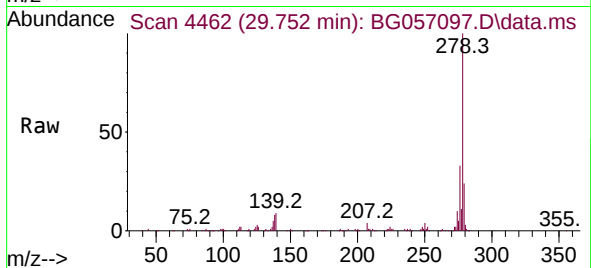
Tgt Ion:252 Resp: 288692
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.6 26.4
 125 6.9 4.5 6.7#





#91
Dibenzo(a,h)anthracene
Concen: 48.691 ng
RT: 29.752 min Scan# 4474
Delta R.T. -0.013 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34

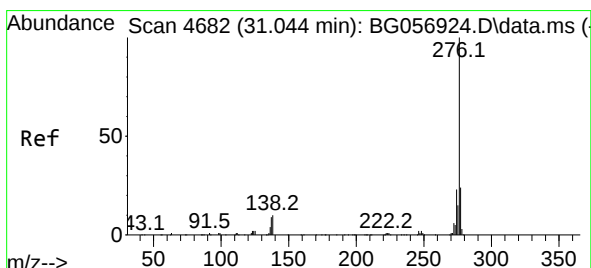
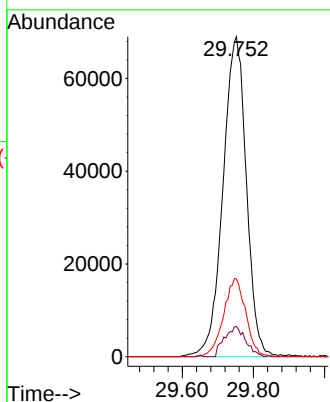
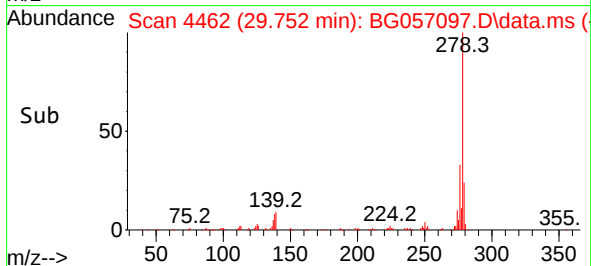
Instrument :
BNA_G
ClientSampleId :
PB152103BSD



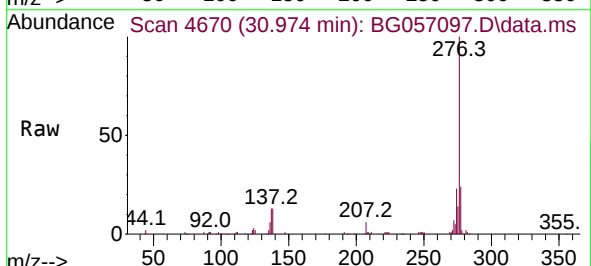
Tgt Ion:278 Resp: 314810
Ion Ratio Lower Upper
278 100
139 9.4 6.4 9.6
279 24.3 20.2 30.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/17/2023
Supervised By :Jagrut Upadhyay 04/17/2023



#92
Benzo(g,h,i)perylene
Concen: 47.067 ng
RT: 30.974 min Scan# 4670
Delta R.T. -0.018 min
Lab File: BG057097.D
Acq: 14 Apr 2023 12:34



Tgt Ion:276 Resp: 297976
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 13.2 8.2 12.2#

