

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100722\
 Data File : BG055097.D
 Acq On : 7 Oct 2022 13:12
 Operator : CG/JU
 Sample : PB148146BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148146BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/10/2022
 Supervised By : Jagrut Upadhyay 10/10/2022

Quant Time: Oct 08 03:08:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 08 03:04:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	24741	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	110608	20.000	ng	0.00
39) Acenaphthene-d10	14.945	164	85568	20.000	ng	0.00
64) Phenanthrene-d10	17.677	188	227126	20.000	ng	0.00
76) Chrysene-d12	21.972	240	224876	20.000	ng	0.00
86) Perylene-d12	25.421	264	239334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.855	112	194330	174.461	ng	0.00
7) Phenol-d6	7.465	99	262673	157.387	ng	0.00
23) Nitrobenzene-d5	9.504	82	162469	87.771	ng	0.00
42) 2,4,6-Tribromophenol	16.420	330	167625	185.679	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	426244	77.765	ng	0.00
79) Terphenyl-d14	20.250	244	965231	86.755	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.682	88	20525	32.567	ng	92
3) Pyridine	4.099	79	56271	29.691	ng	93
4) n-Nitrosodimethylamine	4.005	42	40556	37.419	ng	# 95
6) Aniline	7.647	93	96399	39.476	ng	97
8) 2-Chlorophenol	7.888	128	73642	57.477	ng	96
9) Benzaldehyde	7.459	77	47280	35.264	ng	97
10) Phenol	7.489	94	96965	51.127	ng	95
11) bis(2-Chloroethyl)ether	7.741	93	63377	40.772	ng	97
12) 1,3-Dichlorobenzene	8.223	146	76203	43.209	ng	95
13) 1,4-Dichlorobenzene	8.370	146	76562	42.898	ng	98
14) 1,2-Dichlorobenzene	8.693	146	75950	43.801	ng	98
15) Benzyl Alcohol	8.564	79	78201	52.167	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.858	45	108852	36.970	ng	97
17) 2-Methylphenol	8.764	107	68529	51.286	ng	94
18) Hexachloroethane	9.440	117	26373	46.602	ng	93
19) n-Nitroso-di-n-propyla...	9.140	70	61505	38.044	ng	# 96
20) 3+4-Methylphenols	9.087	107	95085	51.097	ng	99
22) Acetophenone	9.163	105	115906	41.322	ng	# 96
24) Nitrobenzene	9.551	77	89513	44.536	ng	91
25) Isophorone	10.074	82	171328	43.549	ng	97
26) 2-Nitrophenol	10.262	139	42327	72.126	ng	# 87
27) 2,4-Dimethylphenol	10.309	122	79892	59.239	ng	99
28) bis(2-Chloroethoxy)met...	10.550	93	91378	45.392	ng	# 98
29) 2,4-Dichlorophenol	10.797	162	83342	50.324	ng	97
30) 1,2,4-Trichlorobenzene	11.026	180	79152	40.975	ng	95
31) Naphthalene	11.220	128	233083	39.927	ng	99
32) Benzoic acid	10.415	122	60530	63.542	ng	94
33) 4-Chloroaniline	11.314	127	79157	32.792	ng	95
34) Hexachlorobutadiene	11.496	225	52257	41.719	ng	99
35) Caprolactam	12.066	113	33284m	63.441	ng	
36) 4-Chloro-3-methylphenol	12.401	107	96567	51.071	ng	96
37) 2-Methylnaphthalene	12.794	142	175374	40.765	ng	97
38) 1-Methylnaphthalene	13.012	142	170508	40.747	ng	100
40) 1,2,4,5-Tetrachloroben...	13.153	216	104875	41.977	ng	99
41) Hexachlorocyclopentadiene	13.135	237	135529	125.974	ng	97
43) 2,4,6-Trichlorophenol	13.382	196	78590	51.353	ng	97

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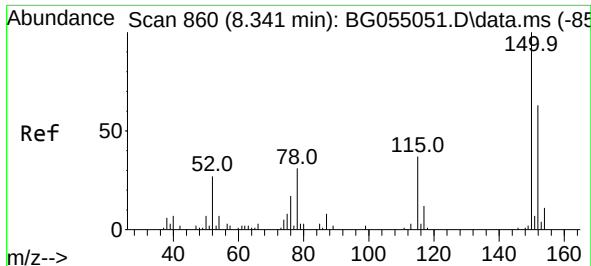
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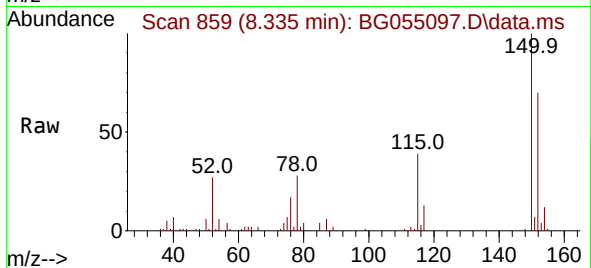
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.452	196	88728	51.359	ng	98
46) 1,1'-Biphenyl	13.781	154	246973	42.096	ng	99
47) 2-Chloronaphthalene	13.828	162	192154	40.646	ng	100
48) 2-Nitroaniline	14.022	65	70721	52.726	ng	96
49) Acenaphthylene	14.669	152	327506	41.835	ng	99
50) Dimethylphthalate	14.387	163	291220	50.144	ng	99
51) 2,6-Dinitrotoluene	14.504	165	62104	51.896	ng	# 83
52) Acenaphthene	15.009	154	235141	48.375	ng	98
53) 3-Nitroaniline	14.833	138	54736	40.057	ng	93
54) 2,4-Dinitrophenol	15.033	184	79225	146.761	ng	# 47
55) Dibenzofuran	15.338	168	329075	42.433	ng	99
56) 4-Nitrophenol	15.121	139	118738	109.535	ng	95
57) 2,4-Dinitrotoluene	15.280	165	89991	54.855	ng	90
58) Fluorene	15.979	166	267212	43.057	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.550	232	84845	53.011	ng	98
60) Diethylphthalate	15.738	149	308874	51.543	ng	100
61) 4-Chlorophenyl-phenyle...	15.967	204	149042	44.181	ng	99
62) 4-Nitroaniline	15.991	138	71820	51.405	ng	97
63) Azobenzene	16.261	77	262682	38.920	ng	96
65) 4,6-Dinitro-2-methylph...	16.044	198	52427	61.928	ng	96
66) n-Nitrosodiphenylamine	16.179	169	252239	42.644	ng	97
67) 4-Bromophenyl-phenylether	16.860	248	104045	43.315	ng	95
68) Hexachlorobenzene	16.978	284	118758	42.763	ng	97
69) Atrazine	17.113	200	115735	60.056	ng	100
70) Pentachlorophenol	17.319	266	157136	98.649	ng	96
71) Phenanthrene	17.718	178	490480	41.111	ng	99
72) Anthracene	17.812	178	494052	42.577	ng	98
73) Carbazole	18.071	167	461896	45.351	ng	99
74) Di-n-butylphthalate	18.611	149	553629	52.071	ng	99
75) Fluoranthene	19.704	202	632245	42.479	ng	99
77) Benzidine	19.868	184	309521	79.898	ng	100
78) Pyrene	20.062	202	629567	42.103	ng	99
80) Butylbenzylphthalate	20.932	149	237729	50.497	ng	97
81) Benzo(a)anthracene	21.948	228	594831	41.639	ng	99
82) 3,3'-Dichlorobenzidine	21.848	252	190435	45.857	ng	97
83) Chrysene	22.019	228	552637	40.138	ng	98
84) Bis(2-ethylhexyl)phtha...	21.831	149	342294	48.820	ng	99
85) Di-n-octyl phthalate	23.123	149	580579	49.283	ng	96
87) Indeno(1,2,3-cd)pyrene	29.387	276	733360	42.460	ng	# 95
88) Benzo(b)fluoranthene	24.316	252	648761	46.006	ng	99
89) Benzo(k)fluoranthene	24.393	252	625518	44.030	ng	99
90) Benzo(a)pyrene	25.250	252	570813	47.228	ng	98
91) Dibenzo(a,h)anthracene	29.463	278	636026	45.331	ng	99
92) Benzo(g,h,i)perylene	30.638	276	626955	44.514	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.335 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: BG055097.D
 Acq: 7 Oct 2022 13:12

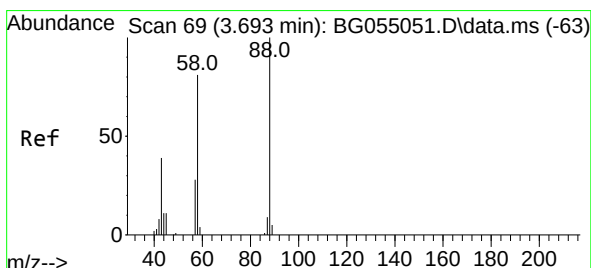
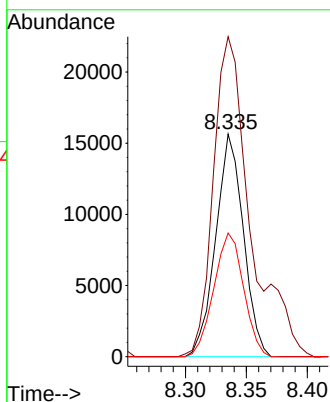
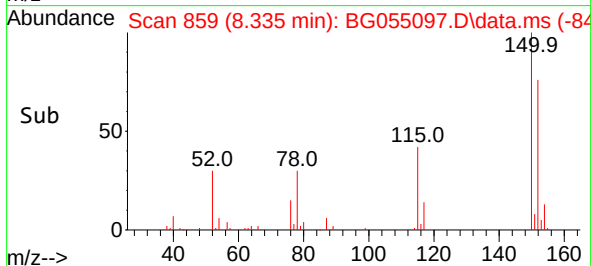
Instrument :
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 ClientSampleId :
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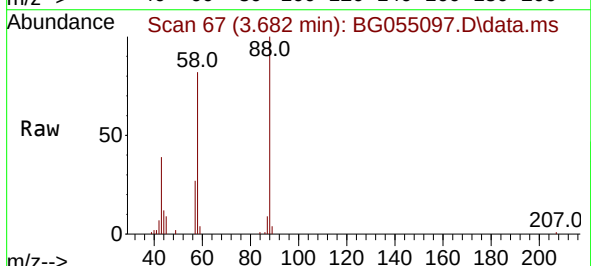
Tgt Ion:152 Resp: 2474
 Ion Ratio Lower Upper
 152 100
 150 143.8 128.0 192.0
 115 55.6 47.7 71.5

Manual Integrations
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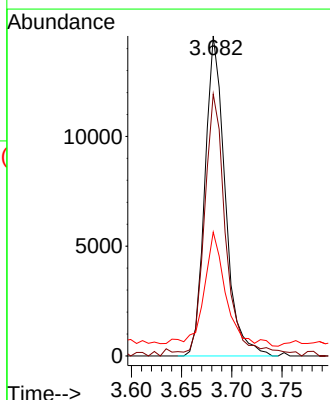
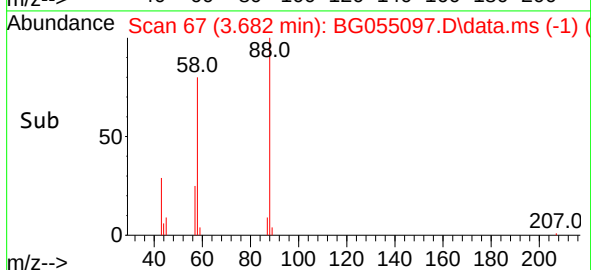
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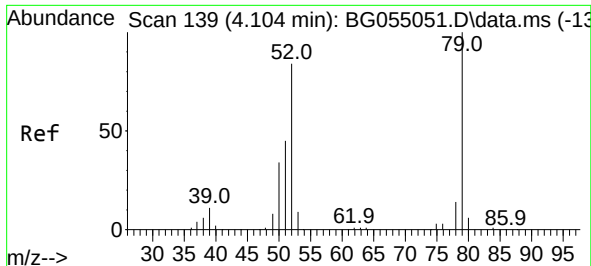


#2
 1,4-Dioxane
 Concen: 32.567 ng
 RT: 3.682 min Scan# 67
 Delta R.T. -0.003 min
 Lab File: BG055097.D
 Acq: 7 Oct 2022 13:12



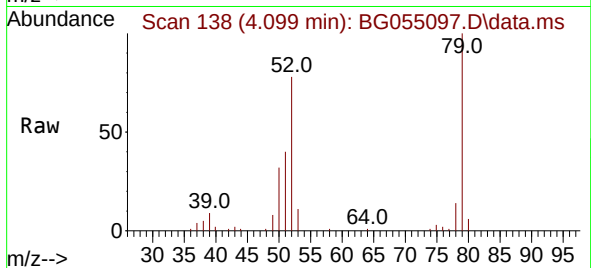
Tgt Ion: 88 Resp: 20525
 Ion Ratio Lower Upper
 88 100
 58 86.0 62.6 94.0
 43 39.1 29.0 43.6





#3
Pyridine
Concen: 29.691 ng
RT: 4.099 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

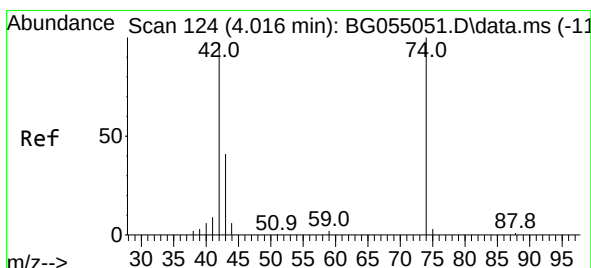
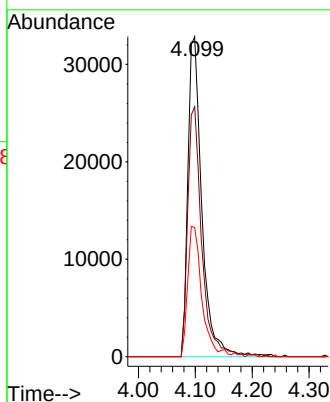
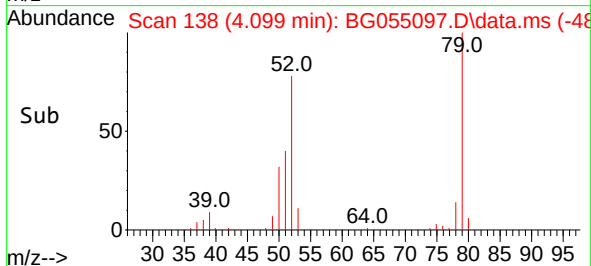
Instrument :
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ClientSampleId :
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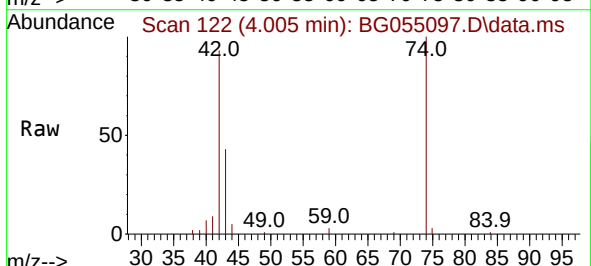
Tgt Ion: 79 Resp: 5627
Ion Ratio Lower Upper
79 100
52 78.1 66.8 100.2
51 40.4 37.3 55.9

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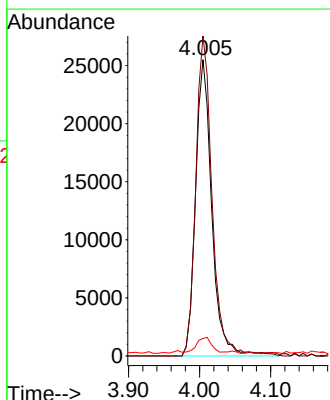
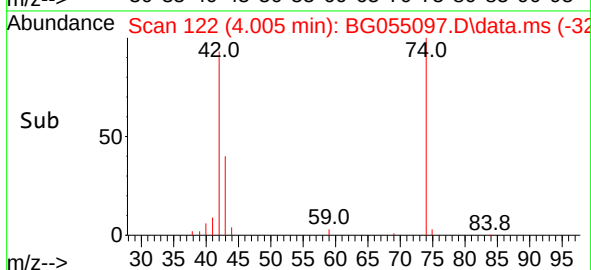
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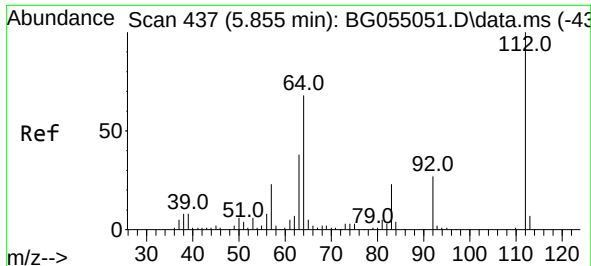


#4
n-Nitrosodimethylamine
Concen: 37.419 ng
RT: 4.005 min Scan# 122
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12



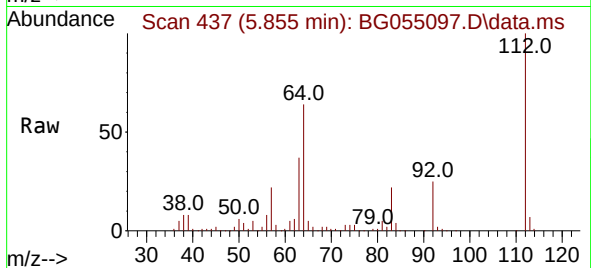
Tgt Ion: 42 Resp: 40556
Ion Ratio Lower Upper
42 100
74 108.0 82.6 124.0
44 5.9 7.0 10.6#





#5
2-Fluorophenol
Concen: 174.461 ng
RT: 5.855 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

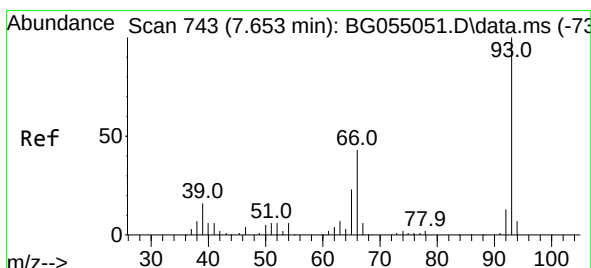
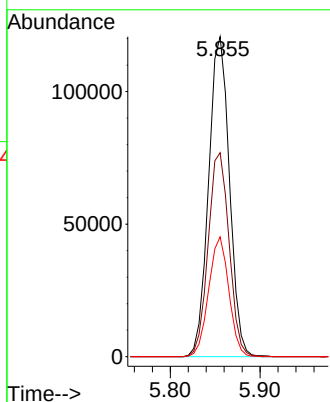
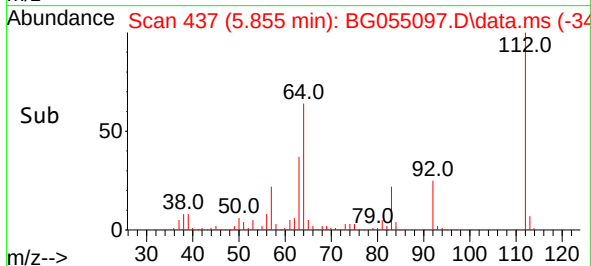
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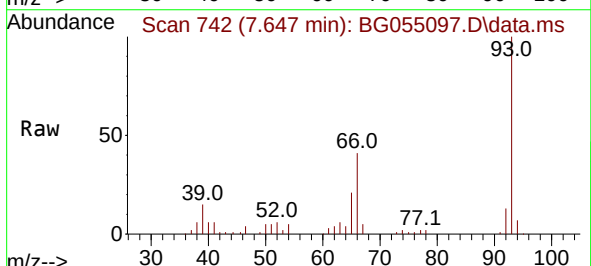
Tgt Ion:112 Resp: 194330
Ion Ratio Lower Upper
112 100
64 63.8 54.5 81.7
63 37.4 30.5 45.7

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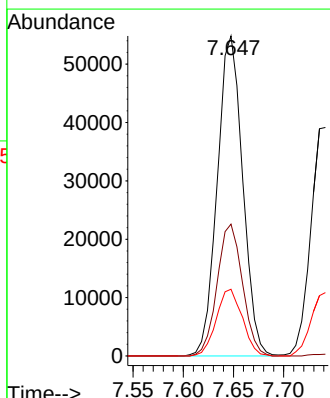
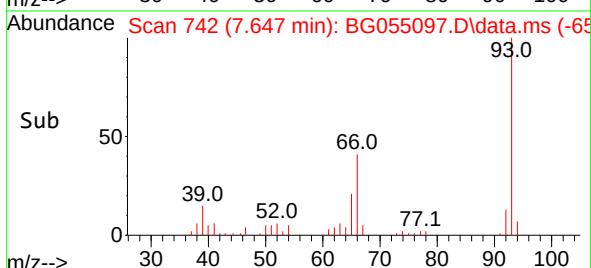
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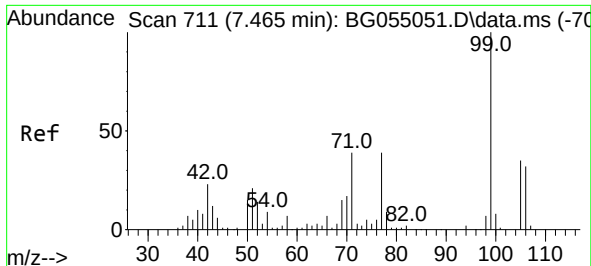


#6
Aniline
Concen: 39.476 ng
RT: 7.647 min Scan# 742
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12



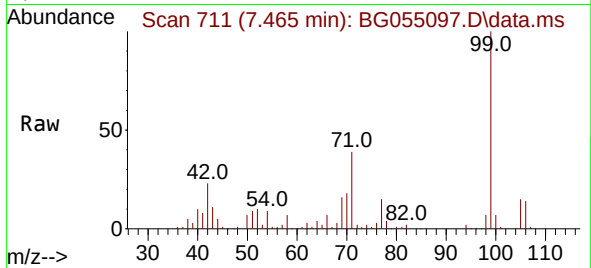
Tgt Ion: 93 Resp: 96399
Ion Ratio Lower Upper
93 100
66 41.2 34.6 52.0
65 20.9 18.2 27.2





#7
Phenol-d6
Concen: 157.387 ng
RT: 7.465 min Scan# 711
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

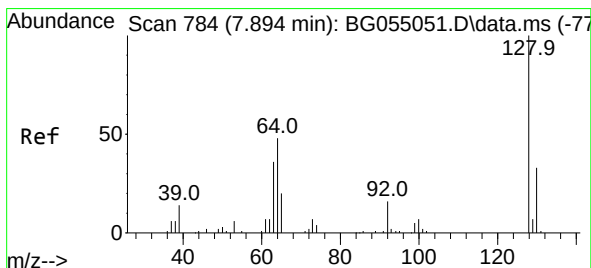
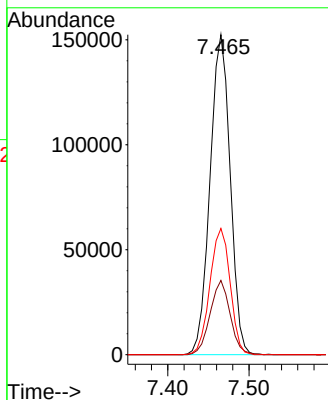
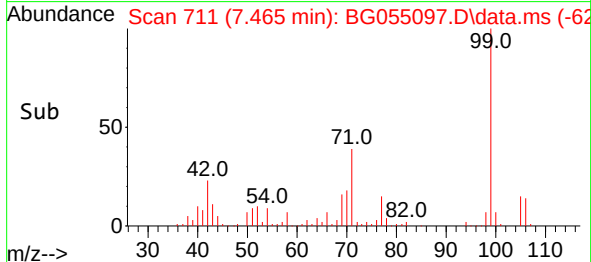
Instrument :
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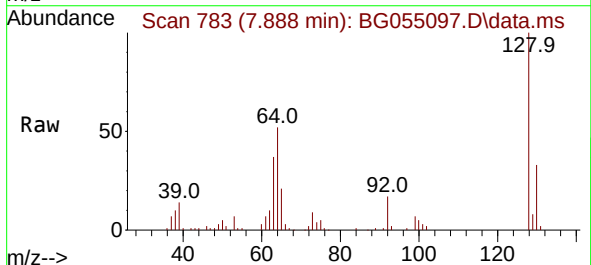
Tgt Ion: 99 Resp: 26267
Ion Ratio Lower Upper
99 100
42 23.2 18.6 28.0
71 39.4 31.2 46.8

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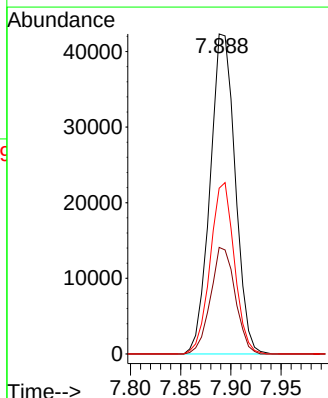
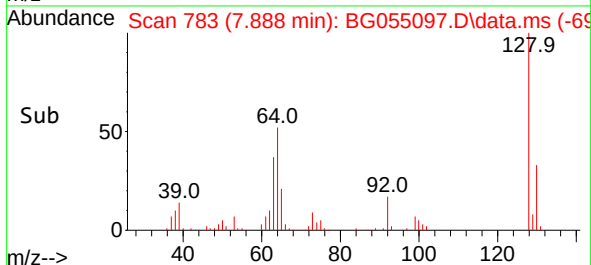
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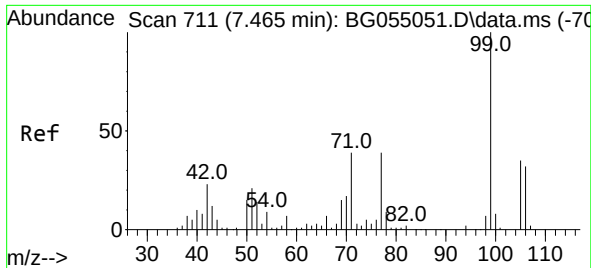


#8
2-Chlorophenol
Concen: 57.477 ng
RT: 7.888 min Scan# 783
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12



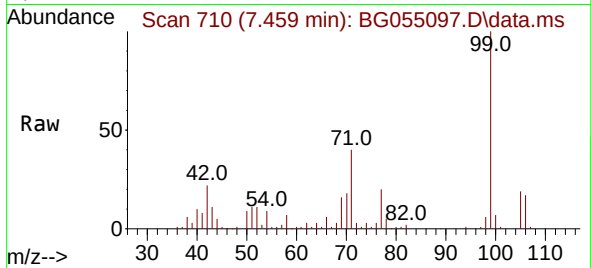
Tgt Ion:128 Resp: 73642
Ion Ratio Lower Upper
128 100
130 33.3 12.9 52.9
64 51.8 35.9 75.9





#9
Benzaldehyde
Concen: 35.264 ng
RT: 7.459 min Scan# 710
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

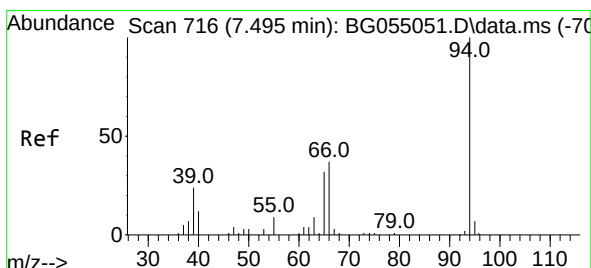
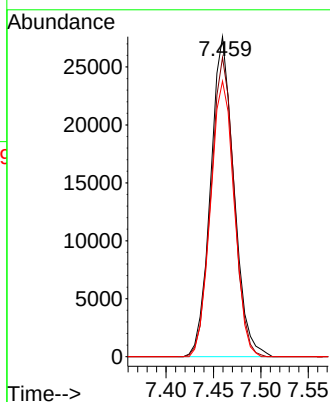
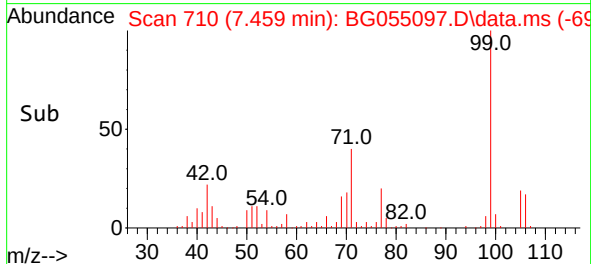
Instrument :
BNA_G
ClientSampleId :
PB148146BSD



Tgt Ion: 77 Resp: 47280
Ion Ratio Lower Upper
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105 93.5 70.4 110.4
106 86.1 62.8 102.8

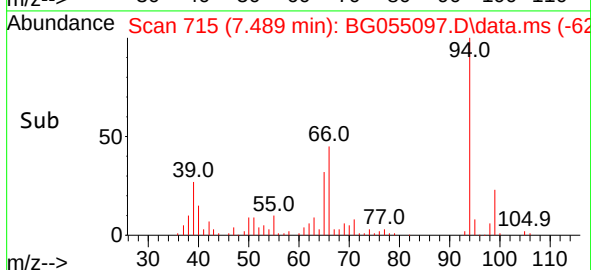
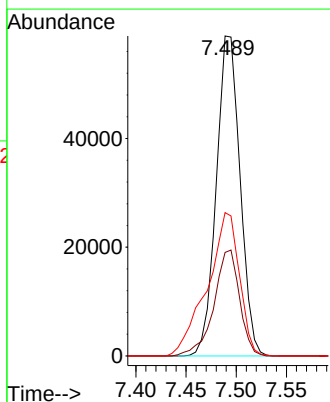
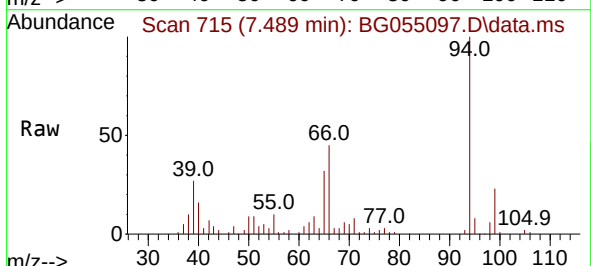
Manual Integrations
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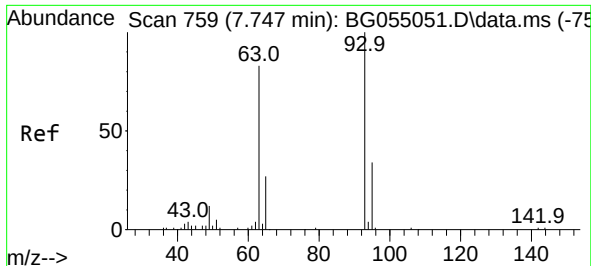
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#10
Phenol
Concen: 51.127 ng
RT: 7.489 min Scan# 715
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

Tgt Ion: 94 Resp: 96965
Ion Ratio Lower Upper
94 100
65 32.3 11.8 51.8
66 44.8 19.3 59.3





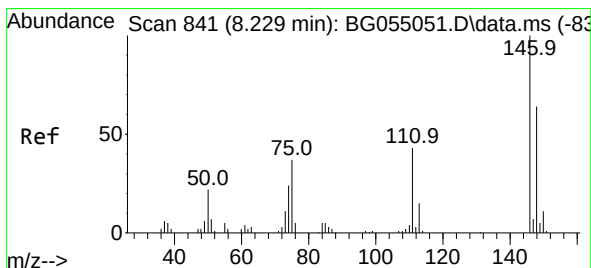
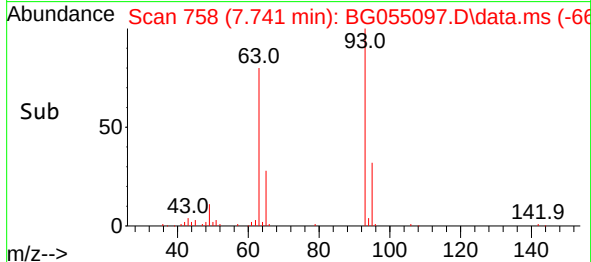
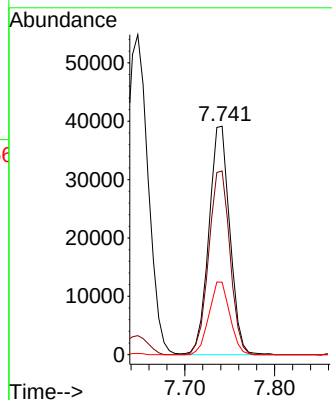
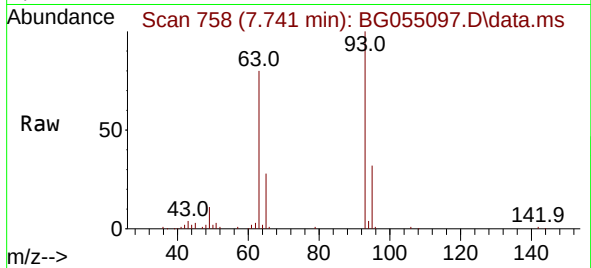
#11
bis(2-Chloroethyl)ether
Concen: 40.772 ng
RT: 7.741 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

Instrument :
BNA_G
ClientSampleId :
PB148146BSD

Tgt Ion: 93 Resp: 6337
Ion Ratio Lower Upper
93 100
63 80.4 62.5 102.5
95 31.7 13.6 53.6

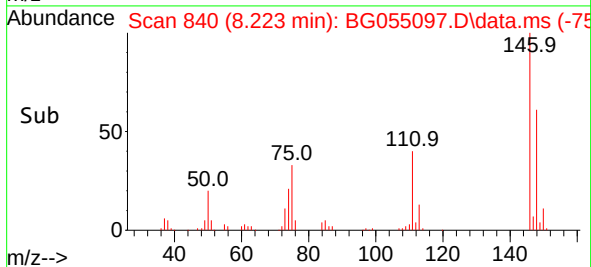
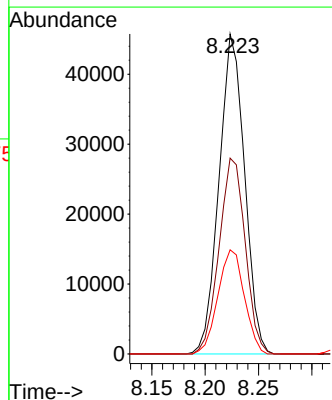
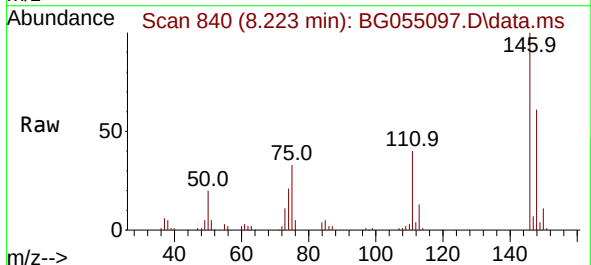
Manual Integrations
APPROVED

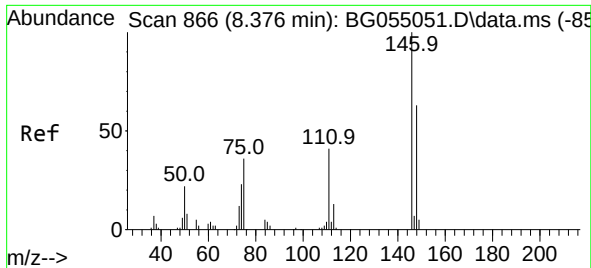
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#12
1,3-Dichlorobenzene
Concen: 43.209 ng
RT: 8.223 min Scan# 840
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

Tgt Ion:146 Resp: 76203
Ion Ratio Lower Upper
146 100
148 61.2 50.9 76.3
75 32.5 29.8 44.6





#13
1,4-Dichlorobenzene
Concen: 42.898 ng
RT: 8.370 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

Instrument :

BNA_G

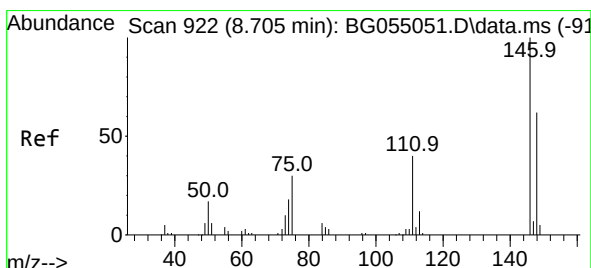
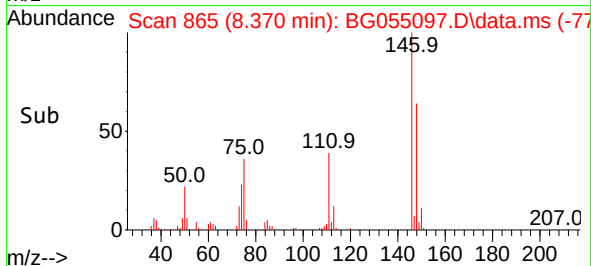
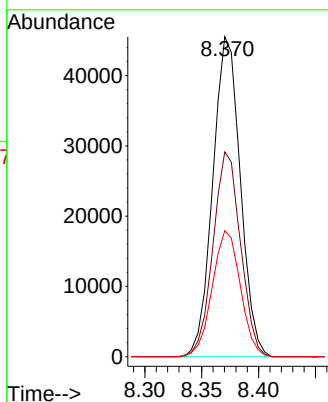
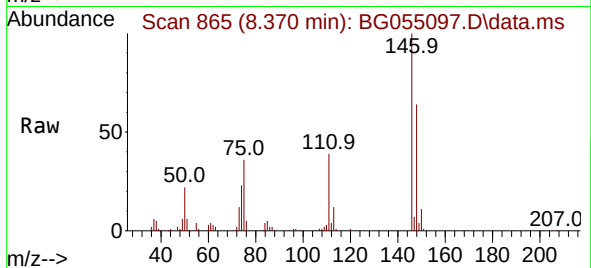
ClientSampleId :

PB148146BSD

Tgt Ion:146 Resp: 7656
Ion Ratio Lower Upper
146 100
148 64.0 50.5 75.7
111 39.3 33.1 49.7

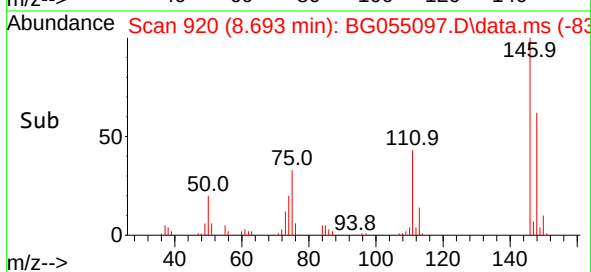
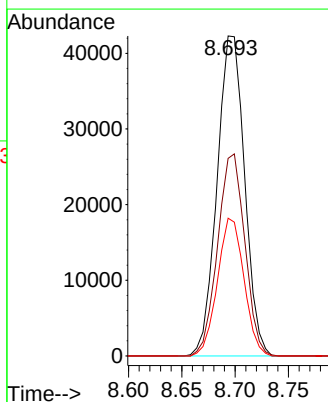
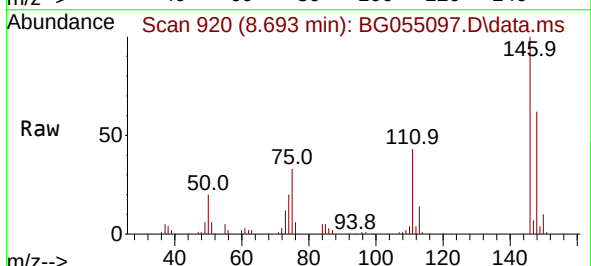
Manual Integrations
APPROVED

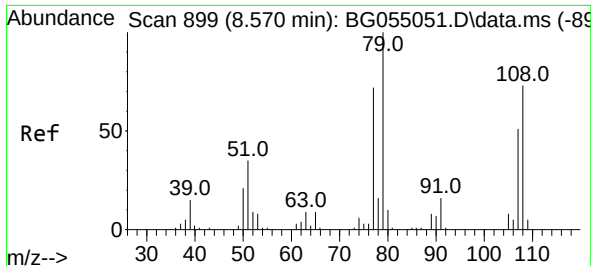
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#14
1,2-Dichlorobenzene
Concen: 43.801 ng
RT: 8.693 min Scan# 920
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

Tgt Ion:146 Resp: 75950
Ion Ratio Lower Upper
146 100
148 61.7 49.6 74.4
111 43.1 32.4 48.6





#15
Benzyl Alcohol
Concen: 52.167 ng
RT: 8.564 min Scan# 899
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

Instrument :

BNA_G

ClientSampleId :

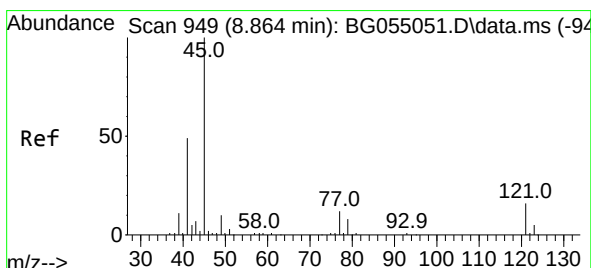
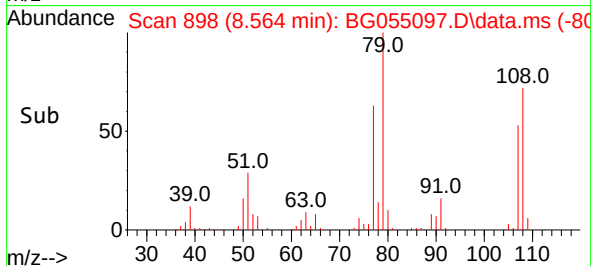
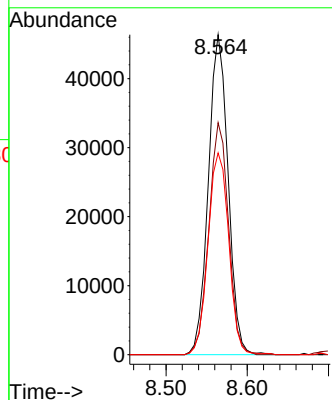
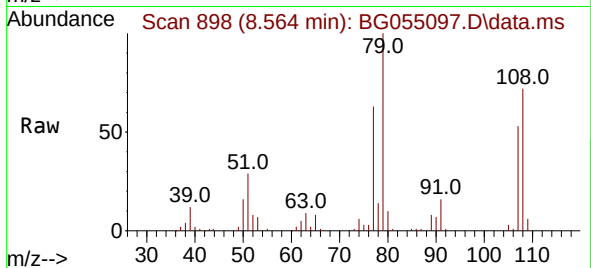
PB148146BSD

Tgt Ion: 79 Resp: 7820
Ion Ratio Lower Upper
79 100
108 72.5 58.6 87.8
77 63.0 57.8 86.6

Manual Integrations

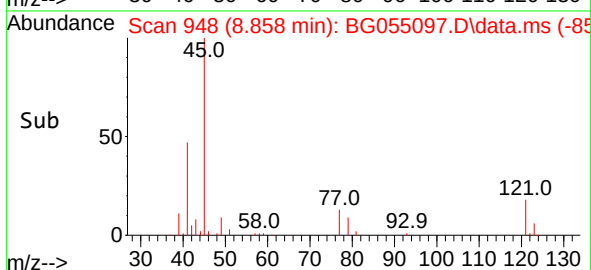
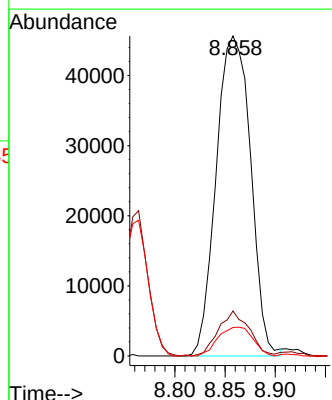
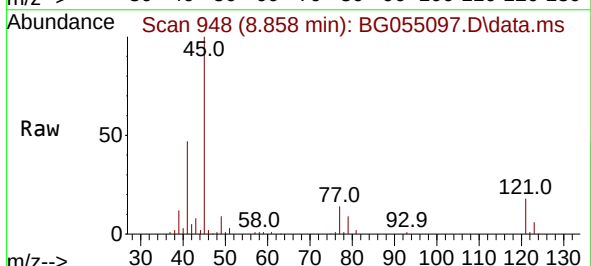
APPROVED

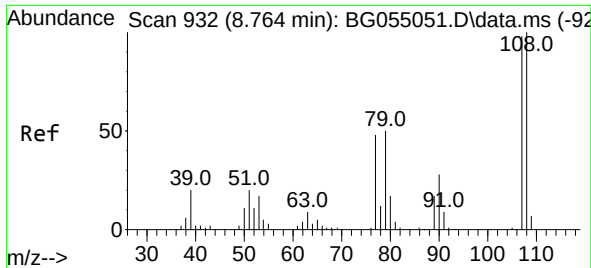
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.970 ng
RT: 8.858 min Scan# 948
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

Tgt Ion: 45 Resp: 108852
Ion Ratio Lower Upper
45 100
77 14.0 0.0 32.1
79 8.9 0.0 28.7





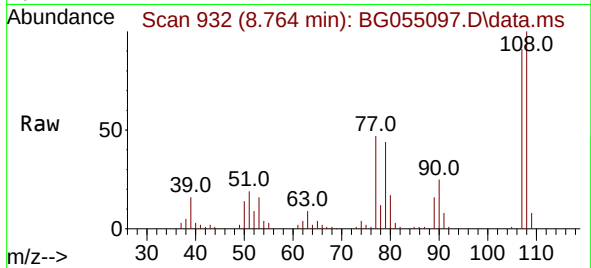
#17
2-Methylphenol
Concen: 51.286 ng
RT: 8.764 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

Instrument :

BNA_G

ClientSampleId :

PB148146BSD

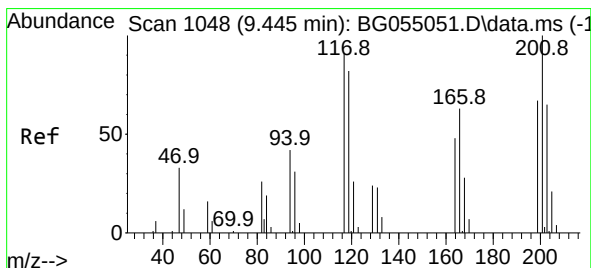
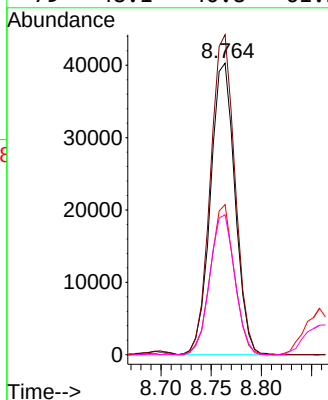
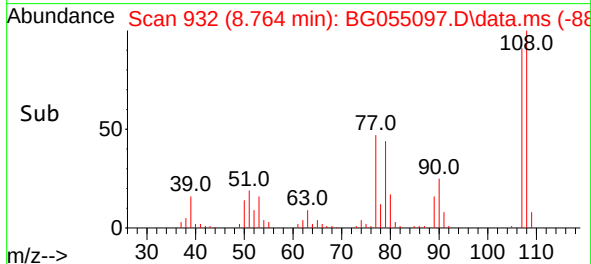


Tgt Ion:107 Resp: 68529
Ion Ratio Lower Upper
107 100
108 109.8 81.8 122.6
77 51.5 39.4 59.2
79 48.1 40.8 61.2

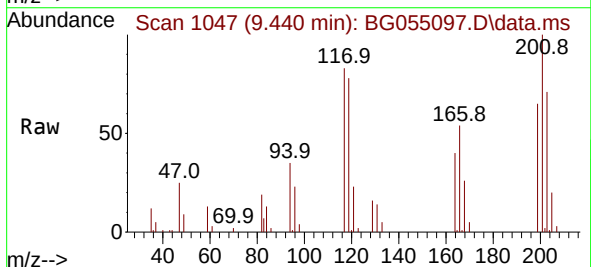
Manual Integrations

APPROVED

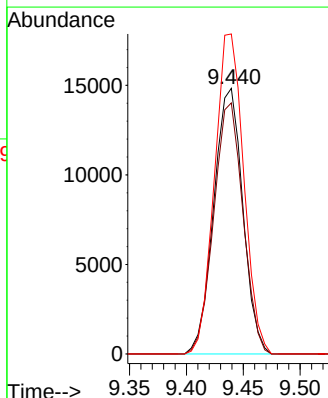
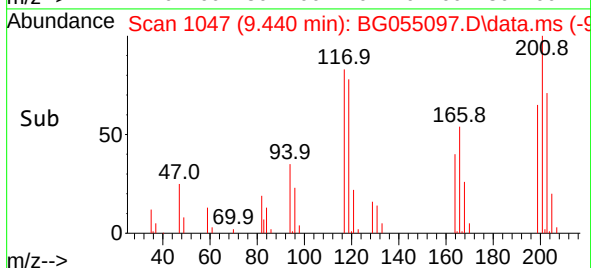
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

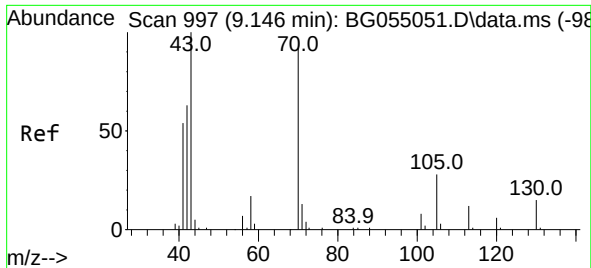


#18
Hexachloroethane
Concen: 46.602 ng
RT: 9.440 min Scan# 1047
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12



Tgt Ion:117 Resp: 26373
Ion Ratio Lower Upper
117 100
119 94.5 72.2 108.2
201 120.5 88.2 132.4





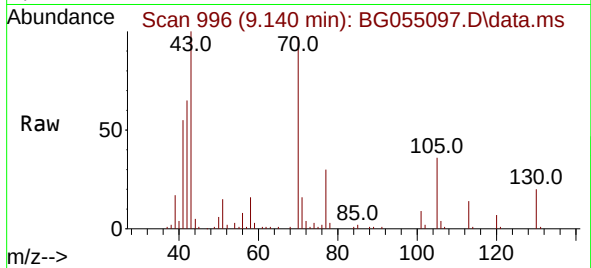
#19
n-Nitroso-di-n-propylamine
Concen: 38.044 ng
RT: 9.140 min Scan# 997
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

Instrument :

BNA_G

ClientSampleId :

PB148146BSD

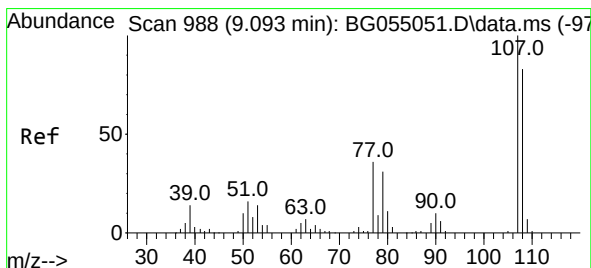
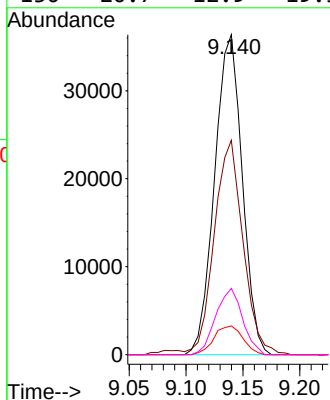
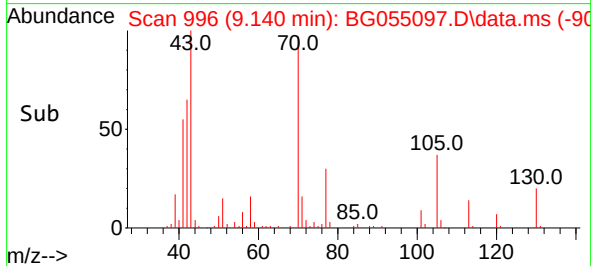


Tgt Ion: 70 Resp: 6150
Ion Ratio Lower Upper
70 100
42 67.0 55.8 83.6
101 9.0 7.1 10.7
130 20.7 12.9 19.3#

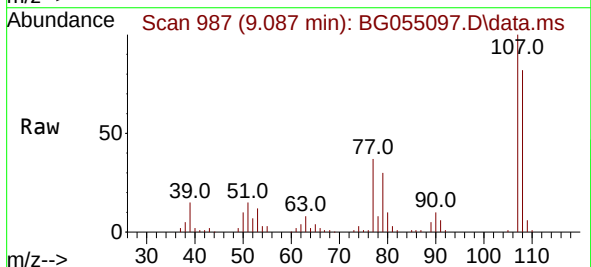
Manual Integrations

APPROVED

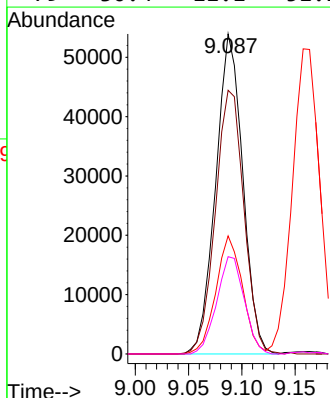
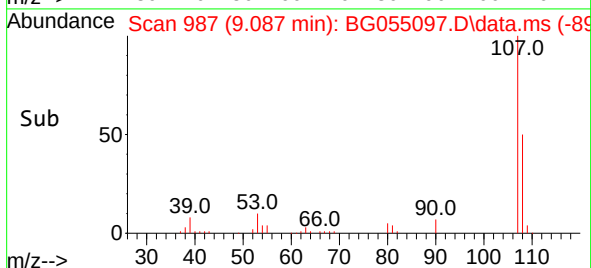
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

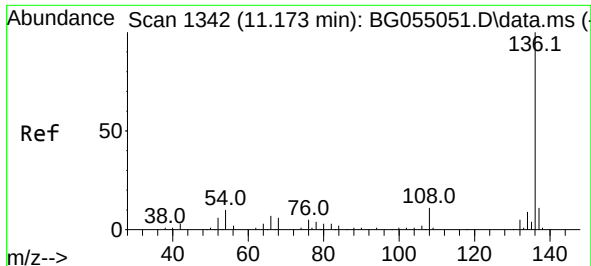


#20
3+4-Methylphenols
Concen: 51.097 ng
RT: 9.087 min Scan# 987
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12



Tgt Ion:107 Resp: 95085
Ion Ratio Lower Upper
107 100
108 82.4 63.4 103.4
77 36.9 16.9 56.9
79 30.4 11.1 51.1





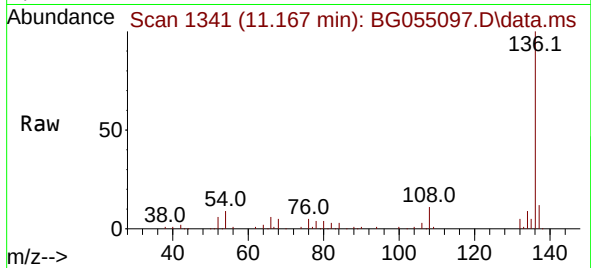
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 111
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

Instrument :

BNA_G

ClientSampleId :

PB148146BSD

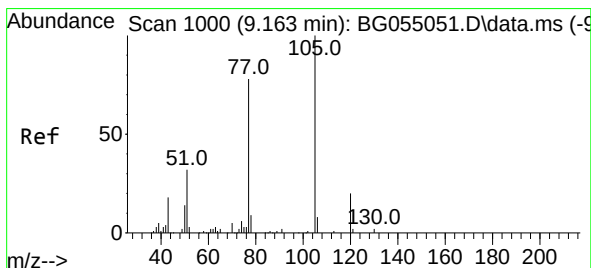
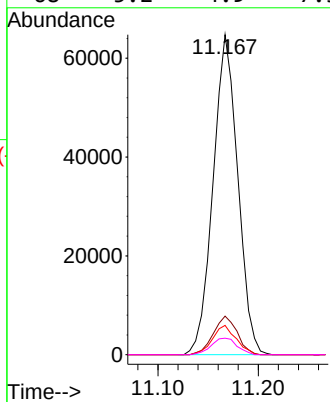
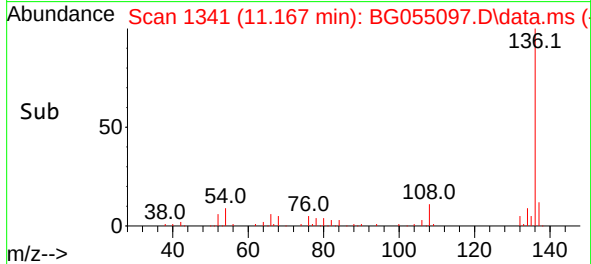


Tgt Ion:136 Resp: 110608
Ion Ratio Lower Upper
136 100
137 12.0 8.7 13.1
54 9.2 8.2 12.4
68 5.2 4.9 7.3

Manual Integrations

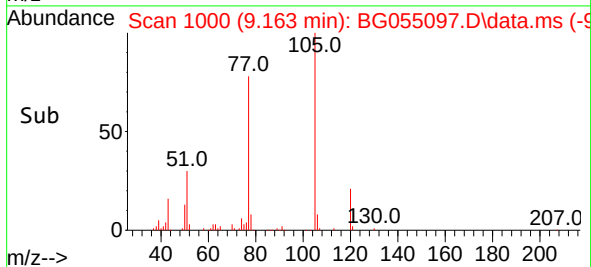
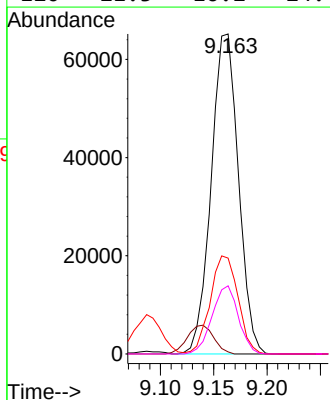
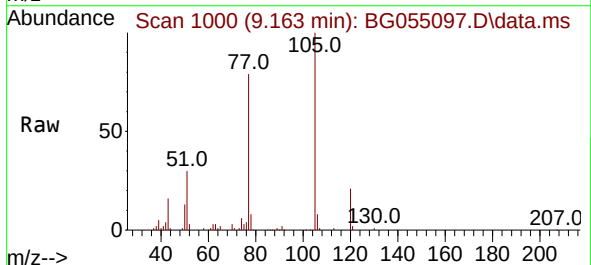
APPROVED

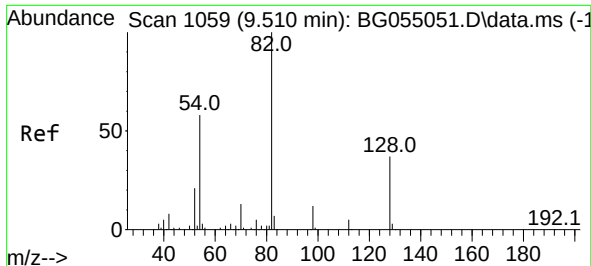
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#22
Acetophenone
Concen: 41.322 ng
RT: 9.163 min Scan# 1000
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

Tgt Ion:105 Resp: 115906
Ion Ratio Lower Upper
105 100
71 0.6 1.4 2.2#
51 30.0 26.3 39.5
120 21.3 16.2 24.4





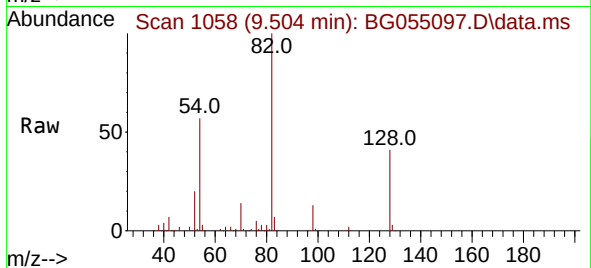
#23
Nitrobenzene-d5
Concen: 87.771 ng
RT: 9.504 min Scan# 1058
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

Instrument :

BNA_G

ClientSampleId :

PB148146BSD

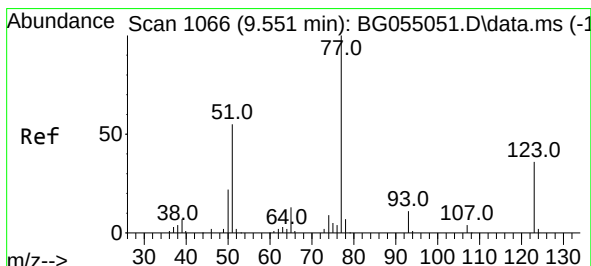
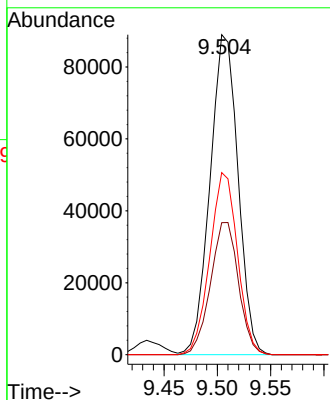
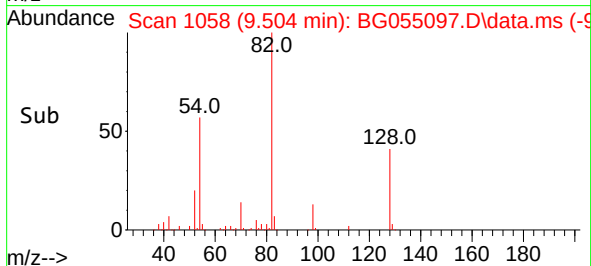


Tgt Ion: 82 Resp: 162469
Ion Ratio Lower Upper
82 100
128 41.3 29.5 44.3
54 56.9 46.7 70.1

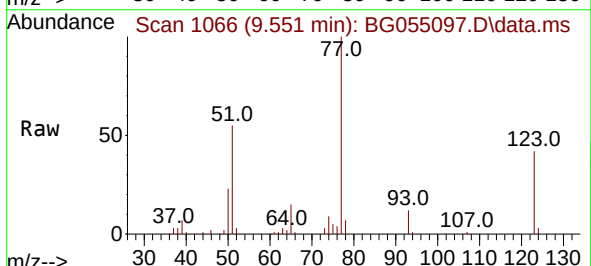
Manual Integrations

APPROVED

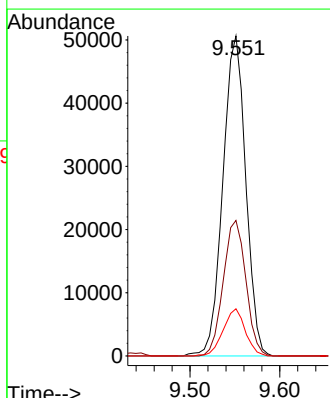
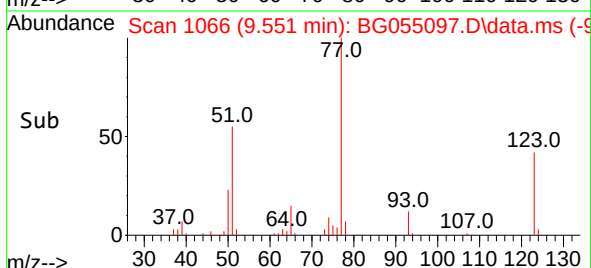
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

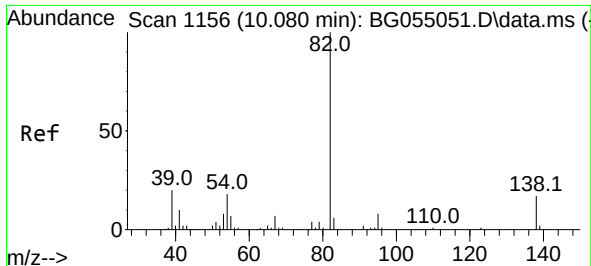


#24
Nitrobenzene
Concen: 44.536 ng
RT: 9.551 min Scan# 1066
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12



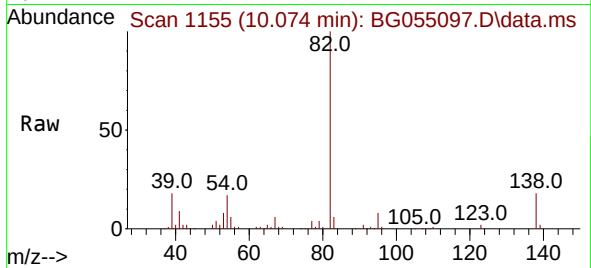
Tgt Ion: 77 Resp: 89513
Ion Ratio Lower Upper
77 100
123 42.4 28.6 42.8
65 14.7 10.5 15.7





#25
Isophorone
Concen: 43.549 ng
RT: 10.074 min Scan# 1155
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

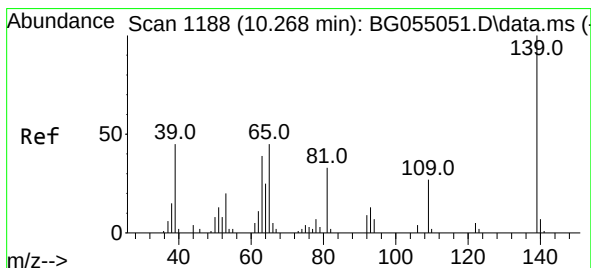
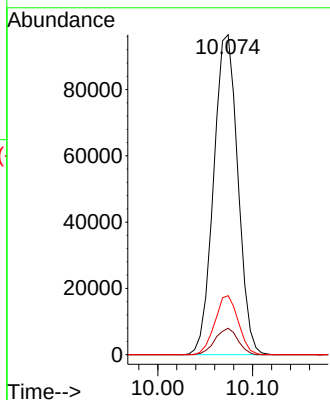
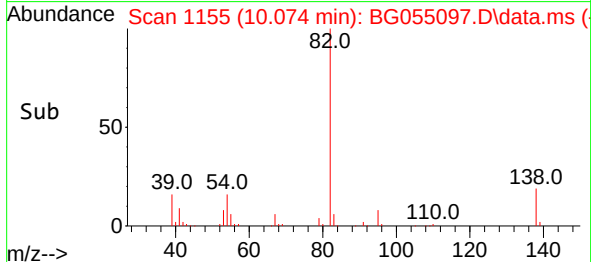
Instrument :
BNA_G
ClientSampleId :
PB148146BSD



Tgt Ion: 82 Resp: 171328
Ion Ratio Lower Upper
82 100
95 8.3 6.2 9.4
138 18.5 13.4 20.0

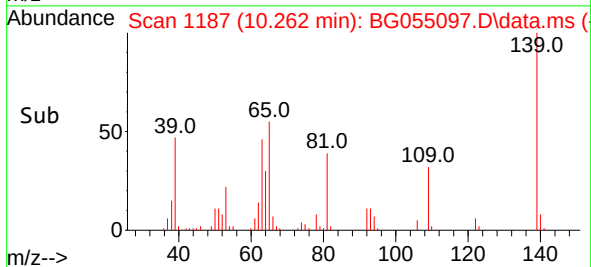
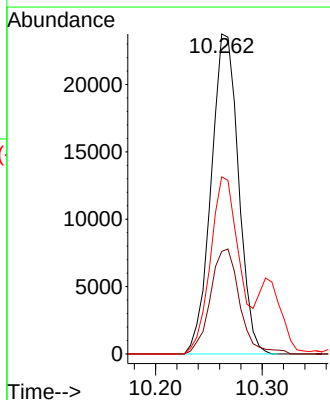
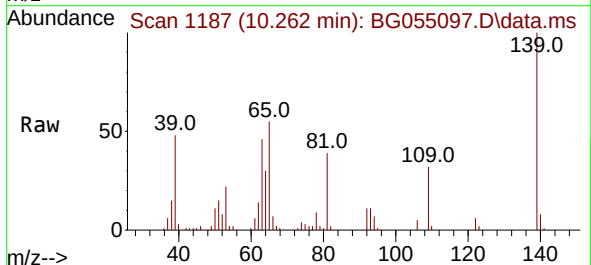
Manual Integrations
APPROVED

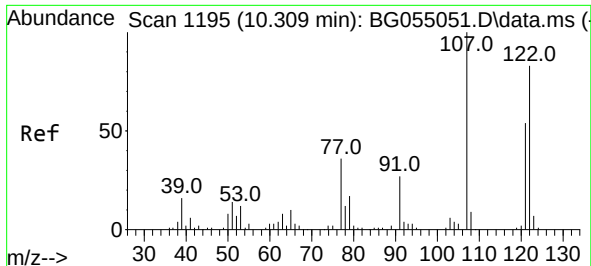
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#26
2-Nitrophenol
Concen: 72.126 ng
RT: 10.262 min Scan# 1187
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

Tgt Ion:139 Resp: 42327
Ion Ratio Lower Upper
139 100
109 32.1 21.7 32.5
65 55.4 36.4 54.6#





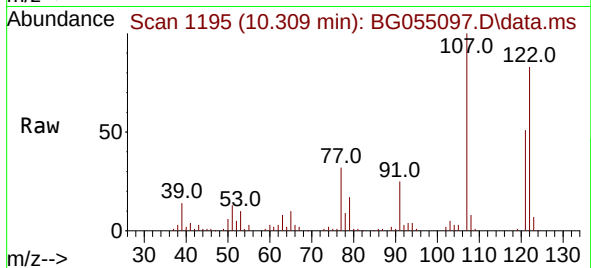
#27
2,4-Dimethylphenol
Concen: 59.239 ng
RT: 10.309 min Scan# 1195
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

Instrument :

BNA_G

ClientSampleId :

PB148146BSD

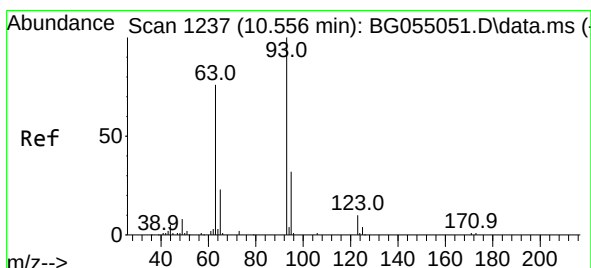
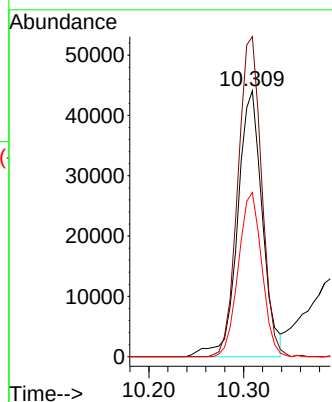
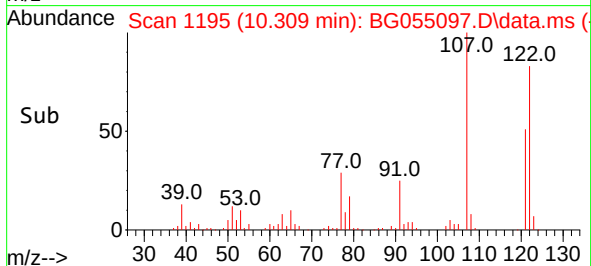


Tgt Ion:122 Resp: 7989
Ion Ratio Lower Upper
122 100
107 120.3 96.0 144.0
121 61.7 51.7 77.5

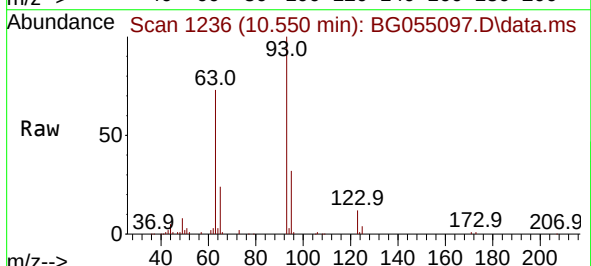
Manual Integrations

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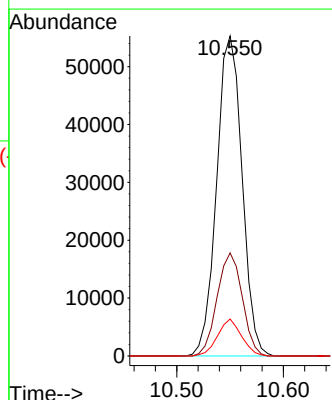
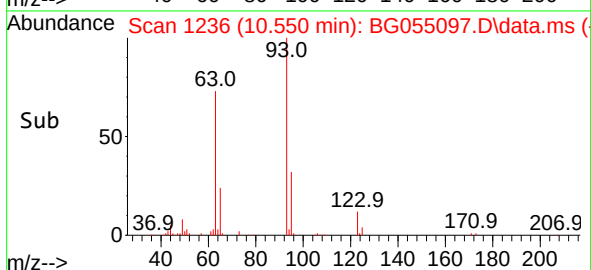
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

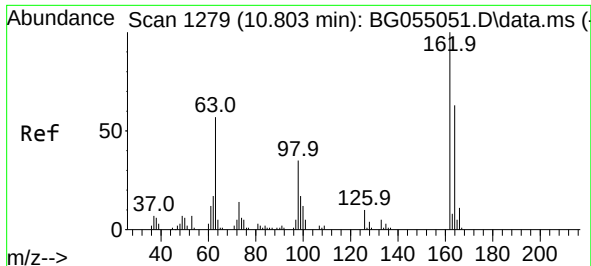


#28
bis(2-Chloroethoxy)methane
Concen: 45.392 ng
RT: 10.550 min Scan# 1236
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12



Tgt Ion: 93 Resp: 91378
Ion Ratio Lower Upper
93 100
95 32.2 25.6 38.4
123 11.5 7.7 11.5#





#29

2,4-Dichlorophenol

Concen: 50.324 ng

RT: 10.797 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG055097.D

Acq: 7 Oct 2022 13:12

Instrument :

BNA_G

ClientSampleId :

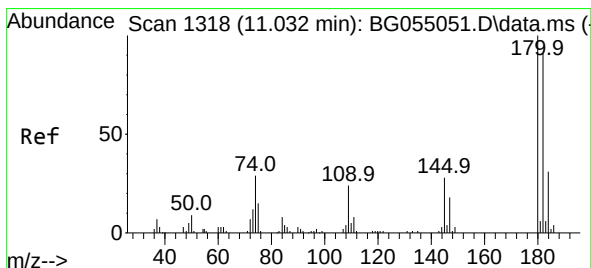
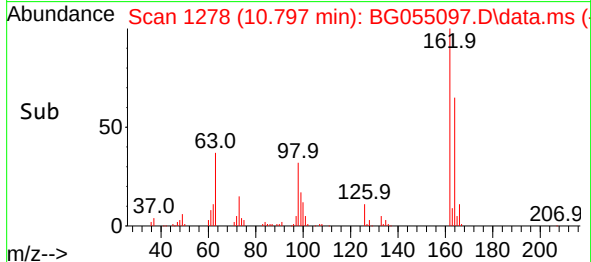
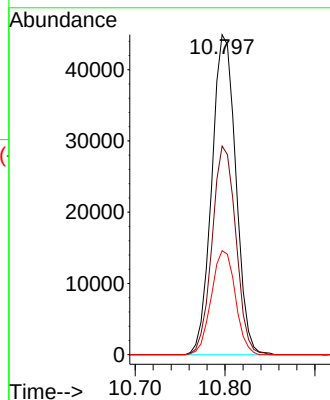
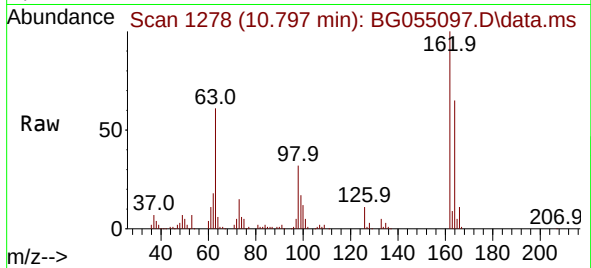
PB148146BSD

Tgt Ion:162 Resp: 8334
 Ion Ratio Lower Upper
 162 100
 164 65.2 42.9 82.9
 98 32.5 14.7 54.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/10/2022
 Supervised By :Jagrut Upadhyay 10/10/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.975 ng

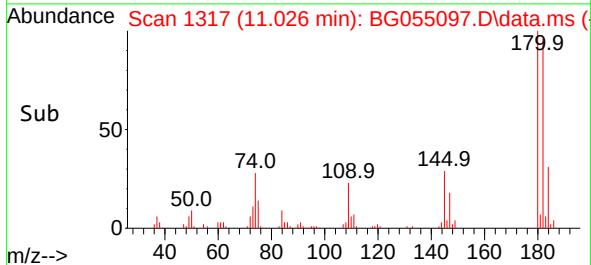
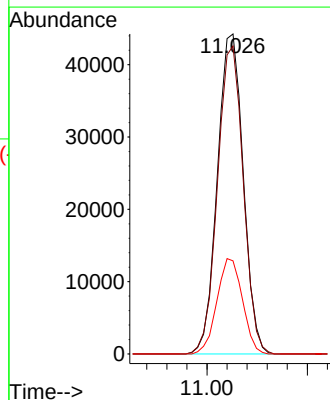
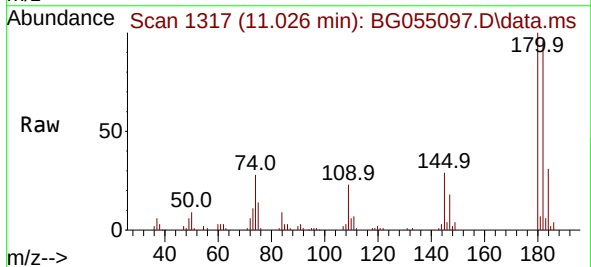
RT: 11.026 min Scan# 1317

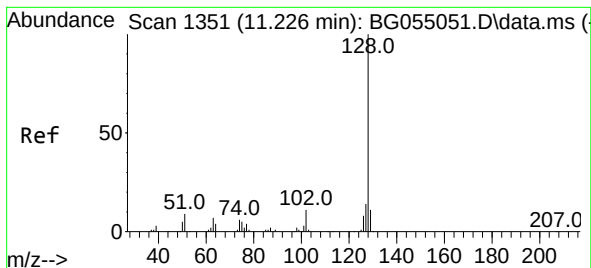
Delta R.T. 0.003 min

Lab File: BG055097.D

Acq: 7 Oct 2022 13:12

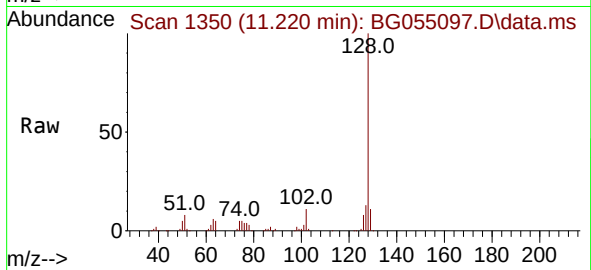
Tgt Ion:180 Resp: 79152
 Ion Ratio Lower Upper
 180 100
 182 96.3 72.6 109.0
 145 29.1 22.5 33.7





#31
Naphthalene
Concen: 39.927 ng
RT: 11.220 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

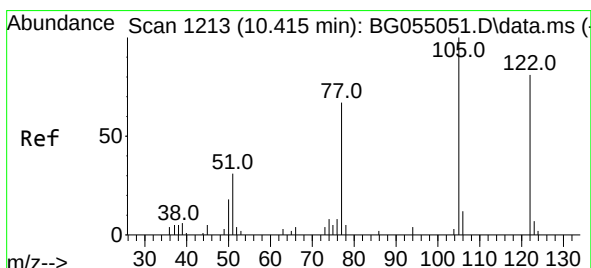
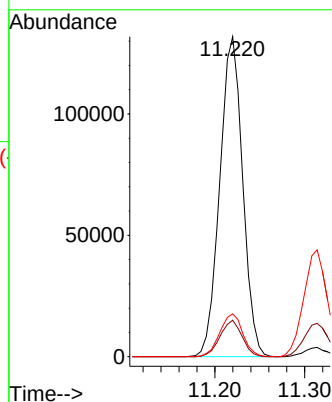
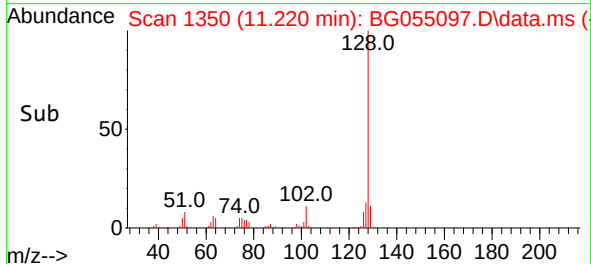
Instrument :
BNA_G
ClientSampleId :
PB148146BSD



Tgt Ion:128 Resp: 23308
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.4 10.9 16.3

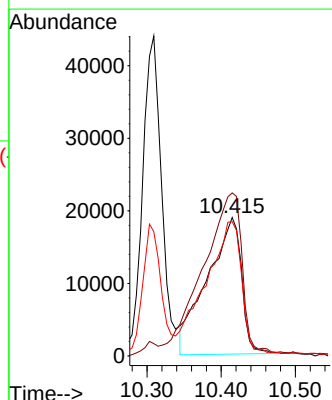
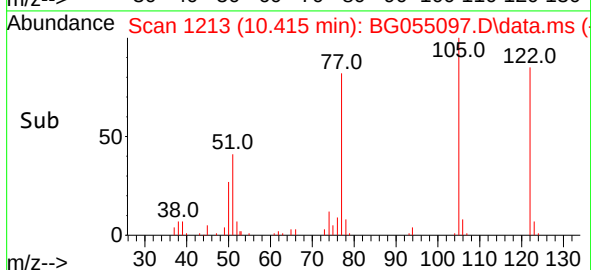
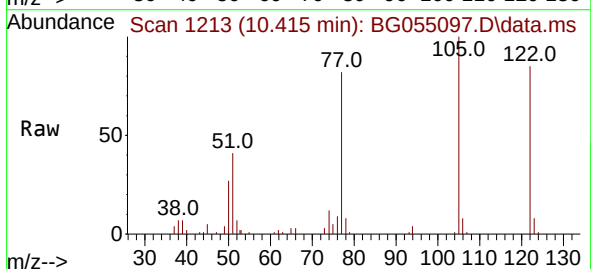
Manual Integrations
APPROVED

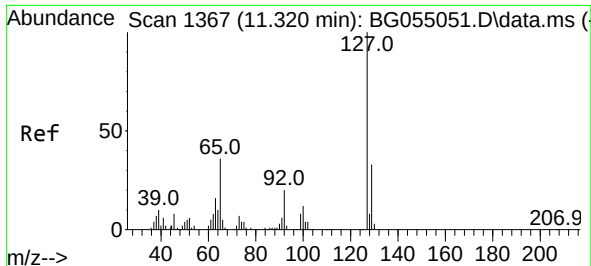
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#32
Benzoic acid
Concen: 63.542 ng
RT: 10.415 min Scan# 1213
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

Tgt Ion:122 Resp: 60530
Ion Ratio Lower Upper
122 100
105 117.7 98.8 138.8
77 96.9 65.2 105.2





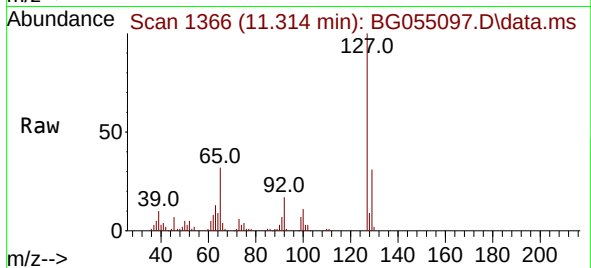
#33
4-Chloroaniline
Concen: 32.792 ng
RT: 11.314 min Scan# 11314
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

Instrument :

BNA_G

ClientSampleId :

PB148146BSD

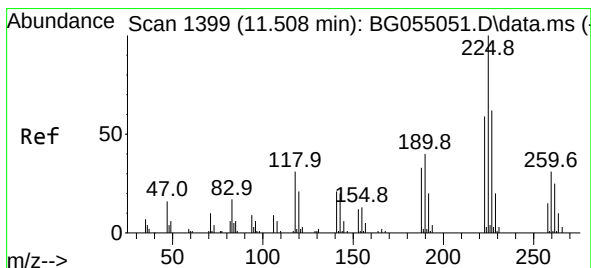
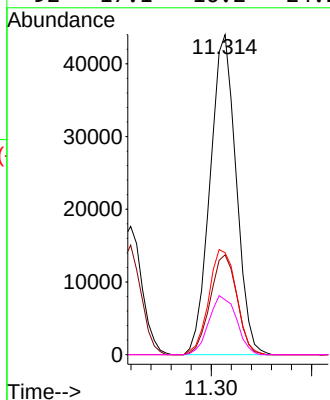
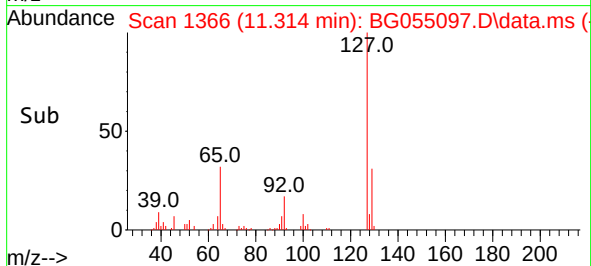


Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.4	39.6
65	31.8	28.6	43.0
92	17.1	16.2	24.2

Manual Integrations

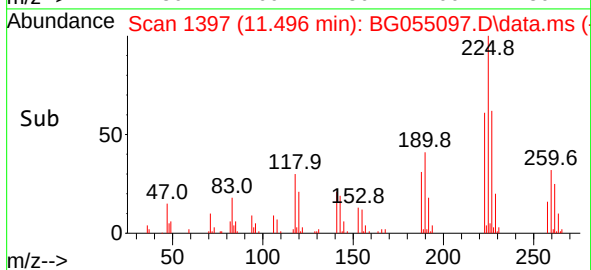
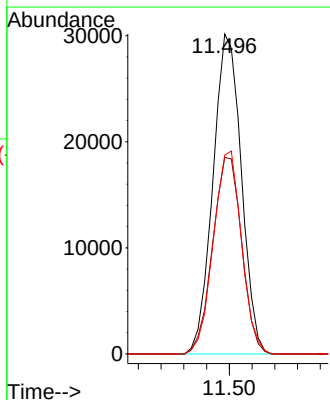
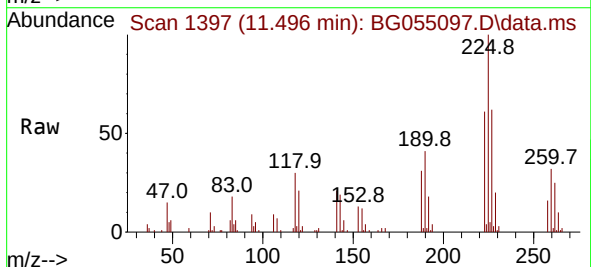
APPROVED

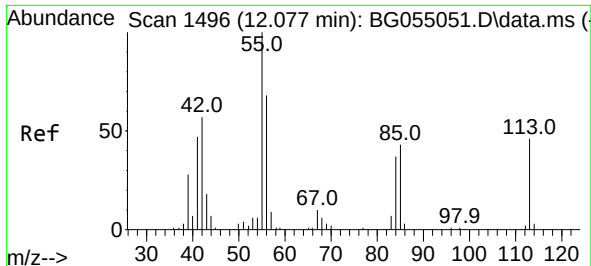
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#34
Hexachlorobutadiene
Concen: 41.719 ng
RT: 11.496 min Scan# 1397
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

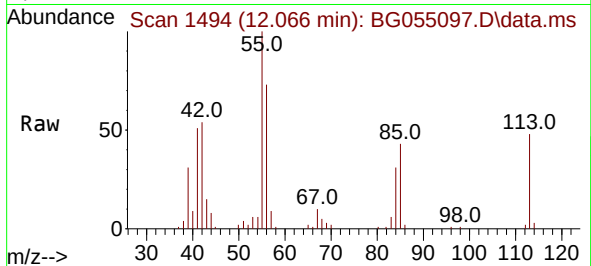
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	47.5	71.3
227	62.1	49.8	74.8





#35
Caprolactam
Concen: 63.441 ng m
RT: 12.066 min Scan# 1496
Delta R.T. -0.009 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

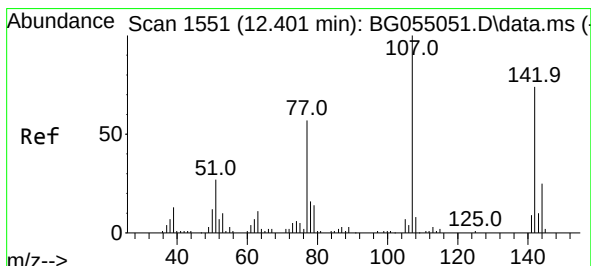
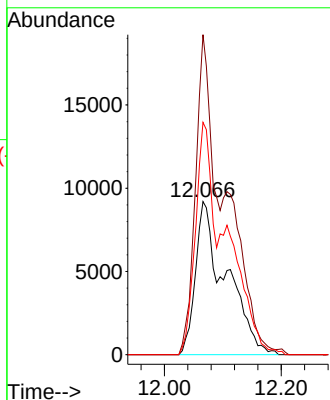
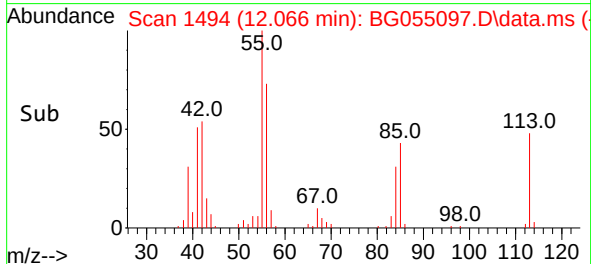
Instrument :
BNA_G
ClientSampleId :
PB148146BSD



Tgt Ion:113 Resp: 33284
Ion Ratio Lower Upper
113 100
55 208.9 199.4 239.4
56 151.6 130.0 170.0

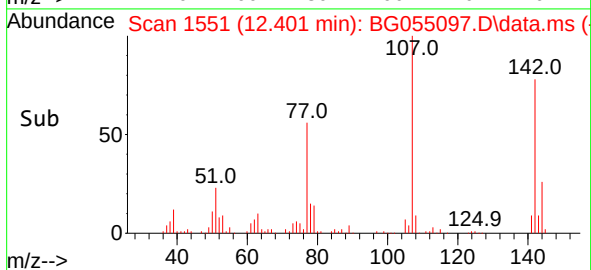
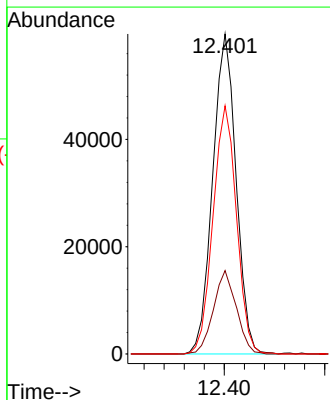
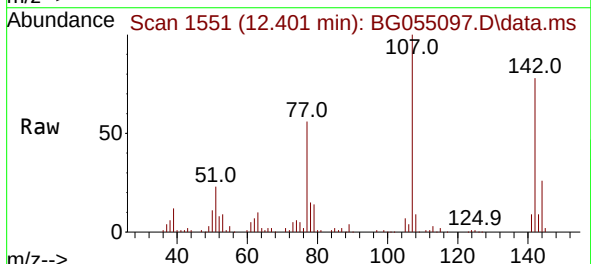
Manual Integrations
APPROVED

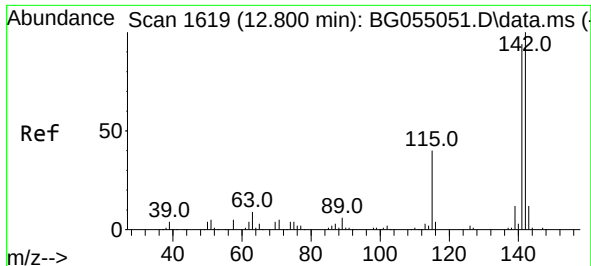
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#36
4-Chloro-3-methylphenol
Concen: 51.071 ng
RT: 12.401 min Scan# 1551
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

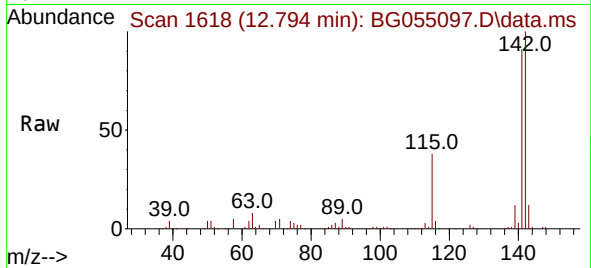
Tgt Ion:107 Resp: 96567
Ion Ratio Lower Upper
107 100
144 26.1 19.7 29.5
142 77.6 59.3 88.9





#37
2-Methylnaphthalene
Concen: 40.765 ng
RT: 12.794 min Scan# 1618
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

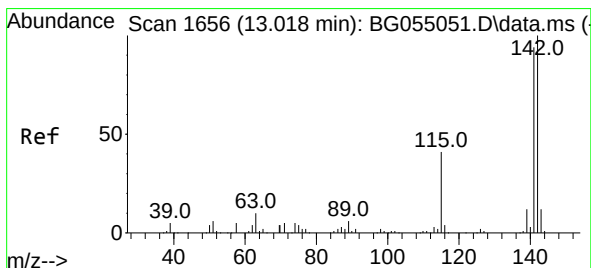
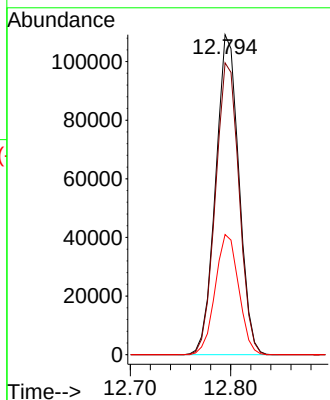
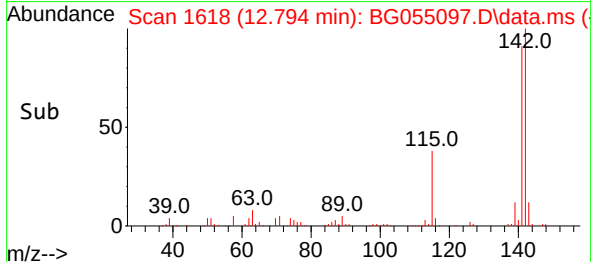
Instrument :
BNA_G
ClientSampleId :
PB148146BSD



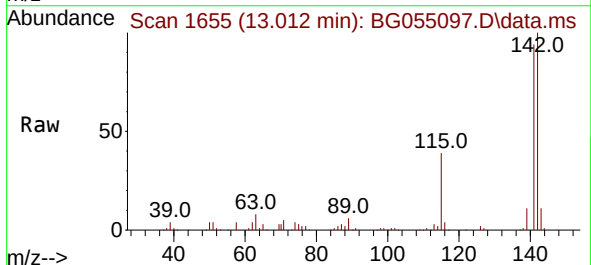
Tgt Ion:142 Resp: 175374
Ion Ratio Lower Upper
142 100
141 91.2 75.0 112.4
115 37.5 31.7 47.5

Manual Integrations
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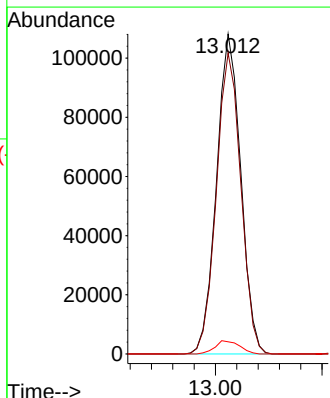
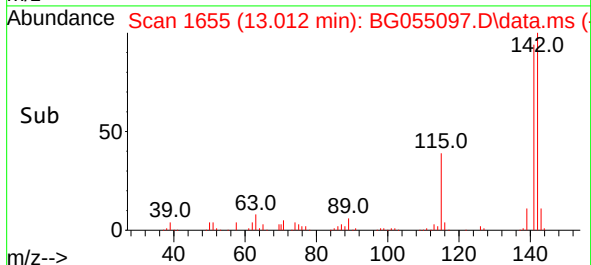
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

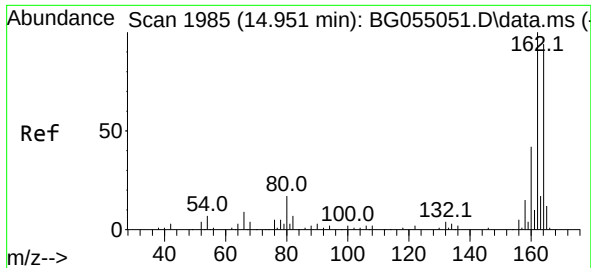


#38
1-Methylnaphthalene
Concen: 40.747 ng
RT: 13.012 min Scan# 1655
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12



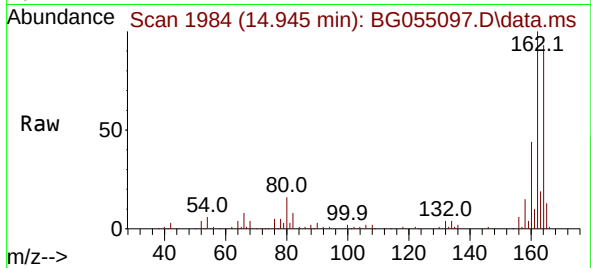
Tgt Ion:142 Resp: 170508
Ion Ratio Lower Upper
142 100
141 94.0 75.5 113.3
116 3.8 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.945 min Scan# 1984
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

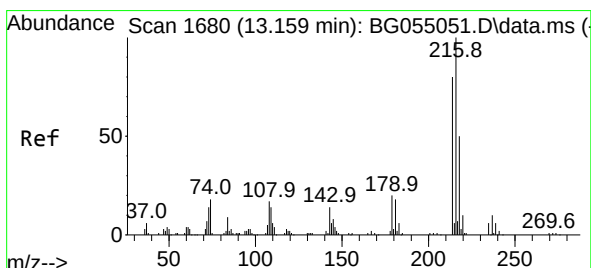
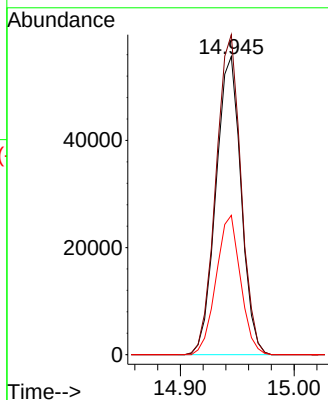
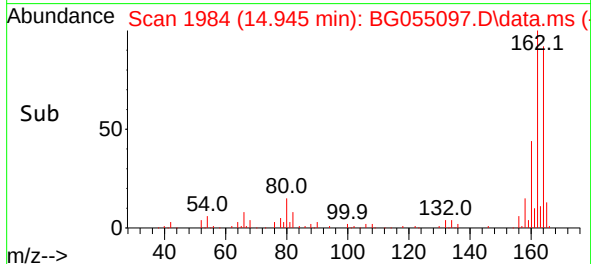
Instrument :
BNA_G
ClientSampleId :
PB148146BSD



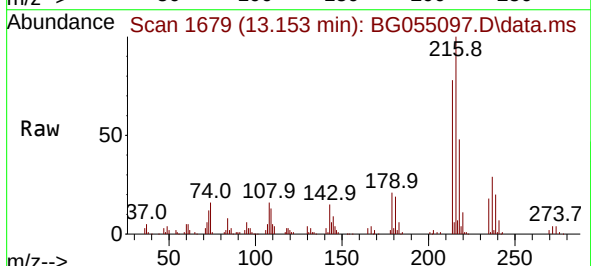
Tgt Ion:164 Resp: 8556
Ion Ratio Lower Upper
164 100
162 107.3 85.5 128.3
160 46.7 35.5 53.3

Manual Integrations
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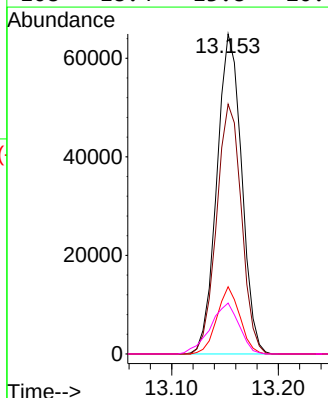
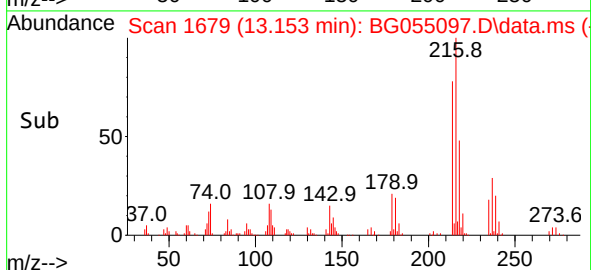
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

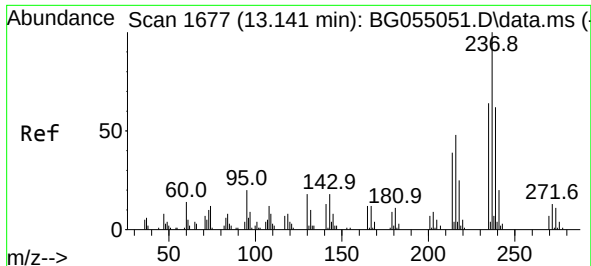


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.977 ng
RT: 13.153 min Scan# 1679
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12



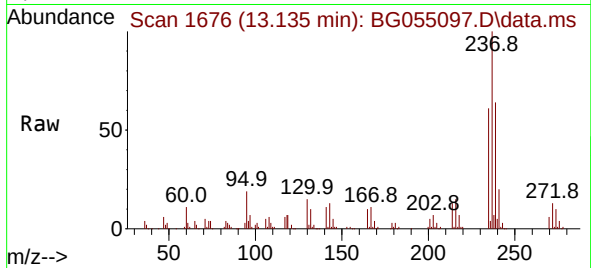
Tgt Ion:216 Resp: 104875
Ion Ratio Lower Upper
216 100
214 78.3 63.4 95.2
179 19.4 15.9 23.9
108 18.4 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 125.974 ng
RT: 13.135 min Scan# 1676
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

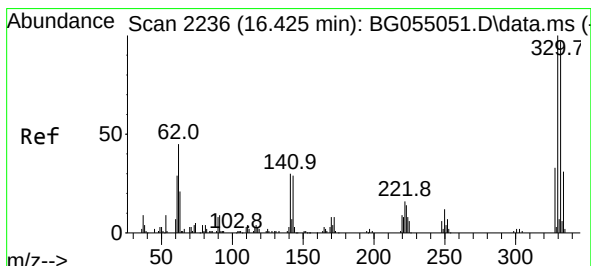
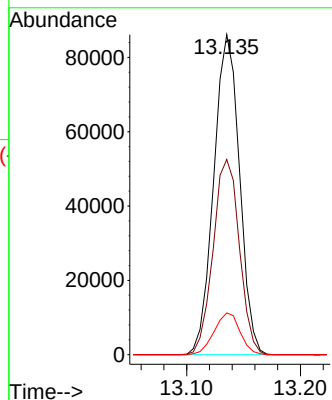
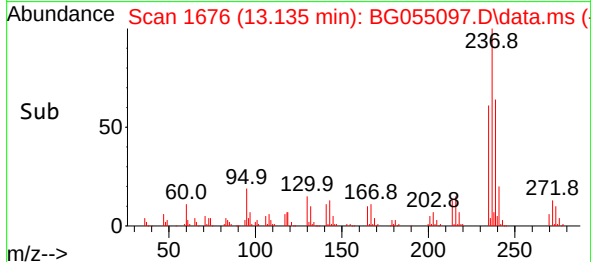
Instrument :
BNA_G
ClientSampleId :
PB148146BSD



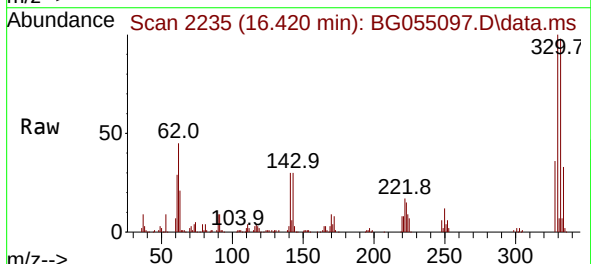
Tgt Ion:237 Resp: 135529
Ion Ratio Lower Upper
237 100
235 61.0 43.8 83.8
272 13.0 0.0 32.7

Manual Integrations
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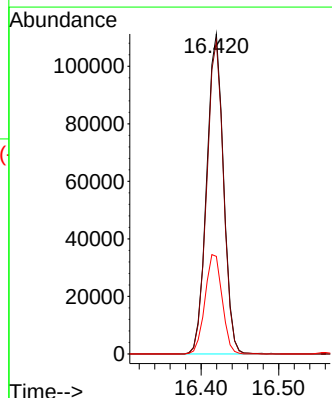
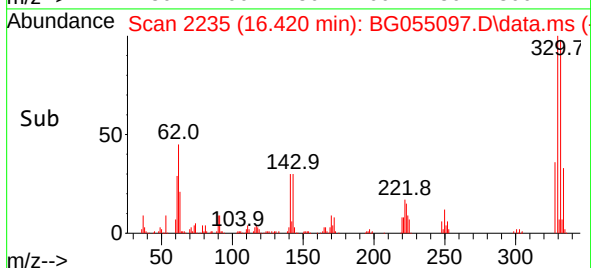
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

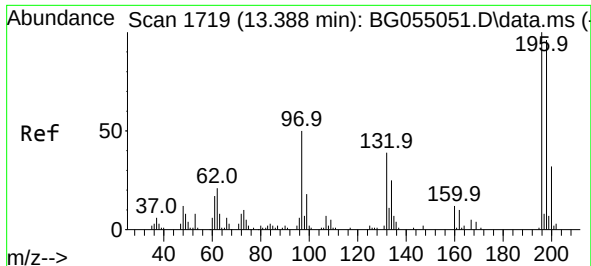


#42
2,4,6-Tribromophenol
Concen: 185.679 ng
RT: 16.420 min Scan# 2235
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12



Tgt Ion:330 Resp: 167625
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.0
141 31.6 25.0 37.4





#43

2,4,6-Trichlorophenol

Concen: 51.353 ng

RT: 13.382 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG055097.D

Acq: 7 Oct 2022 13:12

Instrument :

BNA_G

ClientSampleId :

PB148146BSD

Tgt Ion:196 Resp: 78590

Ion Ratio Lower Upper

196 100

198 92.3 76.5 114.7

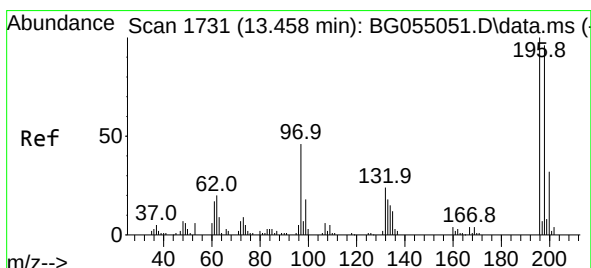
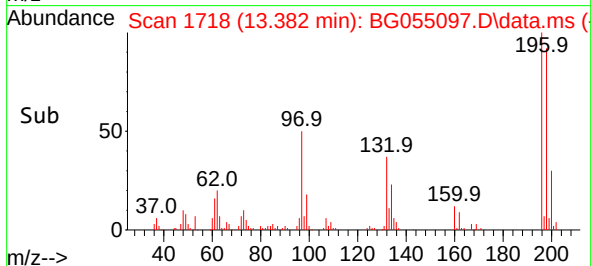
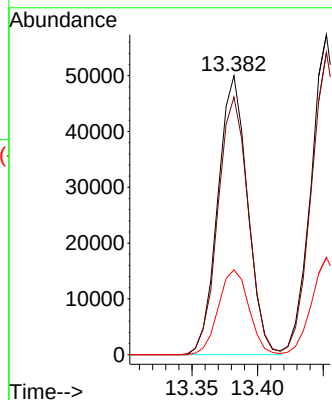
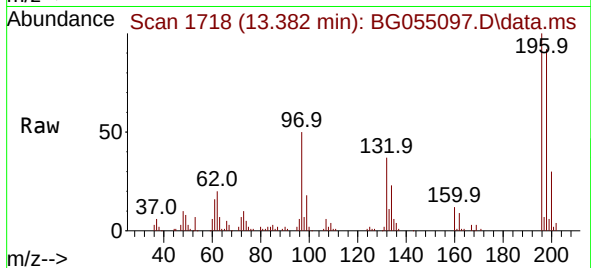
200 30.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/10/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#44

2,4,5-Trichlorophenol

Concen: 51.359 ng

RT: 13.452 min Scan# 1730

Delta R.T. 0.003 min

Lab File: BG055097.D

Acq: 7 Oct 2022 13:12

Tgt Ion:196 Resp: 88728

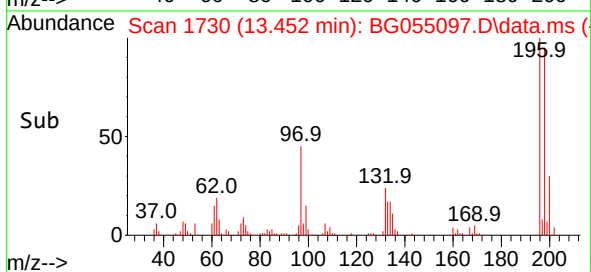
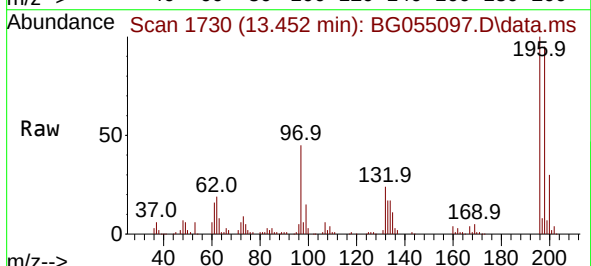
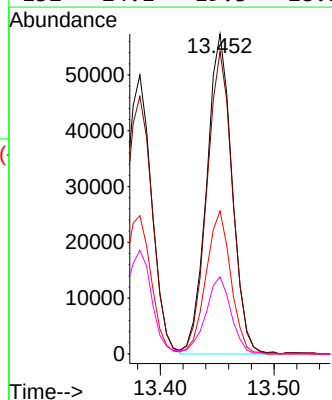
Ion Ratio Lower Upper

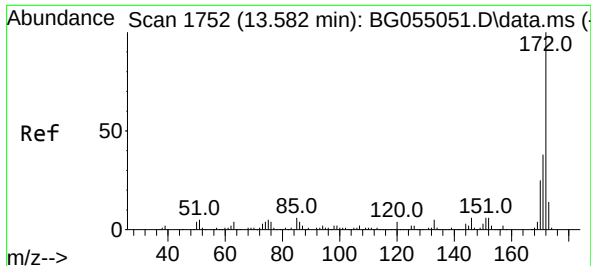
196 100

198 94.5 76.8 115.2

97 44.7 37.1 55.7

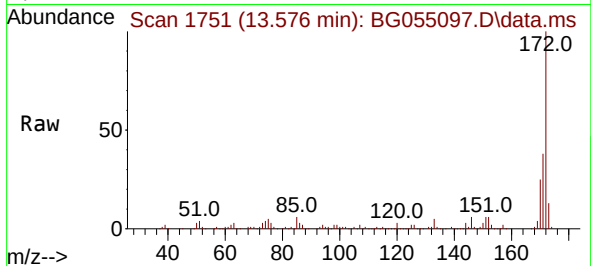
132 24.1 19.3 28.9





#45
2-Fluorobiphenyl
Concen: 77.765 ng
RT: 13.576 min Scan# 1751
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

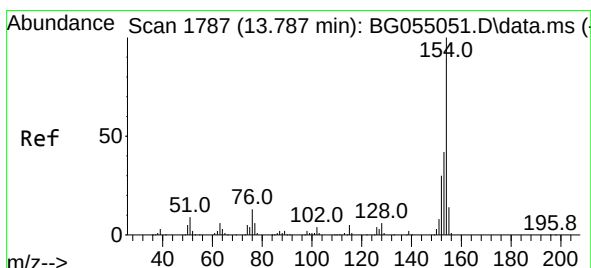
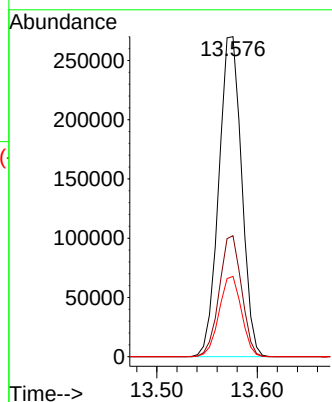
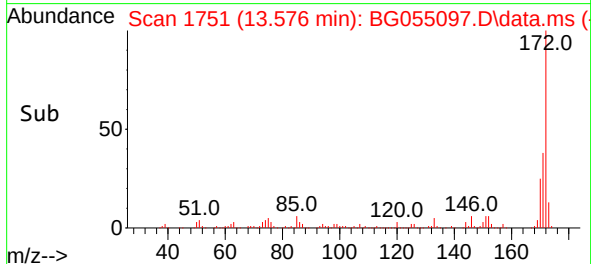
Instrument :
BNA_G
ClientSampleId :
PB148146BSD



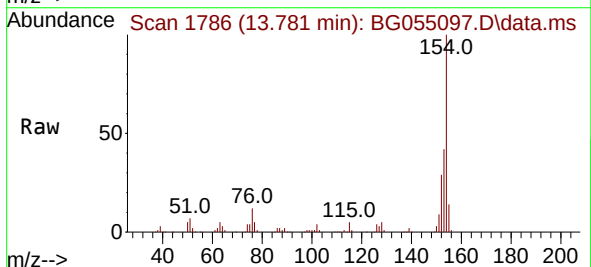
Tgt Ion:172 Resp: 426244
Ion Ratio Lower Upper
172 100
171 37.8 30.1 45.1
170 25.1 20.0 30.0

Manual Integrations
APPROVED

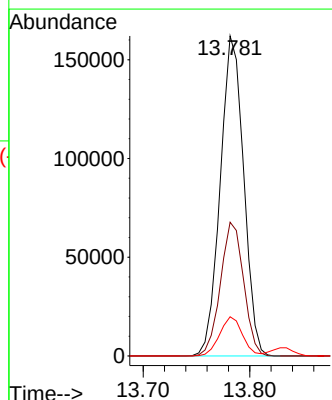
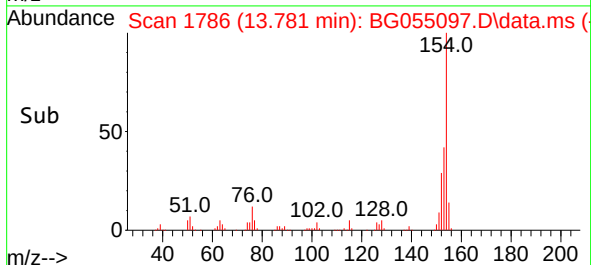
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

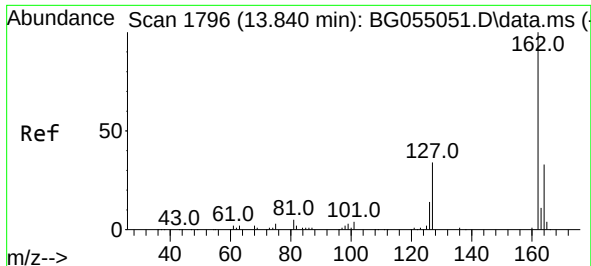


#46
1,1'-Biphenyl
Concen: 42.096 ng
RT: 13.781 min Scan# 1786
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12



Tgt Ion:154 Resp: 246973
Ion Ratio Lower Upper
154 100
153 41.8 22.0 62.0
76 12.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 40.646 ng

RT: 13.828 min Scan# 1794

Delta R.T. -0.003 min

Lab File: BG055097.D

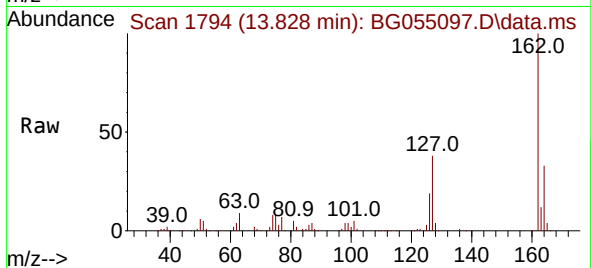
Acq: 7 Oct 2022 13:12

Instrument :

BNA_G

ClientSampleId :

PB148146BSD

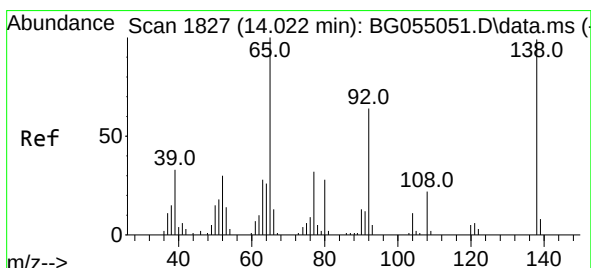
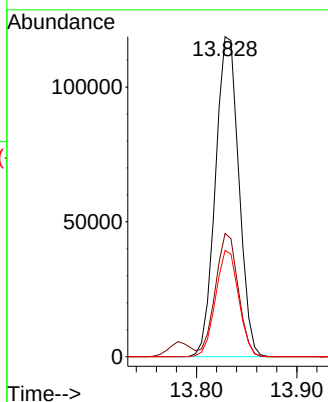
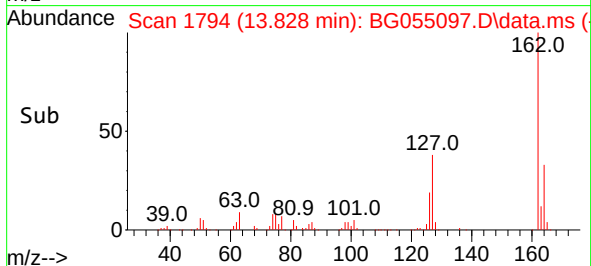


Tgt Ion:	162	Resp:	192154
Ion Ratio	Lower	Upper	
162	100		
127	38.5	30.7	46.1
164	33.2	26.3	39.5

Manual Integrations

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Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#48

2-Nitroaniline

Concen: 52.726 ng

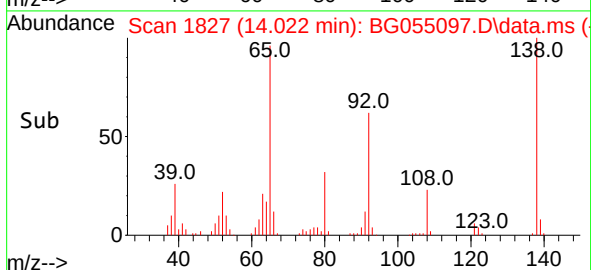
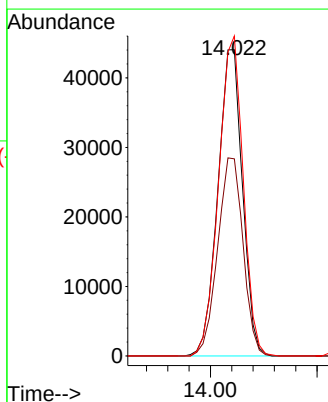
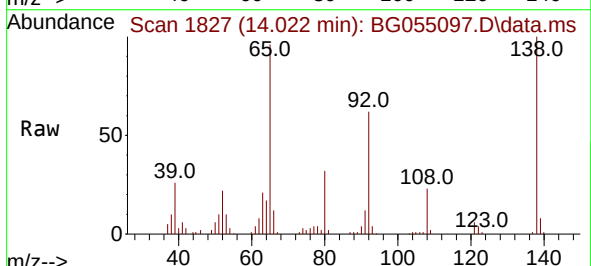
RT: 14.022 min Scan# 1827

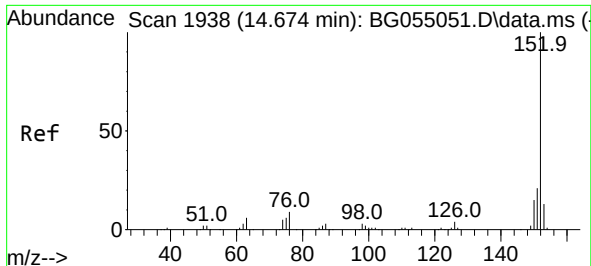
Delta R.T. 0.003 min

Lab File: BG055097.D

Acq: 7 Oct 2022 13:12

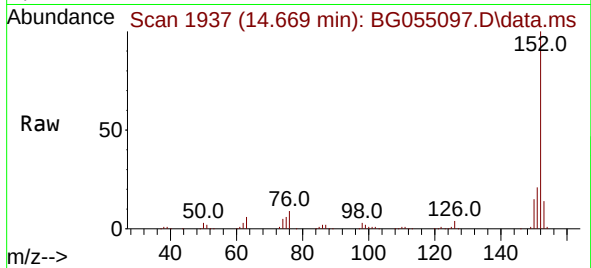
Tgt Ion:	65	Resp:	70721
Ion Ratio	Lower	Upper	
65	100		
92	64.4	50.9	76.3
138	104.5	79.5	119.3





#49
Acenaphthylene
Concen: 41.835 ng
RT: 14.669 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

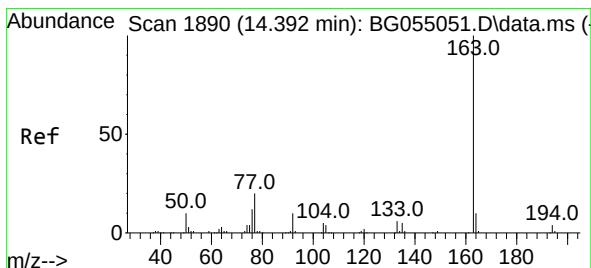
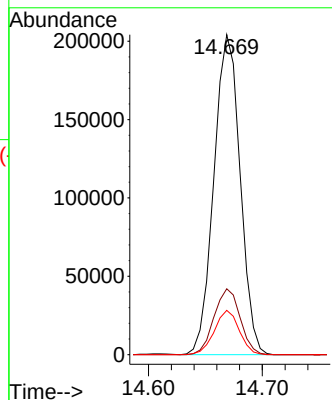
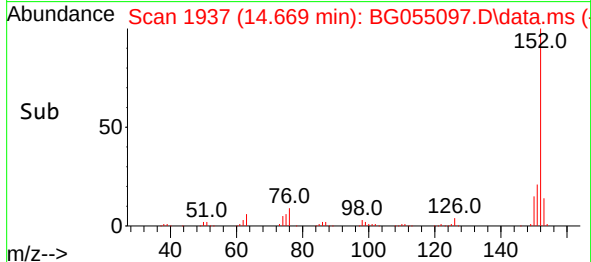
Instrument :
BNA_G
ClientSampleId :
PB148146BSD



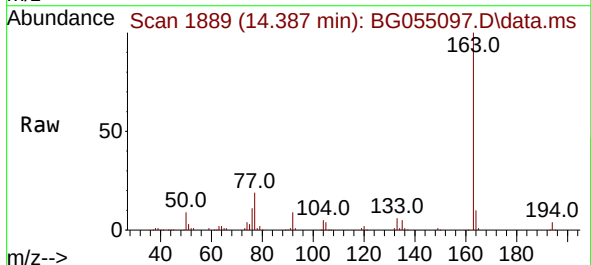
Tgt Ion:152 Resp: 327500
Ion Ratio Lower Upper
152 100
151 20.6 16.6 24.8
153 13.9 10.7 16.1

Manual Integrations
APPROVED

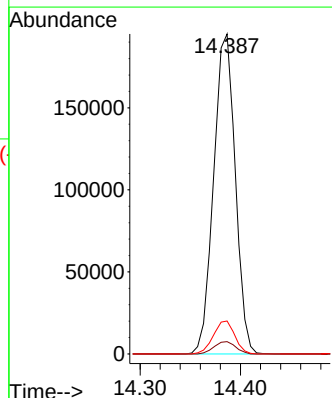
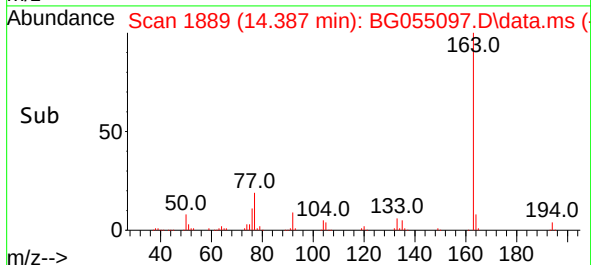
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

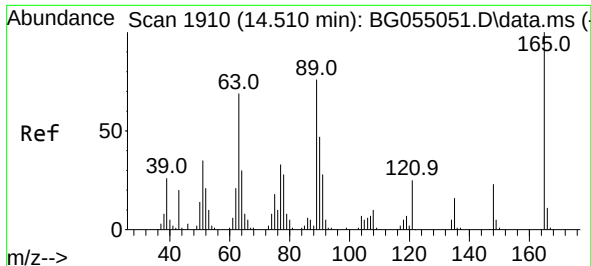


#50
Dimethylphthalate
Concen: 50.144 ng
RT: 14.387 min Scan# 1889
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12



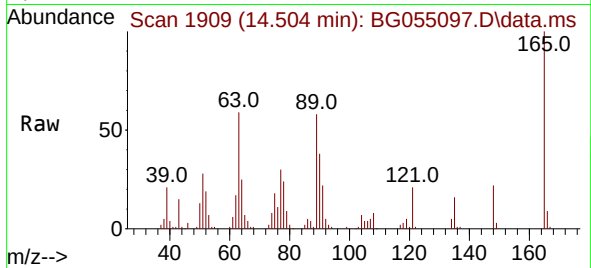
Tgt Ion:163 Resp: 291220
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 10.3 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 51.896 ng
RT: 14.504 min Scan# 1909
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

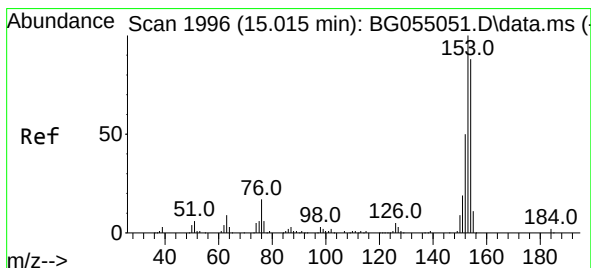
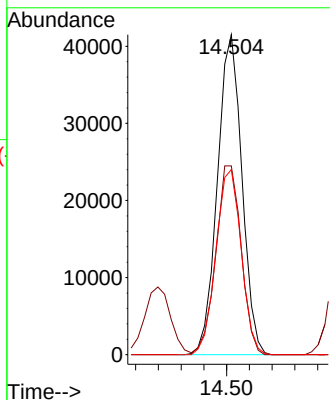
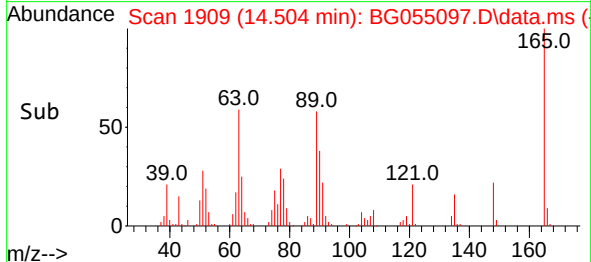
Instrument :
BNA_G
ClientSampleId :
PB148146BSD



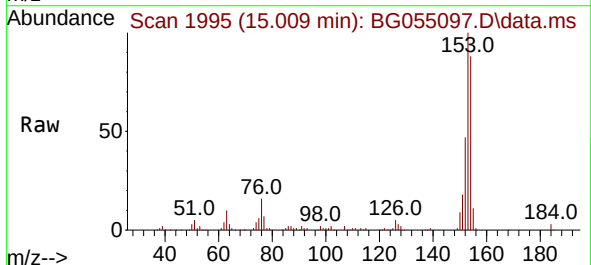
Tgt Ion:165 Resp: 62104
Ion Ratio Lower Upper
165 100
63 59.0 56.2 84.4
89 57.8 60.4 90.6

Manual Integrations
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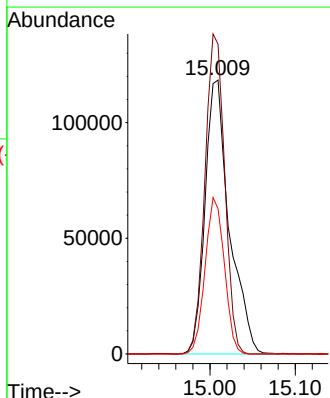
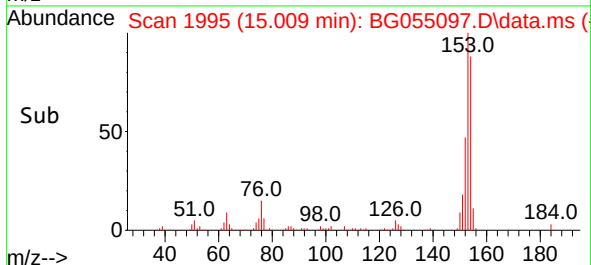
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

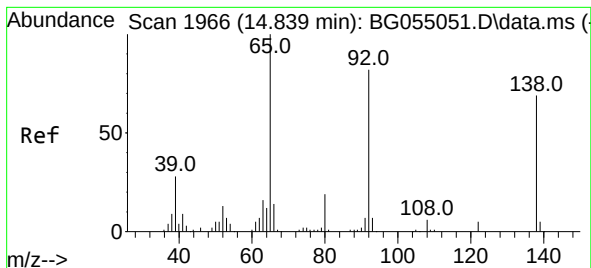


#52
Acenaphthene
Concen: 48.375 ng
RT: 15.009 min Scan# 1995
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12



Tgt Ion:154 Resp: 235141
Ion Ratio Lower Upper
154 100
153 113.1 91.4 137.0
152 53.1 45.3 67.9





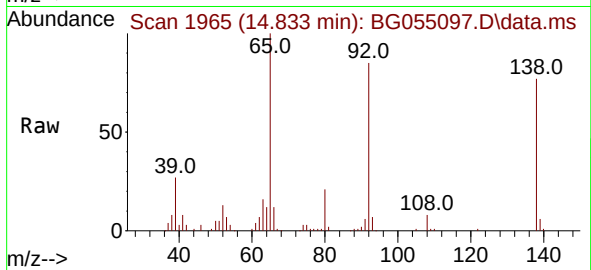
#53
3-Nitroaniline
Concen: 40.057 ng
RT: 14.833 min Scan# 1966
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

Instrument :

BNA_G

ClientSampleId :

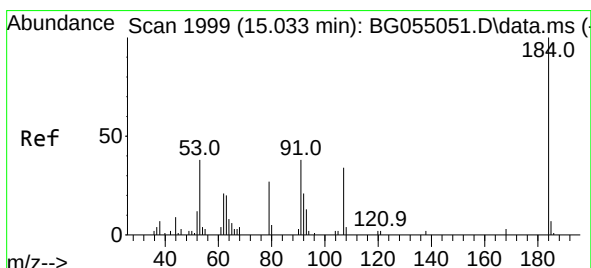
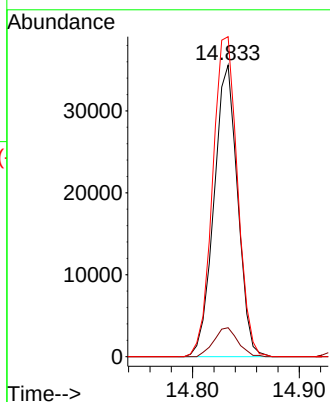
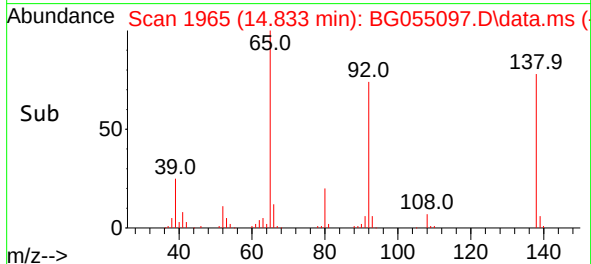
PB148146BSD



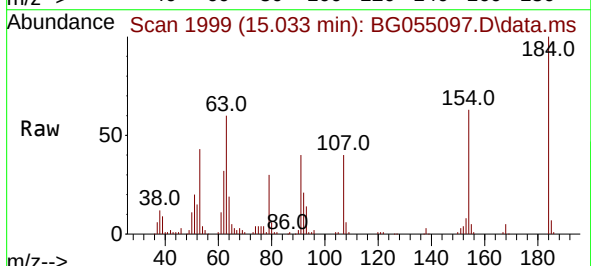
Tgt Ion:138 Resp: 54730
Ion Ratio Lower Upper
138 100
108 9.9 6.9 10.3
92 109.8 94.2 141.4

Manual Integrations
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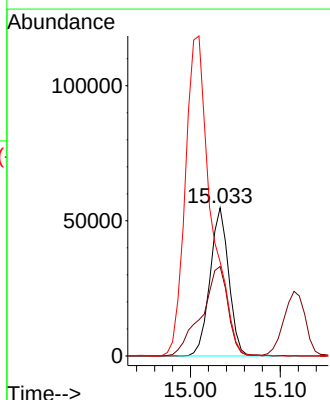
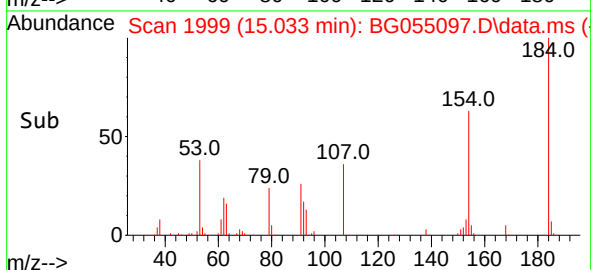
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

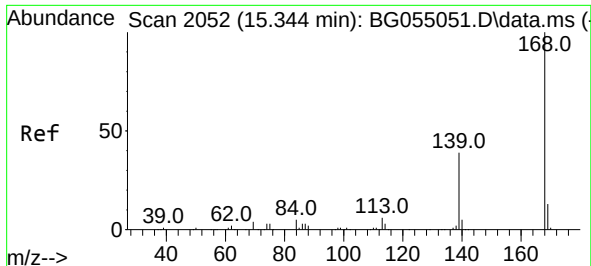


#54
2,4-Dinitrophenol
Concen: 146.761 ng
RT: 15.033 min Scan# 1999
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12



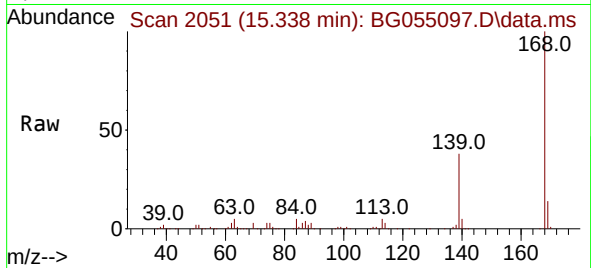
Tgt Ion:184 Resp: 79225
Ion Ratio Lower Upper
184 100
63 60.4 48.6 73.0
154 63.5 128.5 192.7#





#55
Dibenzenofuran
Concen: 42.433 ng
RT: 15.338 min Scan# 2051
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

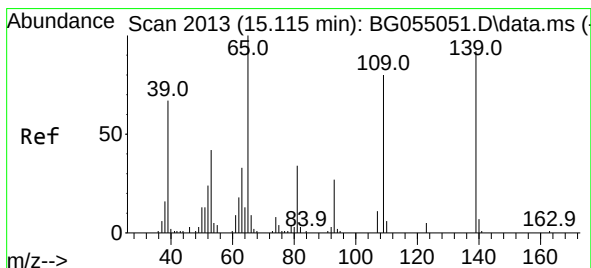
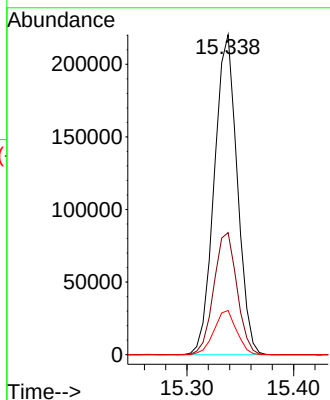
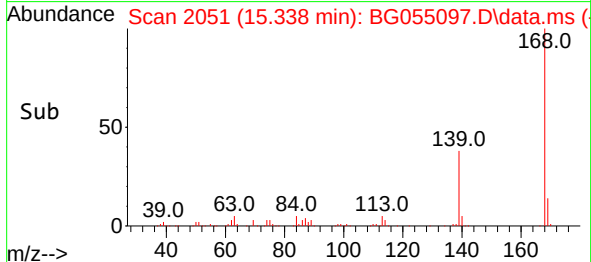
Instrument :
BNA_G
ClientSampleId :
PB148146BSD



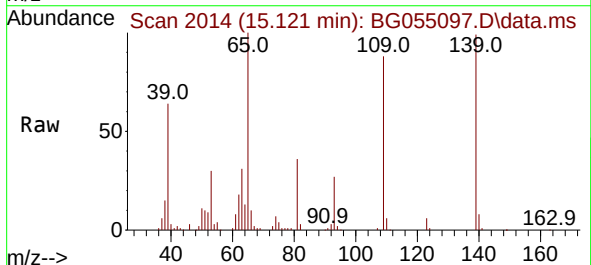
Tgt Ion:168 Resp: 329075
Ion Ratio Lower Upper
168 100
139 38.1 31.0 46.4
169 13.8 10.6 16.0

Manual Integrations
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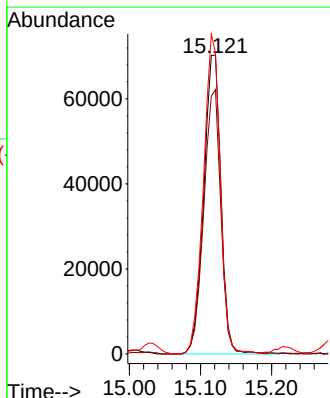
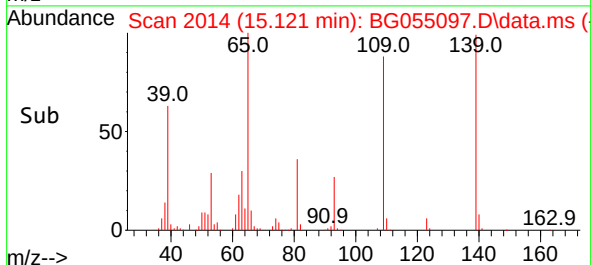
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

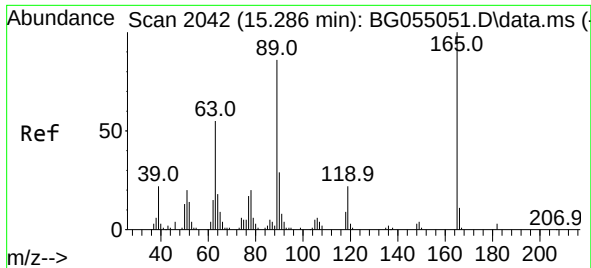


#56
4-Nitrophenol
Concen: 109.535 ng
RT: 15.121 min Scan# 2014
Delta R.T. 0.009 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12



Tgt Ion:139 Resp: 118738
Ion Ratio Lower Upper
139 100
109 88.5 66.6 106.6
65 100.8 88.5 128.5





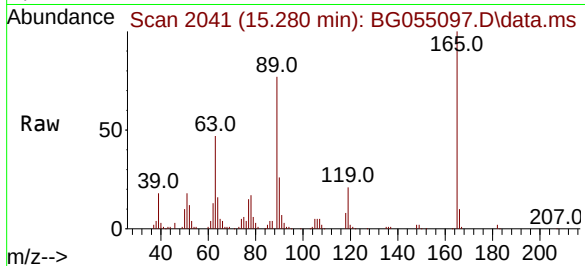
#57
2,4-Dinitrotoluene
Concen: 54.855 ng
RT: 15.280 min Scan# 2042
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

Instrument :

BNA_G

ClientSampleId :

PB148146BSD

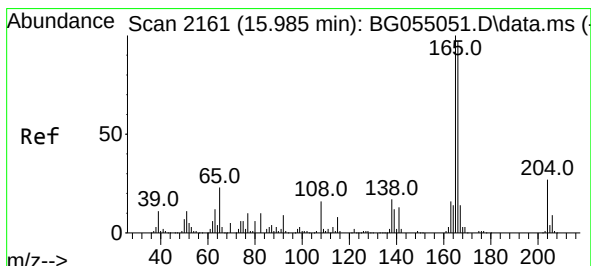
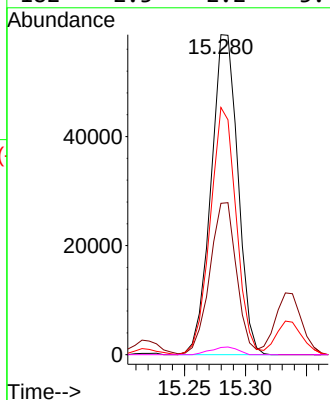
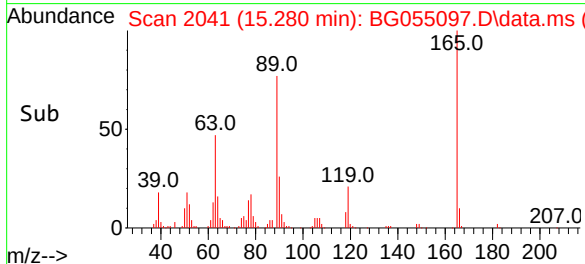


Tgt Ion:165 Resp: 8999
Ion Ratio Lower Upper
165 100
63 47.3 44.2 66.2
89 77.3 69.0 103.6
182 2.3 2.2 3.4

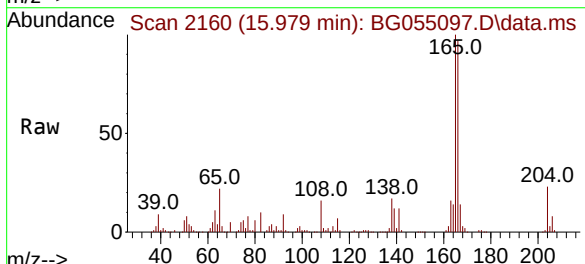
Manual Integrations

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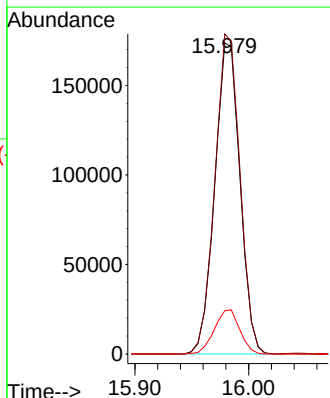
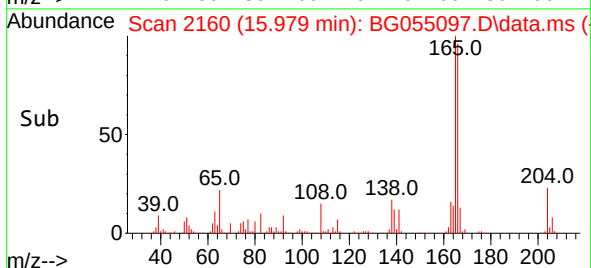
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

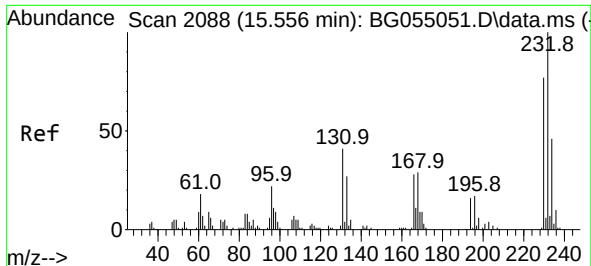


#58
Fluorene
Concen: 43.057 ng
RT: 15.979 min Scan# 2160
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12



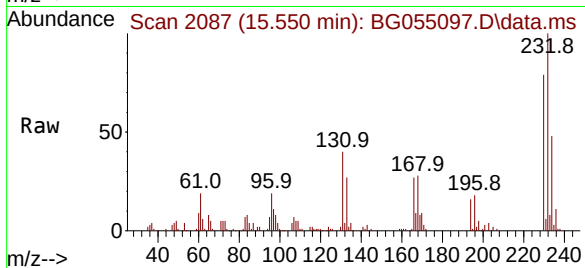
Tgt Ion:166 Resp: 267212
Ion Ratio Lower Upper
166 100
165 102.8 82.6 123.8
167 13.9 11.8 17.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.011 ng
RT: 15.550 min Scan# 2088
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

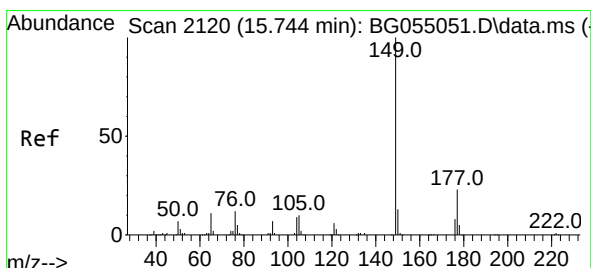
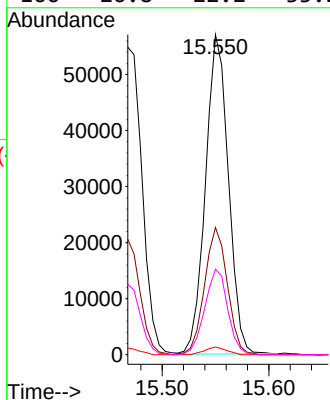
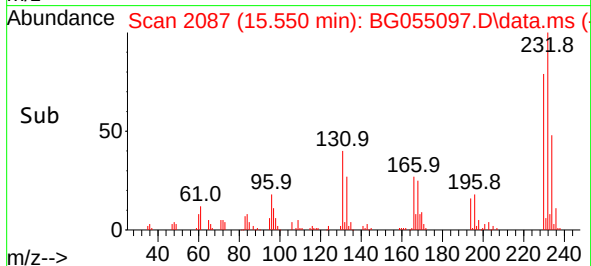
Instrument :
BNA_G
ClientSampleId :
PB148146BSD



Tgt Ion:232 Resp: 8484
Ion Ratio Lower Upper
232 100
131 39.8 32.7 49.1
130 2.3 1.8 2.6
166 26.8 22.2 33.2

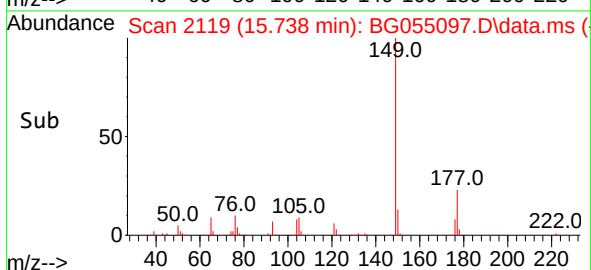
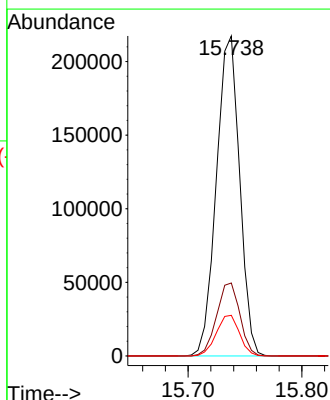
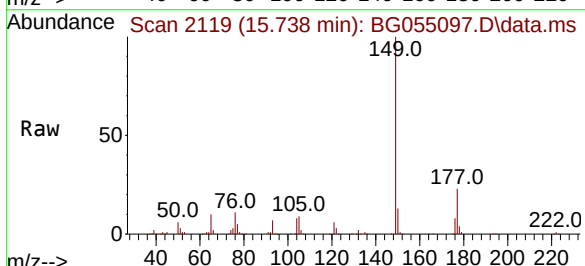
Manual Integrations
APPROVED

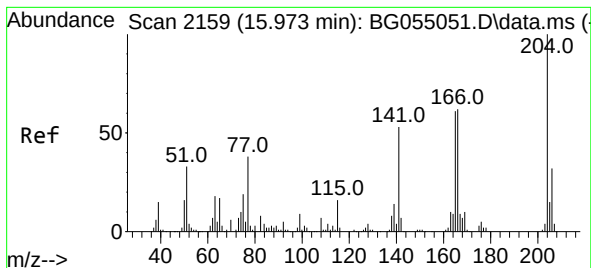
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#60
Diethylphthalate
Concen: 51.543 ng
RT: 15.738 min Scan# 2119
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

Tgt Ion:149 Resp: 308874
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.2
150 12.7 10.1 15.1





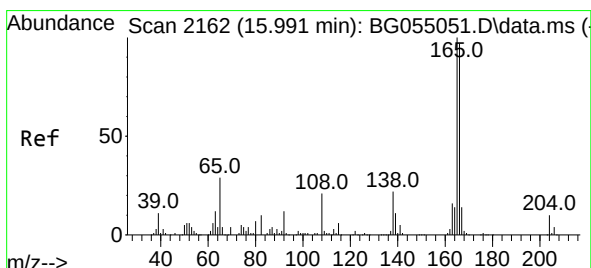
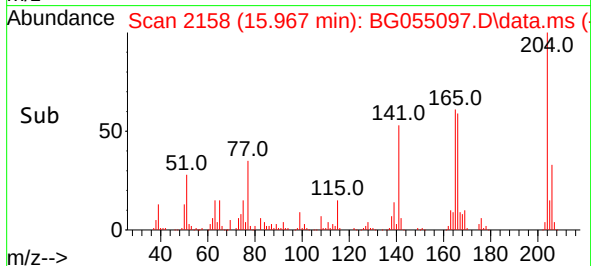
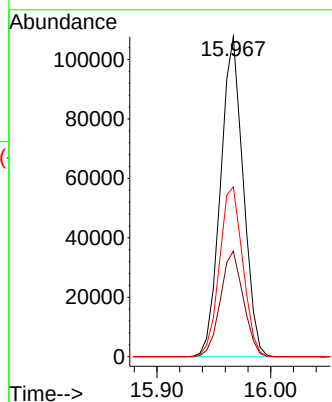
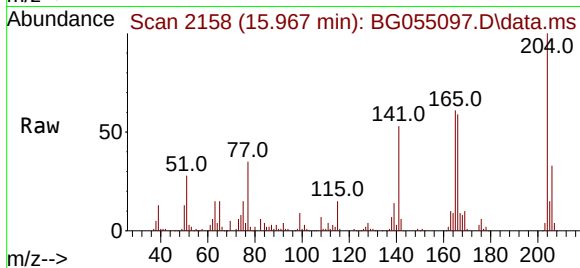
#61
4-Chlorophenyl-phenylether
Concen: 44.181 ng
RT: 15.967 min Scan# 2159
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

Instrument :
BNA_G
ClientSampleId :
PB148146BSD

Tgt Ion:204 Resp: 14904
Ion Ratio Lower Upper
204 100
206 33.0 25.5 38.3
141 53.0 42.3 63.5

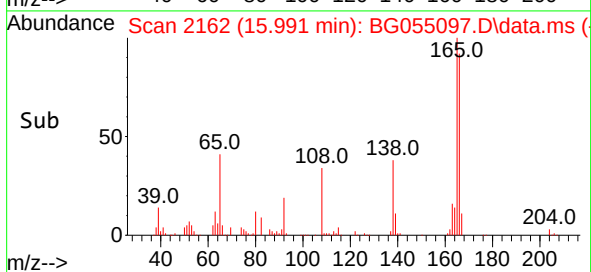
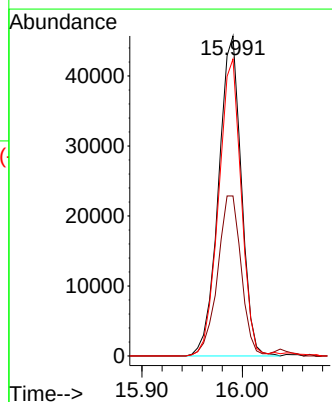
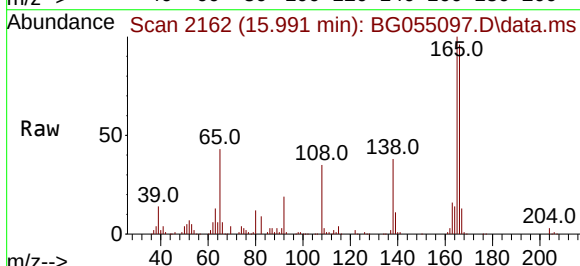
Manual Integrations
APPROVED

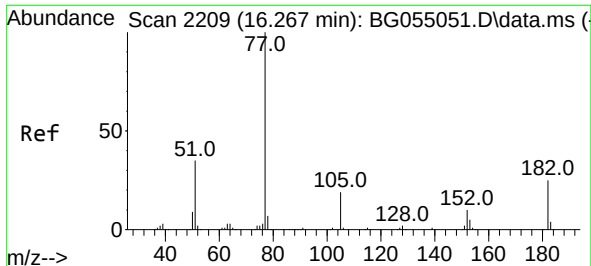
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#62
4-Nitroaniline
Concen: 51.405 ng
RT: 15.991 min Scan# 2162
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

Tgt Ion:138 Resp: 71820
Ion Ratio Lower Upper
138 100
92 50.0 35.3 75.3
108 92.8 72.0 112.0





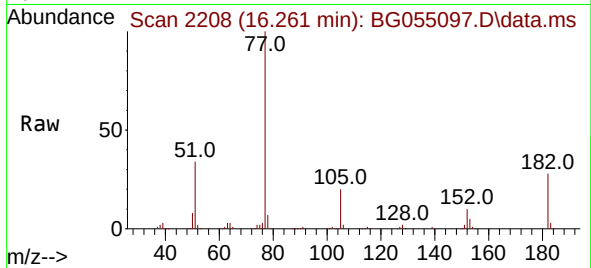
#63
Azobenzene
Concen: 38.920 ng
RT: 16.261 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

Instrument :

BNA_G

ClientSampleId :

PB148146BSD

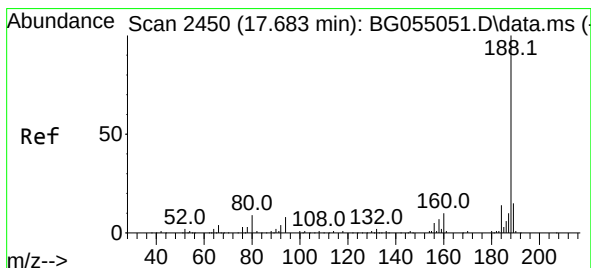
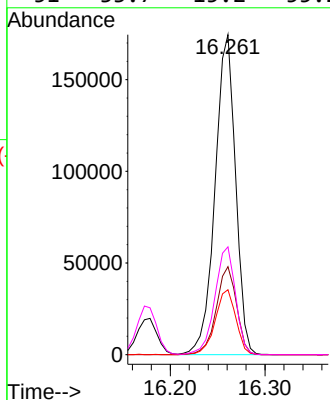
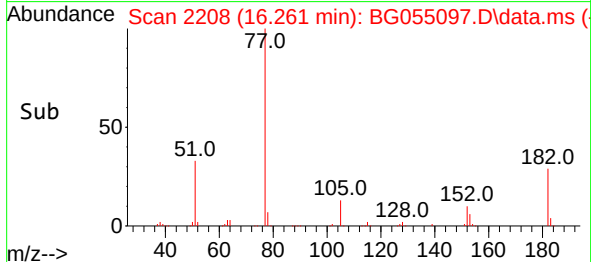


Tgt Ion: 77 Resp: 26268
Ion Ratio Lower Upper
77 100
182 27.5 4.8 44.8
105 20.3 0.0 38.8
51 33.7 15.2 55.2

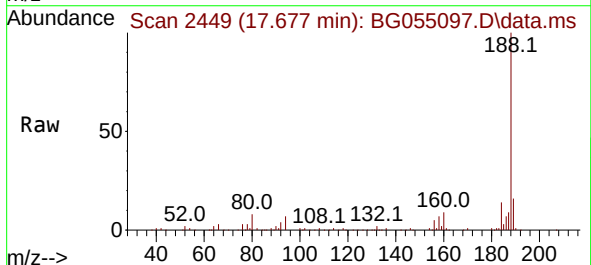
Manual Integrations

APPROVED

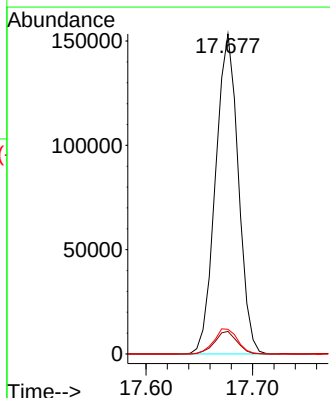
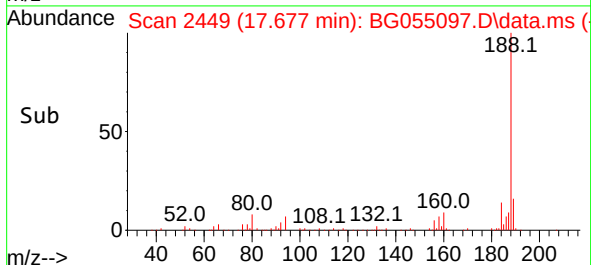
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

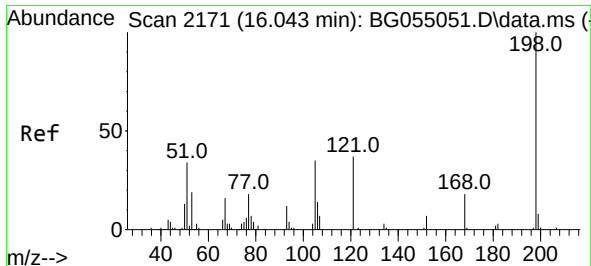


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.677 min Scan# 2449
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12



Tgt Ion:188 Resp: 227126
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.2
80 7.7 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 61.928 ng
RT: 16.044 min Scan# 2171
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

Instrument :

BNA_G

ClientSampleId :

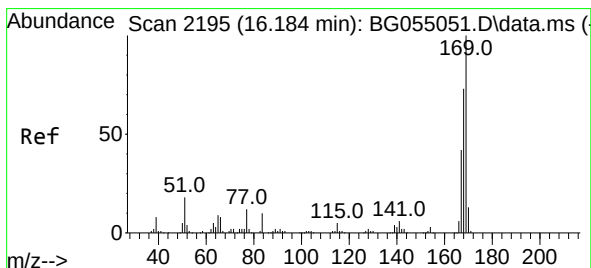
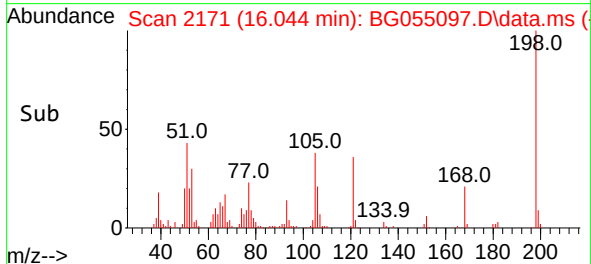
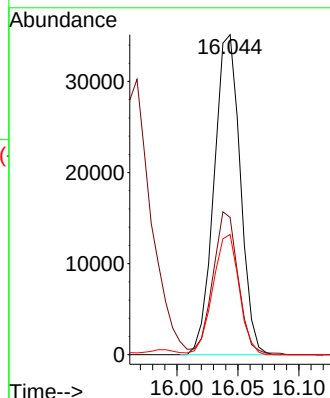
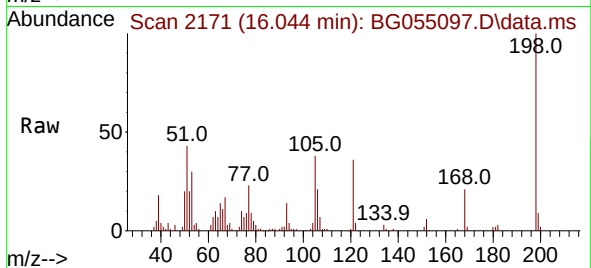
PB148146BSD

Tgt Ion:198 Resp: 5242
Ion Ratio Lower Upper
198 100
51 42.9 19.4 59.4
105 37.6 16.2 56.2

Manual Integrations

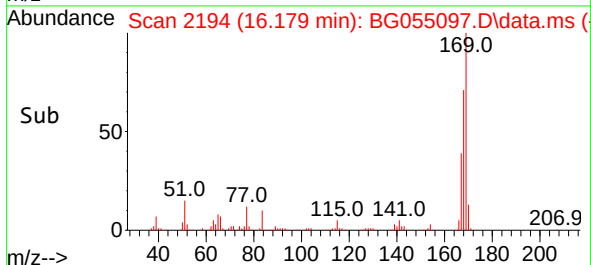
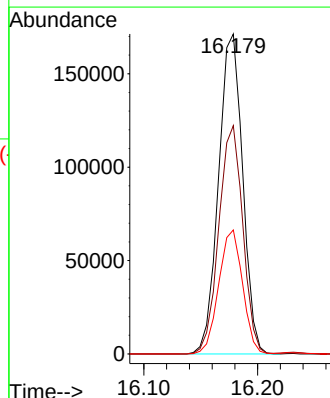
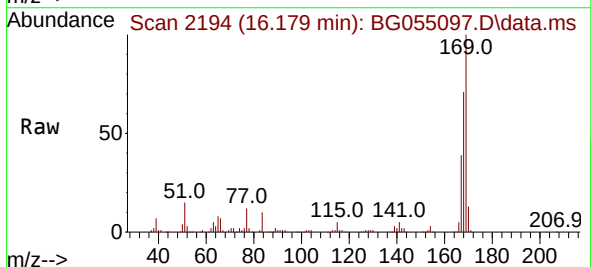
APPROVED

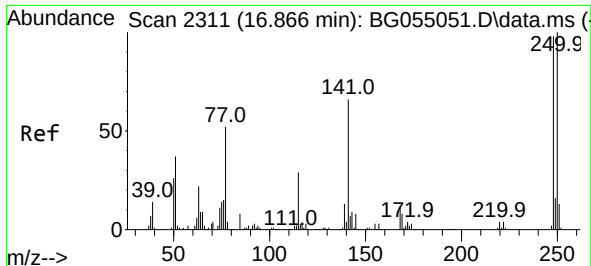
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#66
n-Nitrosodiphenylamine
Concen: 42.644 ng
RT: 16.179 min Scan# 2194
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

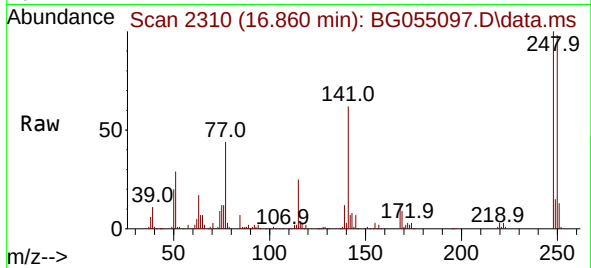
Tgt Ion:169 Resp: 252239
Ion Ratio Lower Upper
169 100
168 71.3 58.4 87.6
167 38.7 33.7 50.5





#67
4-Bromophenyl-phenylether
Concen: 43.315 ng
RT: 16.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

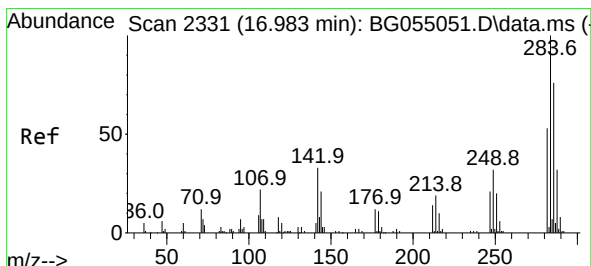
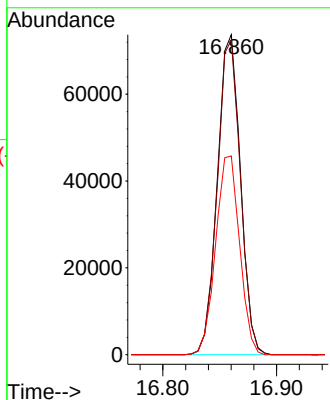
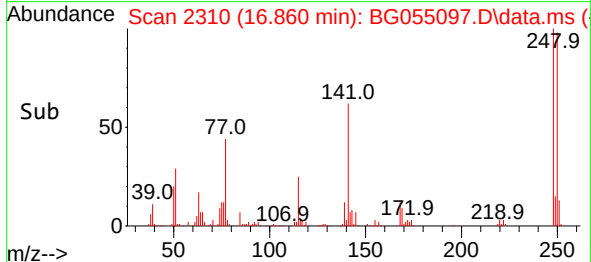
Instrument :
BNA_G
ClientSampleId :
PB148146BSD



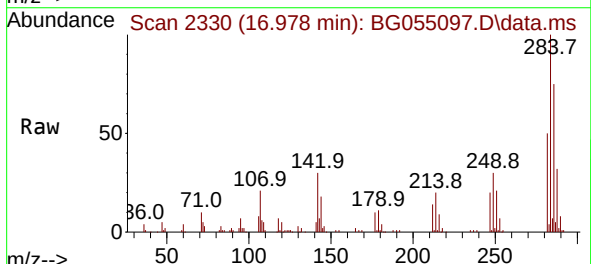
Tgt Ion:248 Resp: 10404
Ion Ratio Lower Upper
248 100
250 98.3 81.7 122.5
141 62.1 53.7 80.5

Manual Integrations
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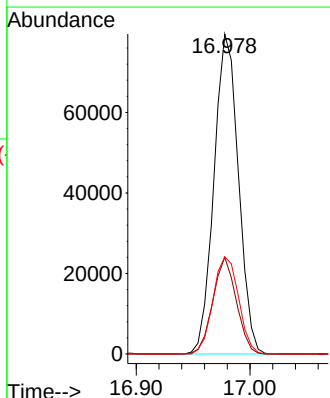
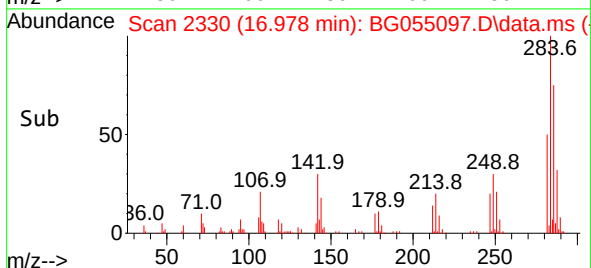
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

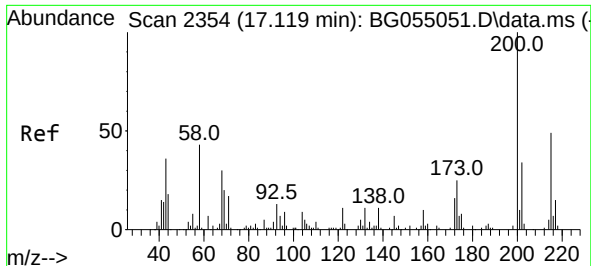


#68
Hexachlorobenzene
Concen: 42.763 ng
RT: 16.978 min Scan# 2330
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12



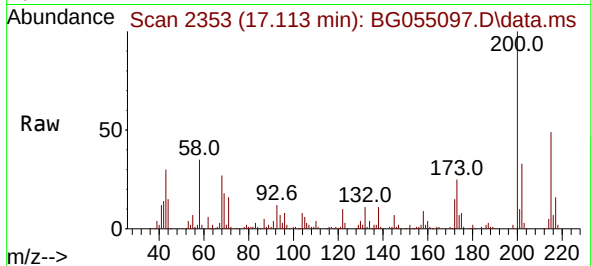
Tgt Ion:284 Resp: 118758
Ion Ratio Lower Upper
284 100
142 30.3 26.2 39.2
249 30.4 25.2 37.8





#69
 Atrazine
 Concen: 60.056 ng
 RT: 17.113 min Scan# 2353
 Delta R.T. 0.003 min
 Lab File: BG055097.D
 Acq: 7 Oct 2022 13:12

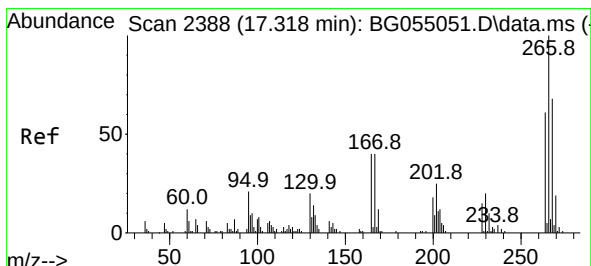
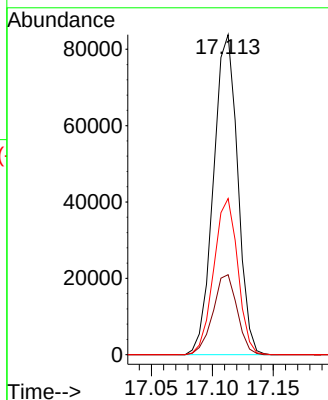
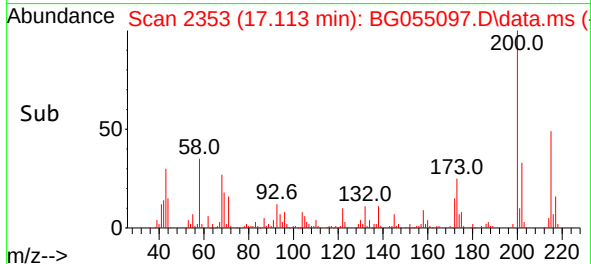
Instrument :
 BNA_G
 ClientSampleId :
 PB148146BSD



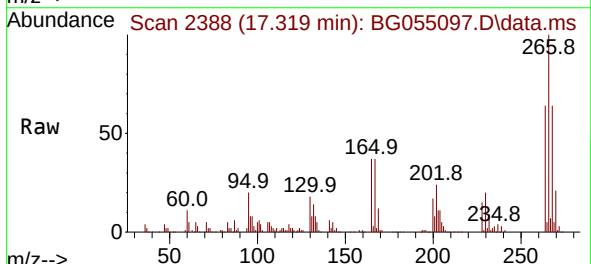
Tgt Ion:200 Resp: 11573
 Ion Ratio Lower Upper
 200 100
 173 25.0 5.3 45.3
 215 48.8 29.1 69.1

Manual Integrations
 APPROVED

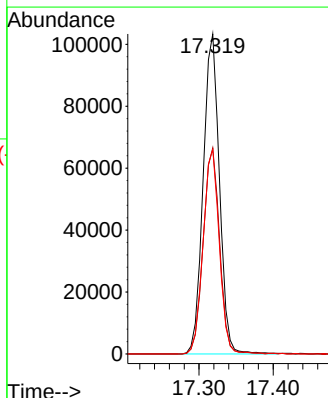
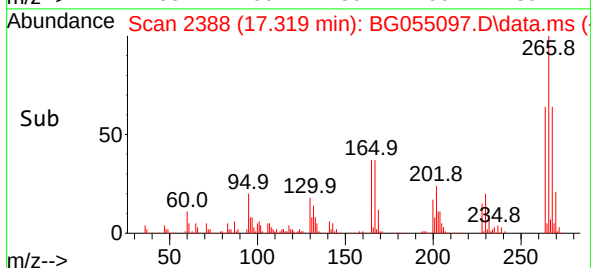
Reviewed By :Christian Giraldo 10/10/2022
 Supervised By :Jagrut Upadhyay 10/10/2022

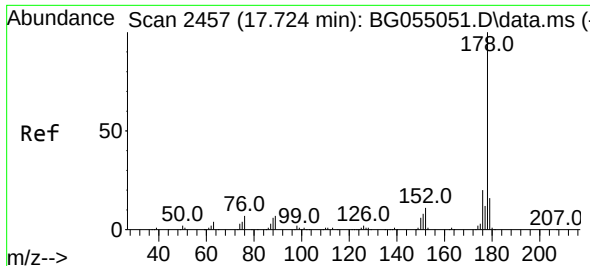


#70
 Pentachlorophenol
 Concen: 98.649 ng
 RT: 17.319 min Scan# 2388
 Delta R.T. 0.003 min
 Lab File: BG055097.D
 Acq: 7 Oct 2022 13:12



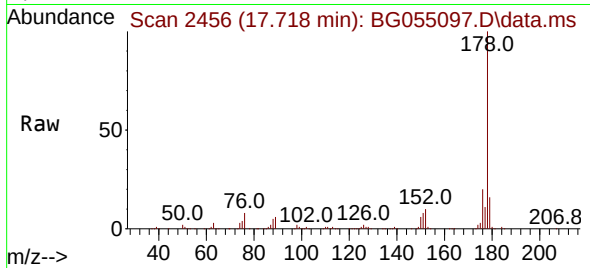
Tgt Ion:266 Resp: 157136
 Ion Ratio Lower Upper
 266 100
 268 64.4 54.0 81.0
 264 64.0 48.6 73.0





#71
Phenanthrene
Concen: 41.111 ng
RT: 17.718 min Scan# 2456
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

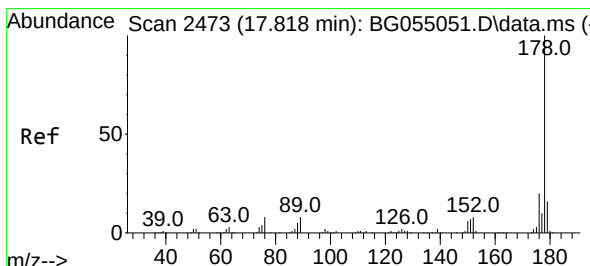
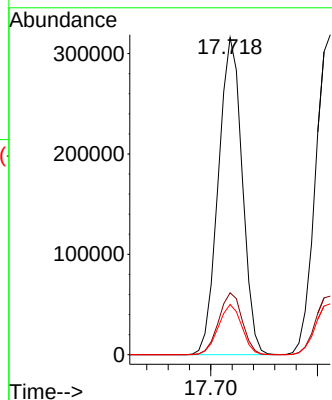
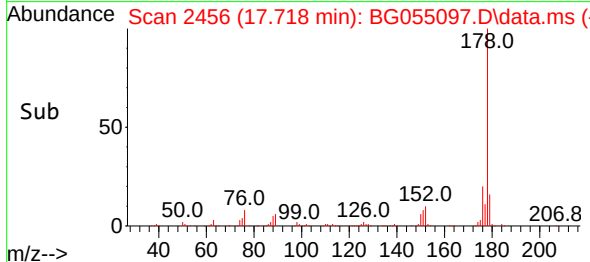
Instrument :
BNA_G
ClientSampleId :
PB148146BSD



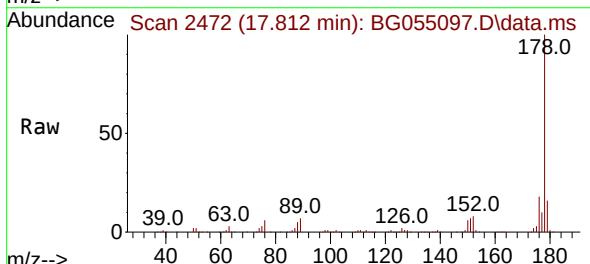
Tgt Ion:178 Resp: 490480
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.9 13.2 19.8

Manual Integrations
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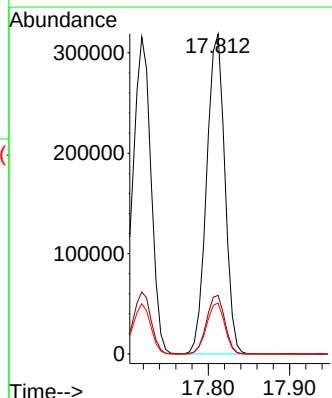
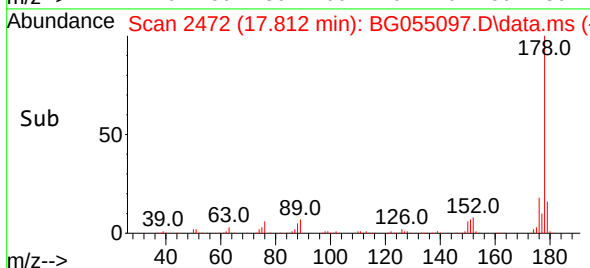
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

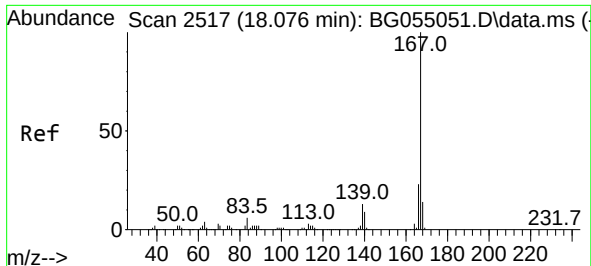


#72
Anthracene
Concen: 42.577 ng
RT: 17.812 min Scan# 2472
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12



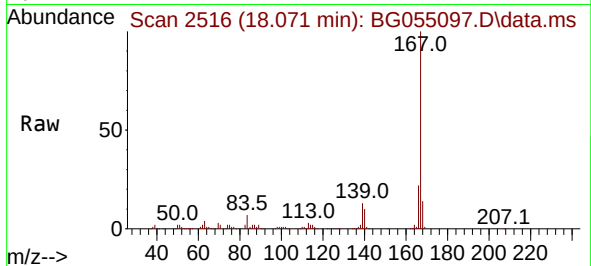
Tgt Ion:178 Resp: 494052
Ion Ratio Lower Upper
178 100
176 18.3 15.7 23.5
179 15.9 12.5 18.7





#73
 Carbazole
 Concen: 45.351 ng
 RT: 18.071 min Scan# 2517
 Delta R.T. 0.003 min
 Lab File: BG055097.D
 Acq: 7 Oct 2022 13:12

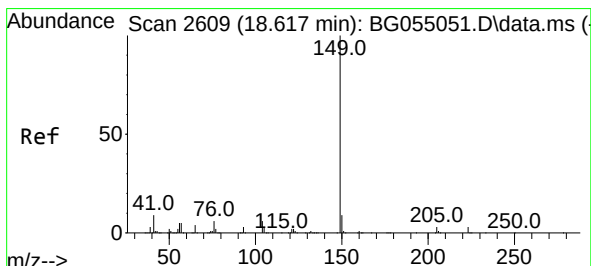
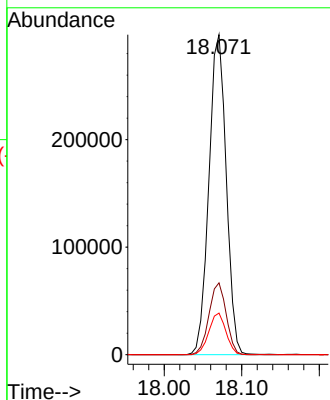
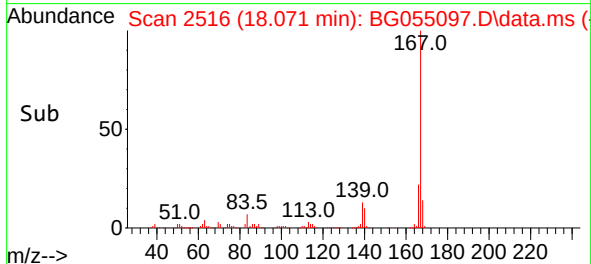
Instrument :
 BNA_G
 ClientSampleId :
 PB148146BSD



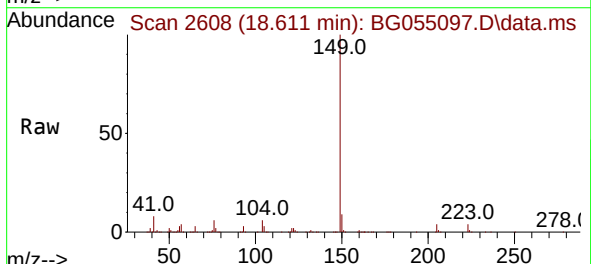
Tgt Ion:167 Resp: 461890
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 13.0 10.2 15.4

Manual Integrations
 APPROVED

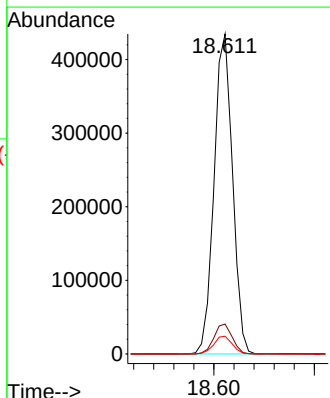
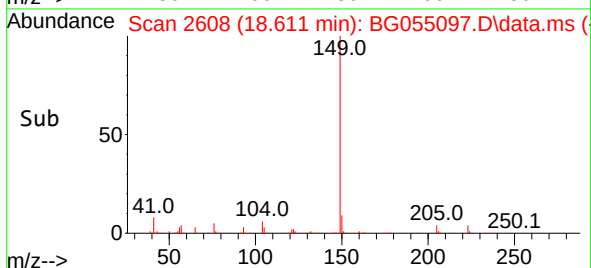
Reviewed By :Christian Giraldo 10/10/2022
 Supervised By :Jagrut Upadhyay 10/10/2022

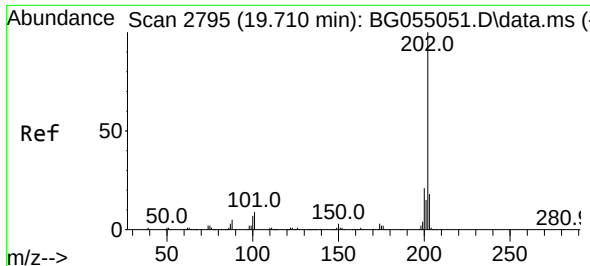


#74
 Di-n-butylphthalate
 Concen: 52.071 ng
 RT: 18.611 min Scan# 2608
 Delta R.T. 0.003 min
 Lab File: BG055097.D
 Acq: 7 Oct 2022 13:12



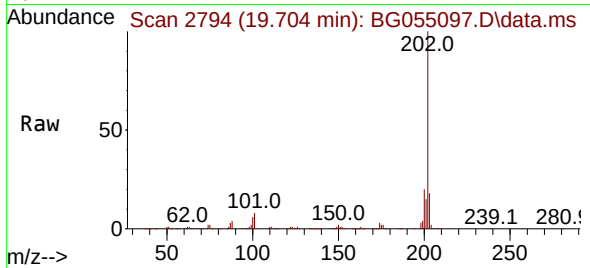
Tgt Ion:149 Resp: 553629
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.6 4.8 7.2





#75
Fluoranthene
Concen: 42.479 ng
RT: 19.704 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

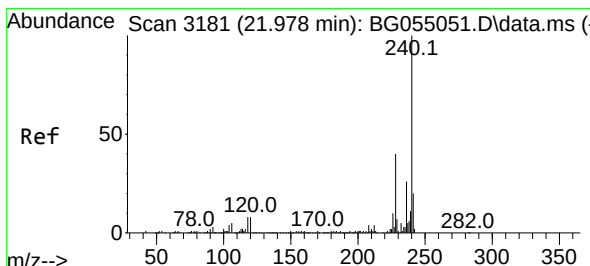
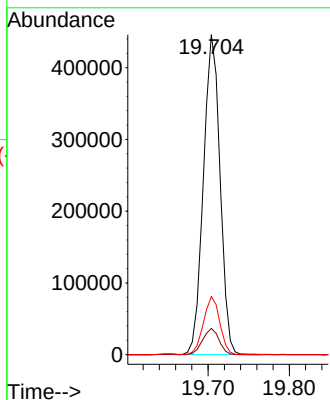
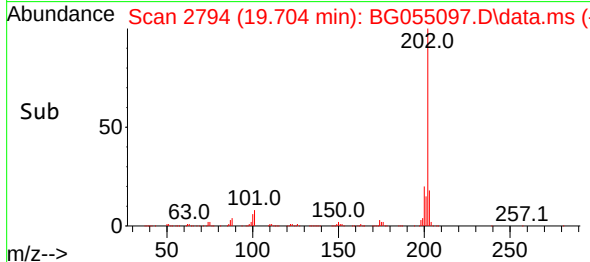
Instrument :
BNA_G
ClientSampleId :
PB148146BSD



Tgt Ion:202 Resp: 63224
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.9
203 18.1 0.0 37.7

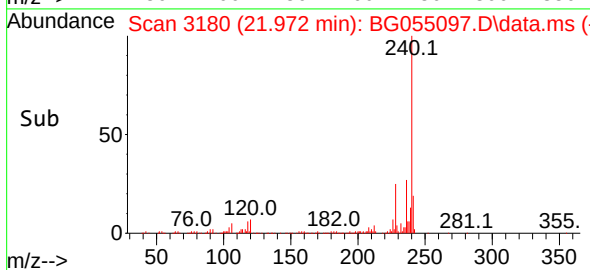
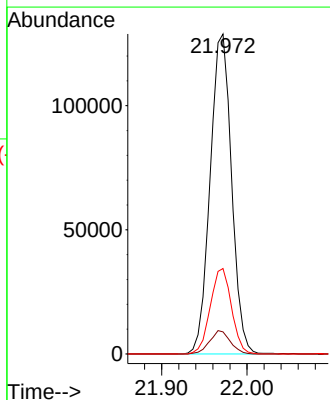
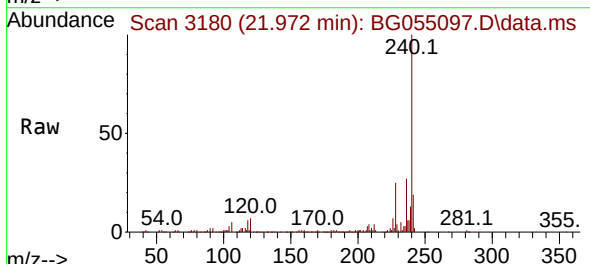
Manual Integrations
APPROVED

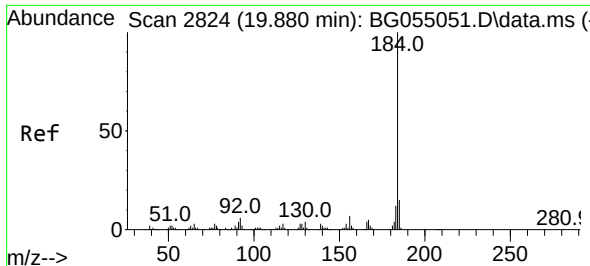
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.972 min Scan# 3180
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

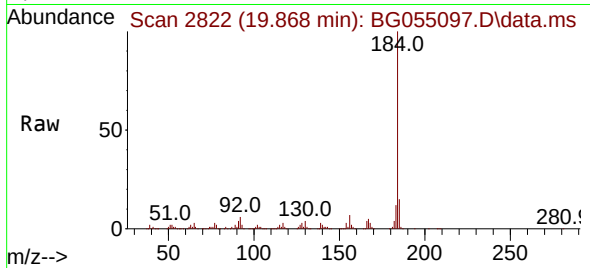
Tgt Ion:240 Resp: 224876
Ion Ratio Lower Upper
240 100
120 6.9 6.2 9.4
236 26.7 20.6 30.8





#77
Benzidine
Concen: 79.898 ng
RT: 19.868 min Scan# 2822
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

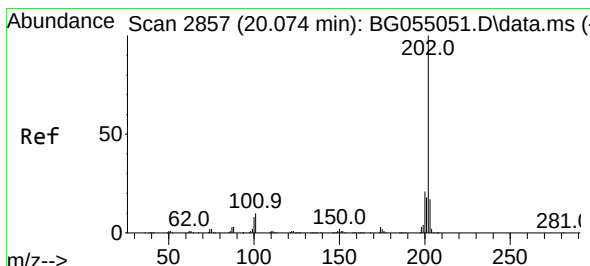
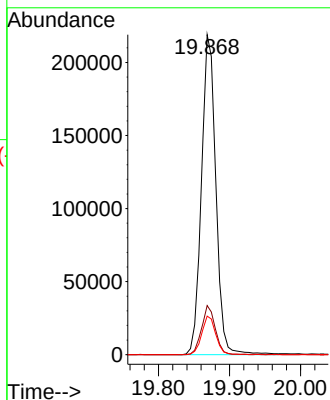
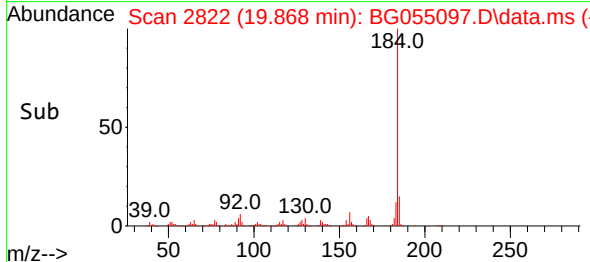
Instrument :
BNA_G
ClientSampleId :
PB148146BSD



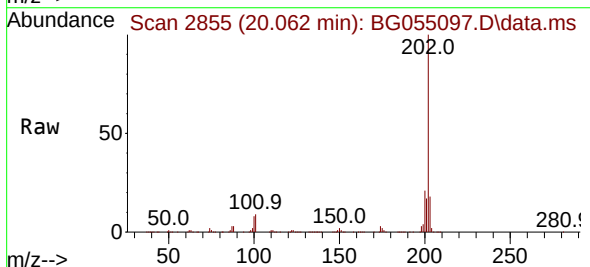
Tgt Ion:184 Resp: 30952
Ion Ratio Lower Upper
184 100
185 15.4 12.2 18.4
183 12.1 9.4 14.0

Manual Integrations
APPROVED

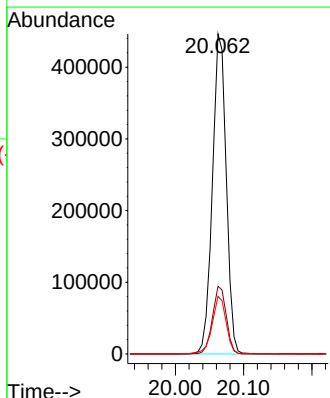
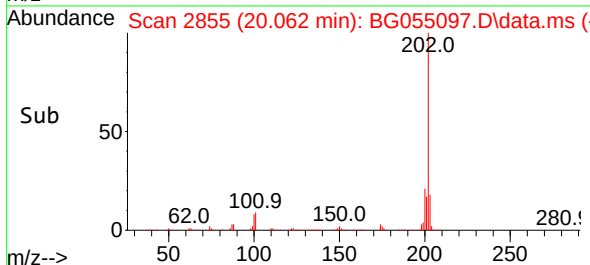
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

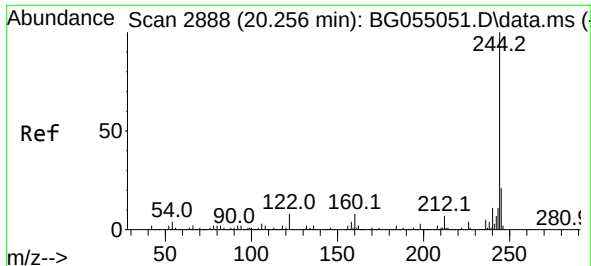


#78
Pyrene
Concen: 42.103 ng
RT: 20.062 min Scan# 2855
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12



Tgt Ion:202 Resp: 629567
Ion Ratio Lower Upper
202 100
200 21.2 16.6 25.0
203 18.0 14.0 21.0





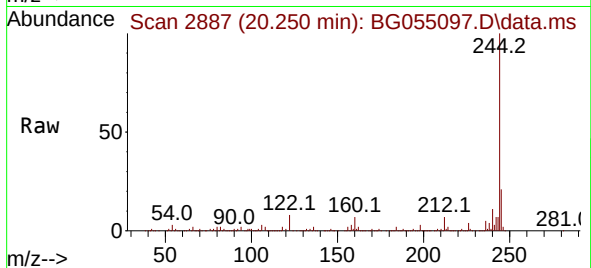
#79
 Terphenyl-d14
 Concen: 86.755 ng
 RT: 20.250 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG055097.D
 Acq: 7 Oct 2022 13:12

Instrument :

BNA_G

ClientSampleId :

PB148146BSD

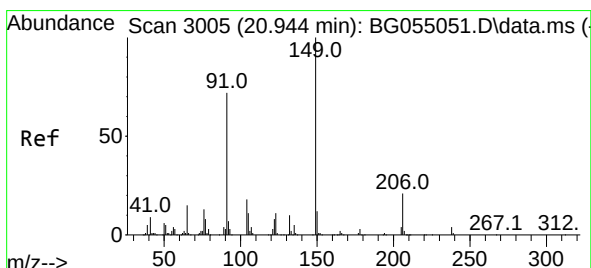
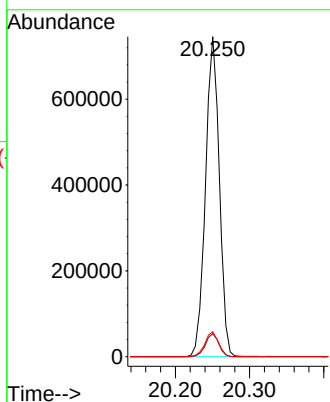
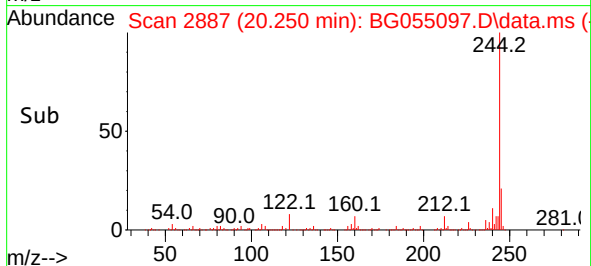


Tgt Ion:244 Resp: 96523
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 7.8 6.6 10.0

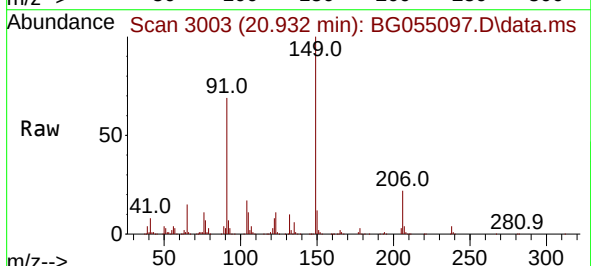
Manual Integrations

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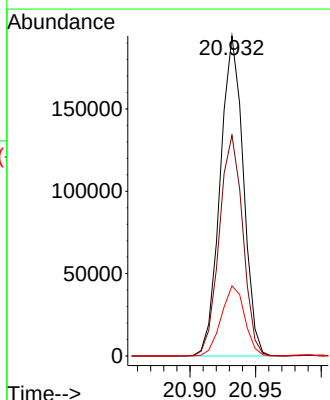
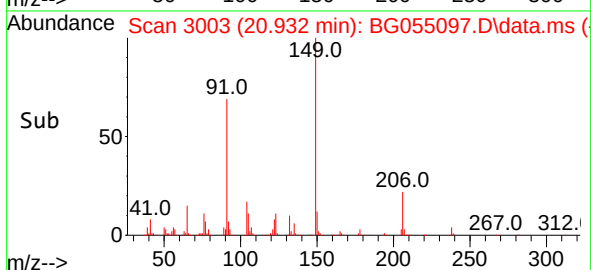
Reviewed By :Christian Giraldo 10/10/2022
 Supervised By :Jagrut Upadhyay 10/10/2022

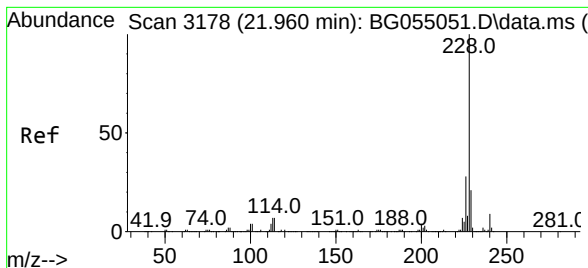


#80
 Butylbenzylphthalate
 Concen: 50.497 ng
 RT: 20.932 min Scan# 3003
 Delta R.T. -0.003 min
 Lab File: BG055097.D
 Acq: 7 Oct 2022 13:12



Tgt Ion:149 Resp: 237729
 Ion Ratio Lower Upper
 149 100
 91 69.0 57.8 86.8
 206 21.9 16.9 25.3





#81

Benzo(a)anthracene

Concen: 41.639 ng

RT: 21.948 min Scan# 3176

Delta R.T. -0.003 min

Lab File: BG055097.D

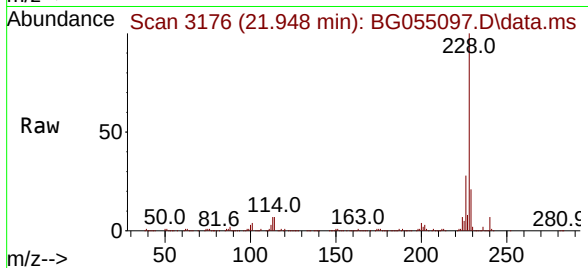
Acq: 7 Oct 2022 13:12

Instrument :

BNA_G

ClientSampleId :

PB148146BSD



Tgt Ion:228 Resp: 59483

Ion Ratio Lower Upper

228 100

226 27.7 22.4 33.6

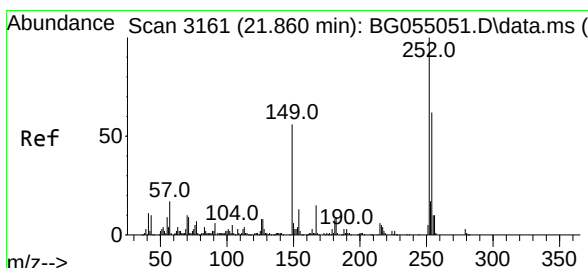
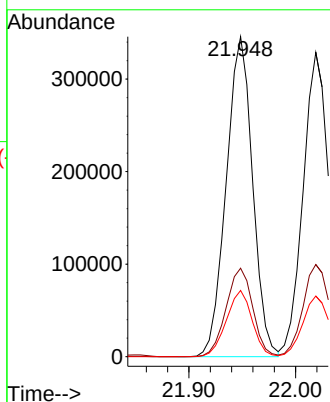
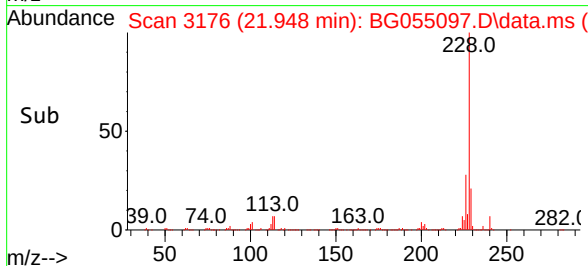
229 20.7 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/10/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#82

3,3'-Dichlorobenzidine

Concen: 45.857 ng

RT: 21.848 min Scan# 3159

Delta R.T. -0.003 min

Lab File: BG055097.D

Acq: 7 Oct 2022 13:12

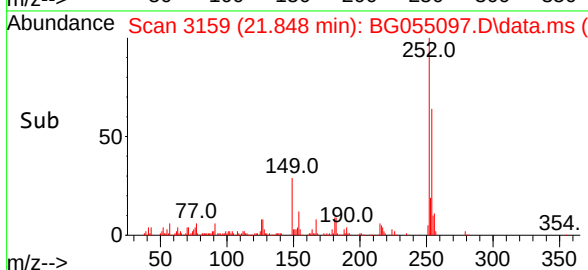
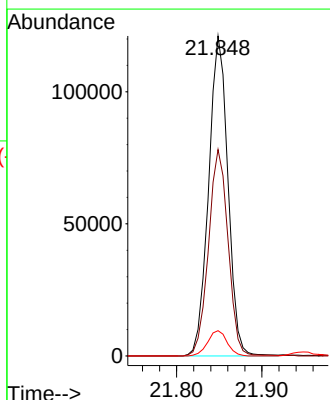
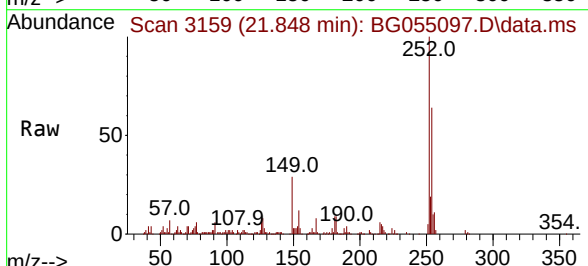
Tgt Ion:252 Resp: 190435

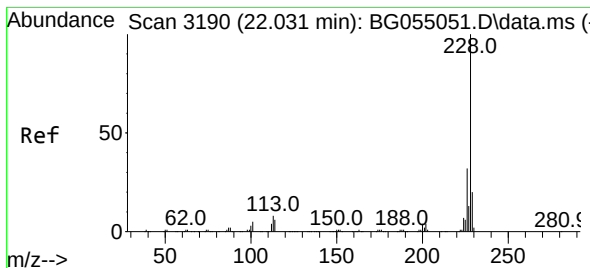
Ion Ratio Lower Upper

252 100

254 64.5 49.8 74.8

126 7.9 6.3 9.5





#83

Chrysene

Concen: 40.138 ng

RT: 22.019 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG055097.D

Acq: 7 Oct 2022 13:12

Instrument :

BNA_G

ClientSampleId :

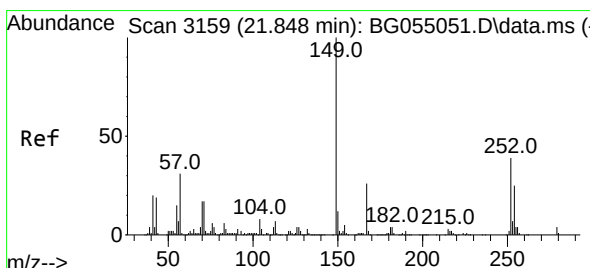
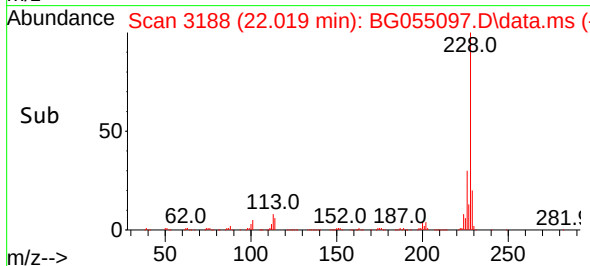
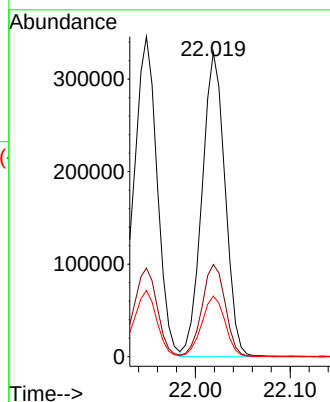
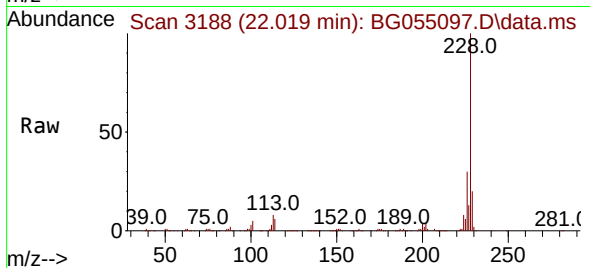
PB148146BSD

Tgt Ion:	228	Resp:	55263
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.3	37.9
229	19.9	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.820 ng

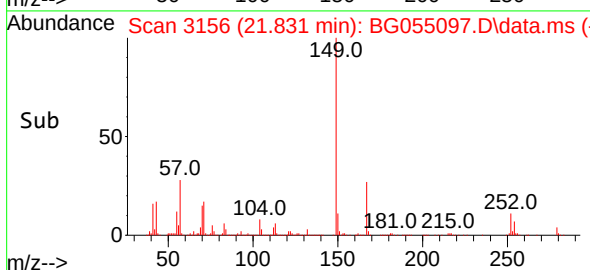
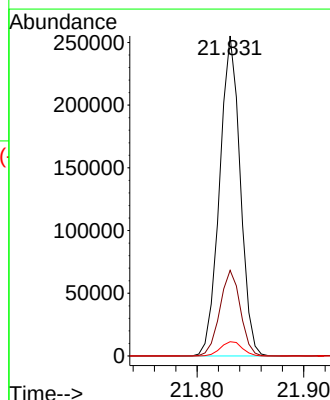
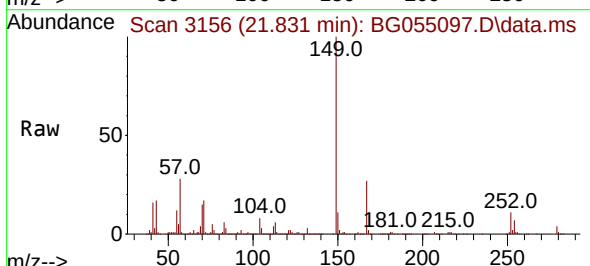
RT: 21.831 min Scan# 3156

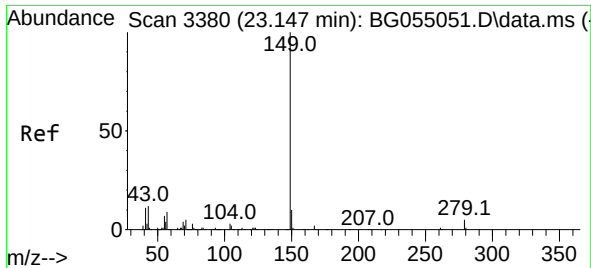
Delta R.T. -0.003 min

Lab File: BG055097.D

Acq: 7 Oct 2022 13:12

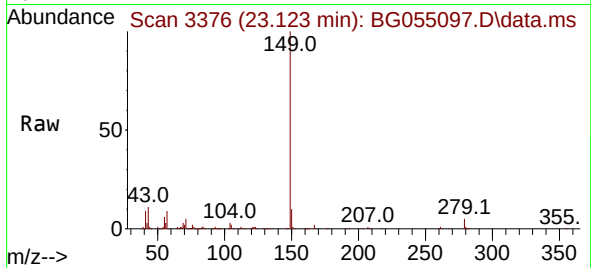
Tgt Ion:	149	Resp:	342294
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.0	31.4
279	4.5	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 49.283 ng
RT: 23.123 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

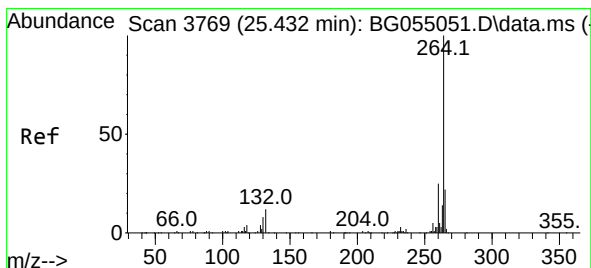
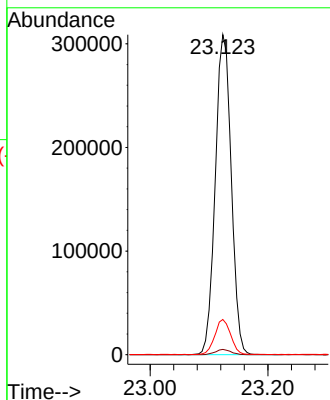
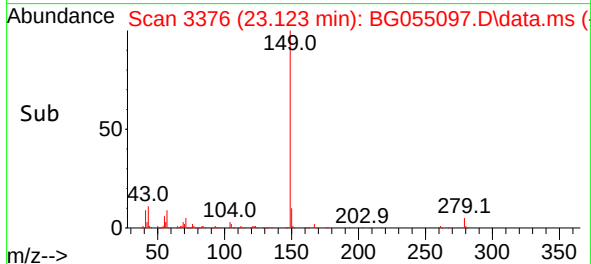
Instrument :
BNA_G
ClientSampleId :
PB148146BSD



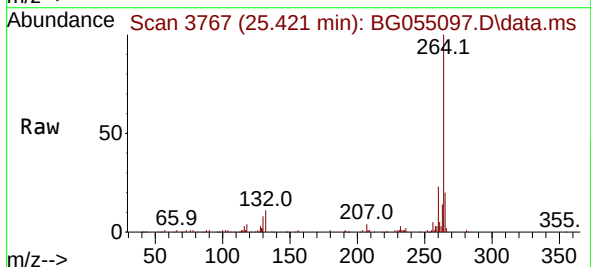
Tgt Ion:149 Resp: 580579
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.1 10.2 15.4

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APPROVED

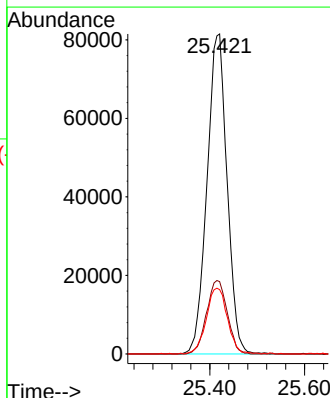
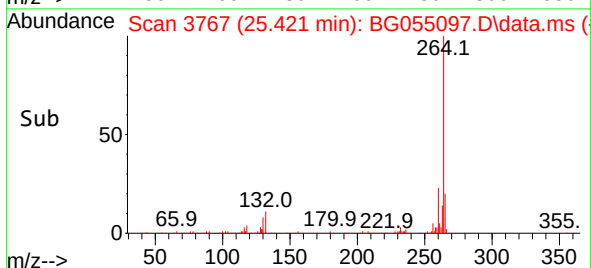
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

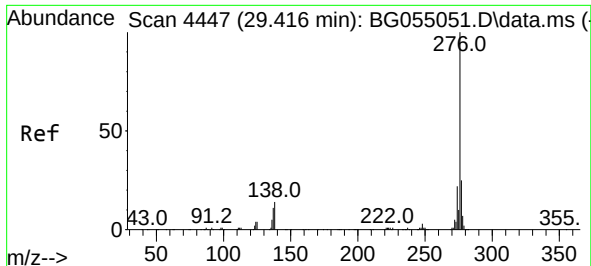


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.421 min Scan# 3767
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12



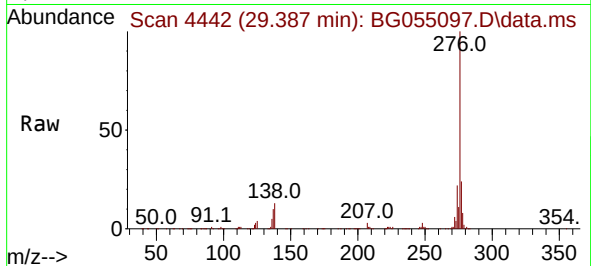
Tgt Ion:264 Resp: 239334
Ion Ratio Lower Upper
264 100
260 22.6 19.7 29.5
265 20.1 17.8 26.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.460 ng
 RT: 29.387 min Scan# 4447
 Delta R.T. -0.003 min
 Lab File: BG055097.D
 Acq: 7 Oct 2022 13:12

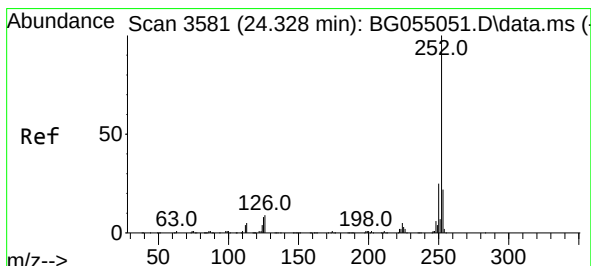
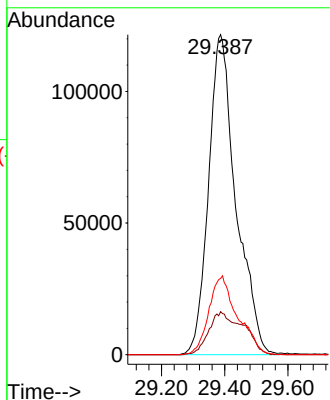
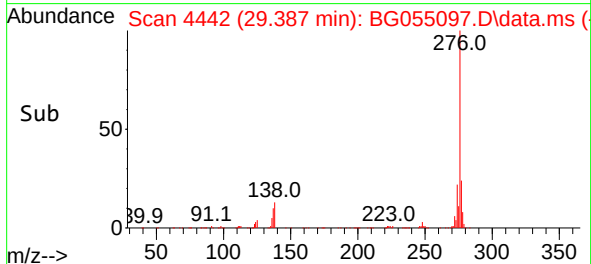
Instrument :
 BNA_G
 ClientSampleId :
 PB148146BSD



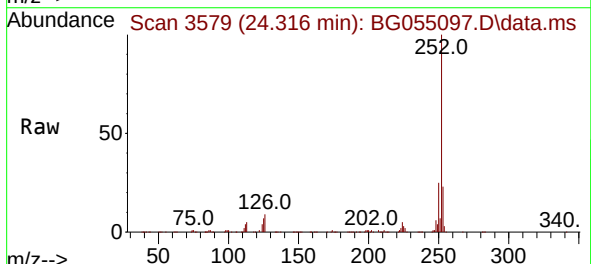
Tgt Ion:276 Resp: 733360
 Ion Ratio Lower Upper
 276 100
 138 16.9 10.0 15.0
 277 25.7 20.0 30.0

Manual Integrations
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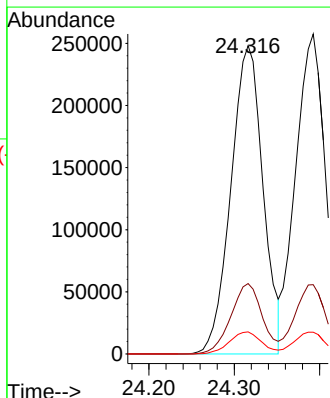
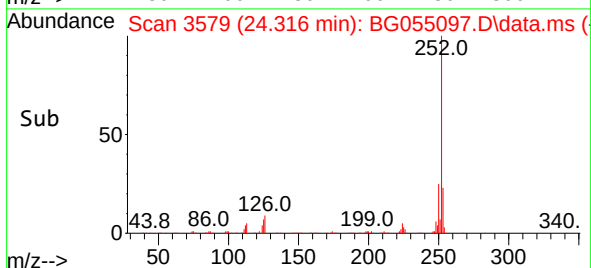
Reviewed By :Christian Giraldo 10/10/2022
 Supervised By :Jagrut Upadhyay 10/10/2022

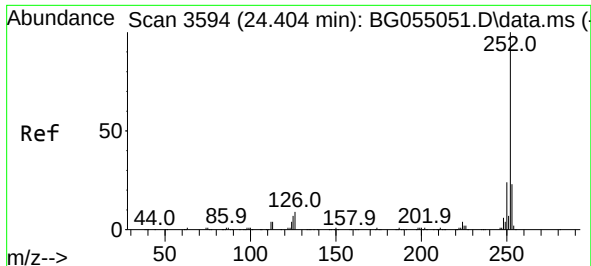


#88
 Benzo(b)fluoranthene
 Concen: 46.006 ng
 RT: 24.316 min Scan# 3579
 Delta R.T. -0.003 min
 Lab File: BG055097.D
 Acq: 7 Oct 2022 13:12



Tgt Ion:252 Resp: 648761
 Ion Ratio Lower Upper
 252 100
 253 22.8 17.9 26.9
 125 7.2 6.1 9.1





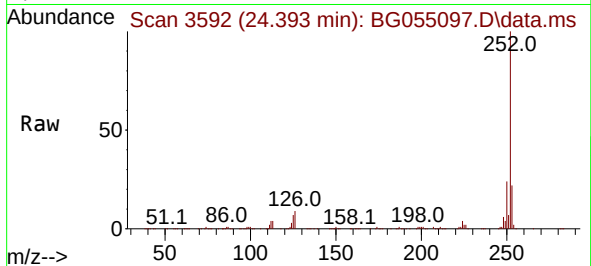
#89
Benzo(k)fluoranthene
Concen: 44.030 ng
RT: 24.393 min Scan# 30
Delta R.T. 0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

Instrument :

BNA_G

ClientSampleId :

PB148146BSD

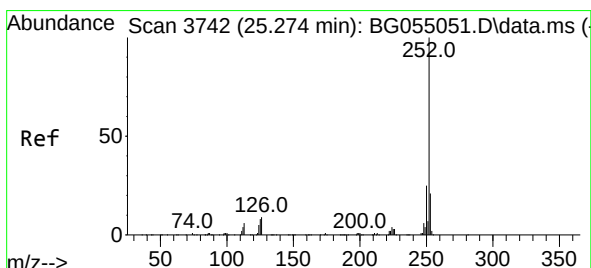
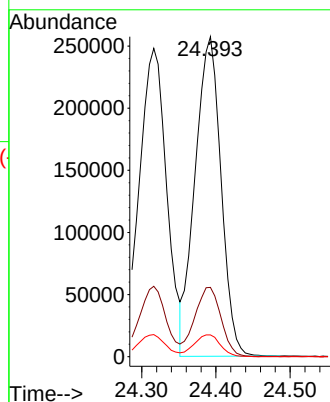
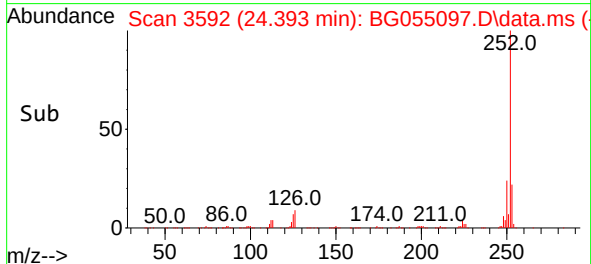


Tgt Ion:252 Resp: 625518
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 6.8 5.8 8.6

Manual Integrations

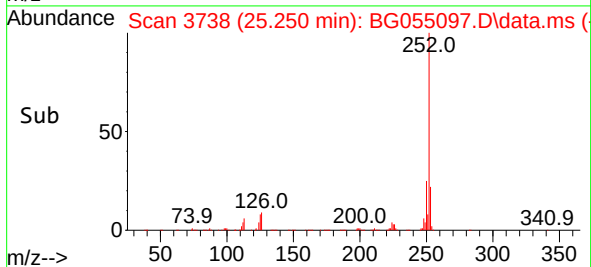
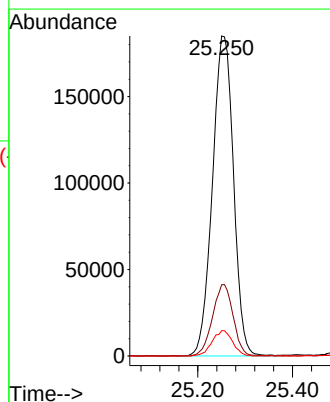
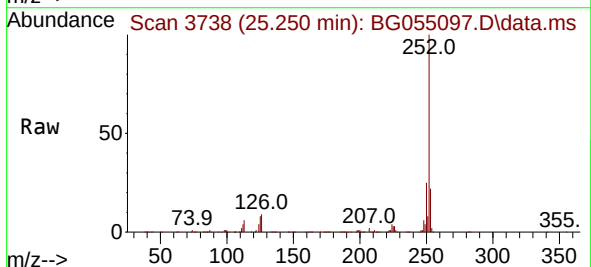
APPROVED

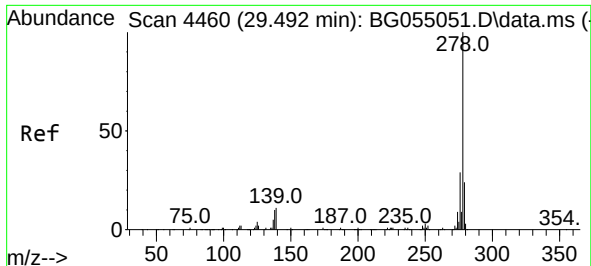
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#90
Benzo(a)pyrene
Concen: 47.228 ng
RT: 25.250 min Scan# 3738
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

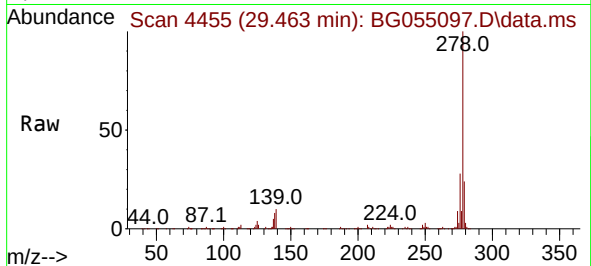
Tgt Ion:252 Resp: 570813
Ion Ratio Lower Upper
252 100
253 22.2 16.9 25.3
125 7.9 6.6 9.8





#91
Dibenzo(a,h)anthracene
Concen: 45.331 ng
RT: 29.463 min Scan# 4460
Delta R.T. -0.003 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12

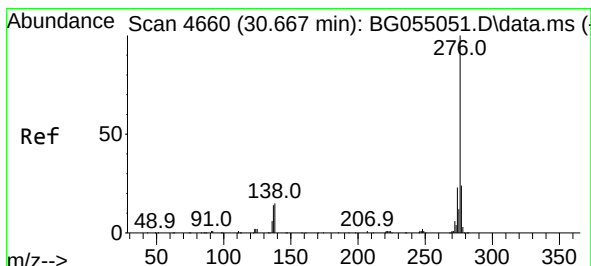
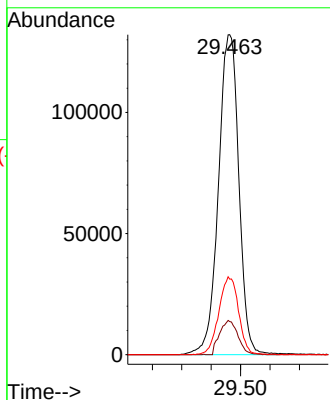
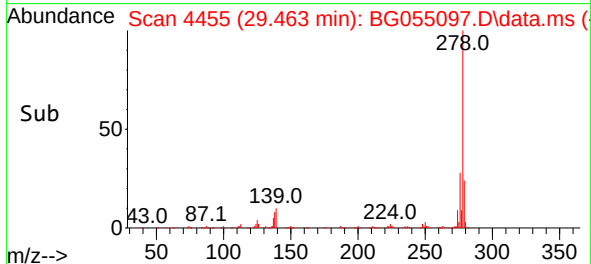
Instrument :
BNA_G
ClientSampleId :
PB148146BSD



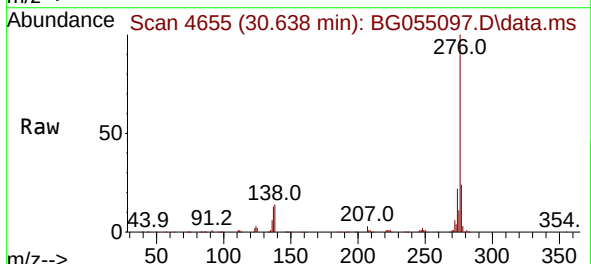
Tgt Ion:278 Resp: 636020
Ion Ratio Lower Upper
278 100
139 10.3 8.5 12.7
279 23.6 19.0 28.6

Manual Integrations
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Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#92
Benzo(g,h,i)perylene
Concen: 44.514 ng
RT: 30.638 min Scan# 4655
Delta R.T. 0.009 min
Lab File: BG055097.D
Acq: 7 Oct 2022 13:12



Tgt Ion:276 Resp: 626955
Ion Ratio Lower Upper
276 100
277 24.1 18.8 28.2
138 13.8 11.8 17.6

