

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100722\
 Data File : BG055096.D
 Acq On : 7 Oct 2022 12:29
 Operator : CG/JU
 Sample : PB148146BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148146BS

Manual Integrations
 APPROVED

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

Quant Time: Oct 08 03:08:28 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	24739	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	110673	20.000	ng	# 0.00
39) Acenaphthene-d10	14.939	164	86716	20.000	ng	0.00
64) Phenanthrene-d10	17.677	188	229328	20.000	ng	0.00
76) Chrysene-d12	21.966	240	229380	20.000	ng	0.00
86) Perylene-d12	25.415	264	243015	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.855	112	194084	174.254	ng	0.00
7) Phenol-d6	7.465	99	267416	160.242	ng	0.00
23) Nitrobenzene-d5	9.504	82	164000	88.546	ng	0.00
42) 2,4,6-Tribromophenol	16.419	330	168449	184.174	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	429728	77.363	ng	0.00
79) Terphenyl-d14	20.250	244	964766	85.011	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.681	88	21104	33.488	ng	98
3) Pyridine	4.098	79	57719	30.458	ng	92
4) n-Nitrosodimethylamine	4.004	42	38685	35.696	ng	91
6) Aniline	7.647	93	95476	39.102	ng	97
8) 2-Chlorophenol	7.894	128	74015	57.773	ng	94
9) Benzaldehyde	7.459	77	46554	34.725	ng	96
10) Phenol	7.494	94	98367	51.870	ng	95
11) bis(2-Chloroethyl)ether	7.741	93	63290	40.719	ng	96
12) 1,3-Dichlorobenzene	8.223	146	75480	42.803	ng	98
13) 1,4-Dichlorobenzene	8.370	146	76812	43.042	ng	99
14) 1,2-Dichlorobenzene	8.693	146	75603	43.605	ng	98
15) Benzyl Alcohol	8.564	79	78033	52.059	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.858	45	107751	36.599	ng	98
17) 2-Methylphenol	8.758	107	69922	52.332	ng	96
18) Hexachloroethane	9.433	117	26435	46.715	ng	94
19) n-Nitroso-di-n-propyla...	9.140	70	62050	38.385	ng	# 96
20) 3+4-Methylphenols	9.087	107	97061	52.163	ng	99
22) Acetophenone	9.163	105	117145	41.740	ng	# 97
24) Nitrobenzene	9.551	77	88319	43.916	ng	91
25) Isophorone	10.074	82	173474	44.069	ng	98
26) 2-Nitrophenol	10.268	139	42283	72.009	ng	# 85
27) 2,4-Dimethylphenol	10.309	122	83058	61.550	ng	97
28) bis(2-Chloroethoxy)met...	10.550	93	91993	45.671	ng	97
29) 2,4-Dichlorophenol	10.796	162	83223	50.231	ng	96
30) 1,2,4-Trichlorobenzene	11.026	180	79752	41.261	ng	98
31) Naphthalene	11.220	128	234506	40.148	ng	99
32) Benzoic acid	10.415	122	61998	64.638	ng	94
33) 4-Chloroaniline	11.314	127	80762	33.437	ng	98
34) Hexachlorobutadiene	11.496	225	51695	41.246	ng	93
35) Caprolactam	12.071	113	32737m	62.361	ng	
36) 4-Chloro-3-methylphenol	12.400	107	97246	51.381	ng	95
37) 2-Methylnaphthalene	12.794	142	177540	41.245	ng	99
38) 1-Methylnaphthalene	13.012	142	170955	40.830	ng	97
40) 1,2,4,5-Tetrachloroben...	13.153	216	102918	40.648	ng	99
41) Hexachlorocyclopentadiene	13.135	237	136005	124.743	ng	98
43) 2,4,6-Trichlorophenol	13.382	196	80093	51.618	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.452	196	89275	51.017	ng	98
46) 1,1'-Biphenyl	13.781	154	249765	42.009	ng	99
47) 2-Chloronaphthalene	13.828	162	193165	40.319	ng	99
48) 2-Nitroaniline	14.016	65	71216	52.418	ng	93
49) Acenaphthylene	14.668	152	331309	41.761	ng	99
50) Dimethylphthalate	14.386	163	294019	49.956	ng	99
51) 2,6-Dinitrotoluene	14.504	165	61170	50.537	ng	84
52) Acenaphthene	15.009	154	238353	48.386	ng	99
53) 3-Nitroaniline	14.833	138	55358	39.981	ng	99
54) 2,4-Dinitrophenol	15.033	184	80971	148.009	ng	# 47
55) Dibenzofuran	15.338	168	333109	42.384	ng	97
56) 4-Nitrophenol	15.121	139	119032	108.406	ng	97
57) 2,4-Dinitrotoluene	15.285	165	91560	55.058	ng	# 84
58) Fluorene	15.979	166	268826	42.744	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.550	232	86047	53.047	ng	98
60) Diethylphthalate	15.738	149	309908	51.031	ng	97
61) 4-Chlorophenyl-phenyle...	15.967	204	148928	43.563	ng	99
62) 4-Nitroaniline	15.990	138	72804	51.420	ng	98
63) Azobenzene	16.261	77	266525	38.967	ng	96
65) 4,6-Dinitro-2-methylph...	16.043	198	53177	62.211	ng	97
66) n-Nitrosodiphenylamine	16.178	169	254846	42.671	ng	97
67) 4-Bromophenyl-phenylether	16.860	248	103369	42.620	ng	98
68) Hexachlorobenzene	16.977	284	119953	42.778	ng	96
69) Atrazine	17.113	200	116084	59.658	ng	98
70) Pentachlorophenol	17.318	266	159919	99.382	ng	96
71) Phenanthrene	17.718	178	492305	40.868	ng	99
72) Anthracene	17.806	178	494831	42.235	ng	99
73) Carbazole	18.070	167	469134	45.619	ng	99
74) Di-n-butylphthalate	18.611	149	556917	51.878	ng	100
75) Fluoranthene	19.704	202	634971	42.252	ng	99
77) Benzidine	19.874	184	316871	80.189	ng	98
78) Pyrene	20.062	202	633694	41.547	ng	99
80) Butylbenzylphthalate	20.932	149	239010	49.842	ng	97
81) Benzo(a)anthracene	21.948	228	603571	41.421	ng	99
82) 3,3'-Dichlorobenzidine	21.848	252	191957	45.316	ng	96
83) Chrysene	22.019	228	559441	39.835	ng	99
84) Bis(2-ethylhexyl)phtha...	21.831	149	344221	48.189	ng	99
85) Di-n-octyl phthalate	23.123	149	588312	48.987	ng	96
87) Indeno(1,2,3-cd)pyrene	29.386	276	742435	42.335	ng	99
88) Benzo(b)fluoranthene	24.316	252	660861	46.154	ng	98
89) Benzo(k)fluoranthene	24.392	252	628678	43.582	ng	100
90) Benzo(a)pyrene	25.256	252	572679	46.665	ng	97
91) Dibenzo(a,h)anthracene	29.463	278	642031	45.066	ng	99
92) Benzo(g,h,i)perylene	30.632	276	631587	44.164	ng	99

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

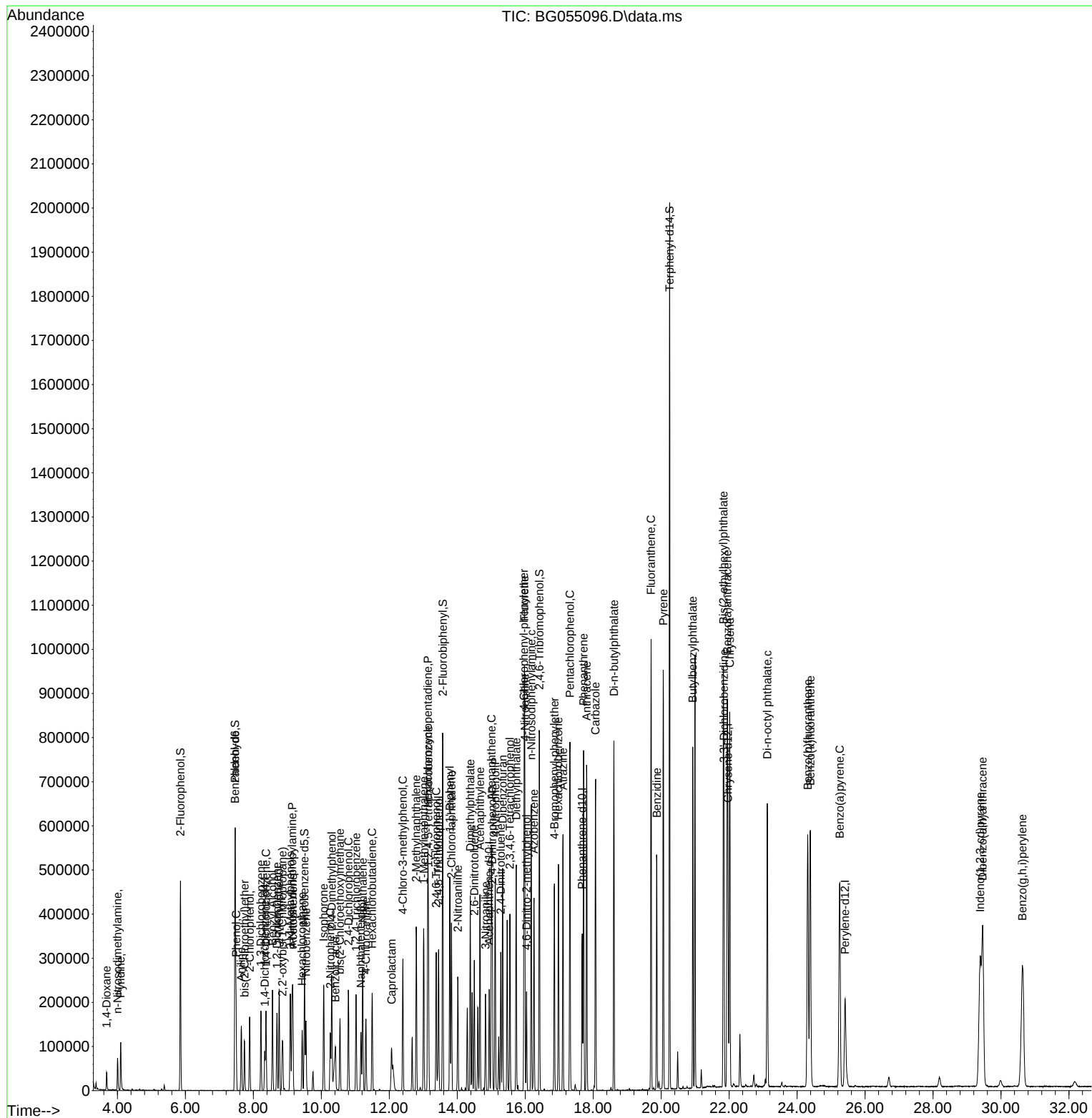
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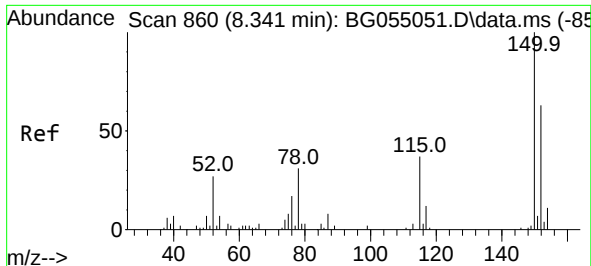
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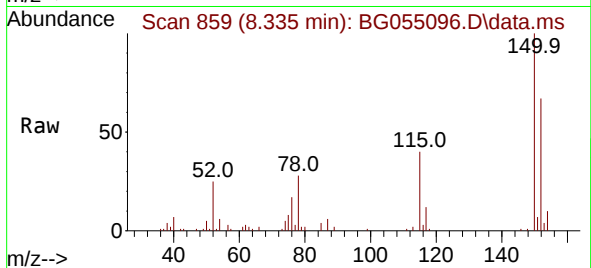
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.335 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Instrument :

BNA_G

ClientSampleId :

PB148146BS

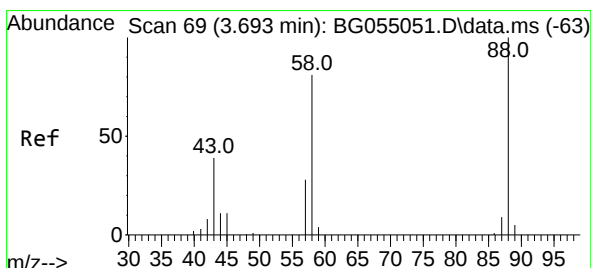
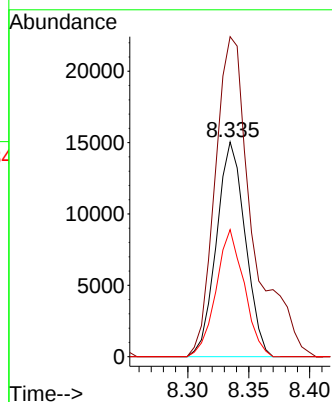
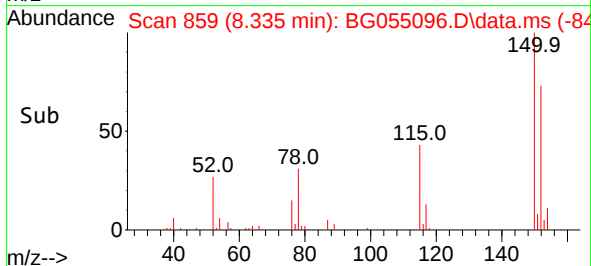


Tgt Ion:152 Resp: 24739
Ion Ratio Lower Upper
152 100
150 149.0 128.0 192.0
115 59.1 47.7 71.5

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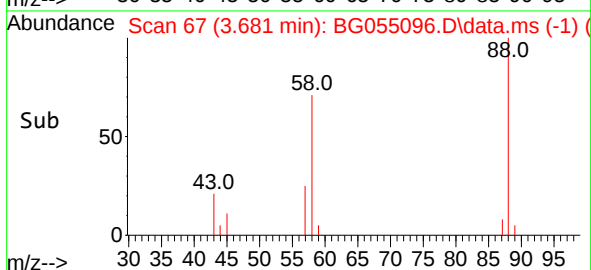
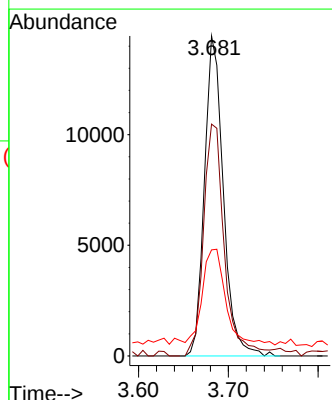
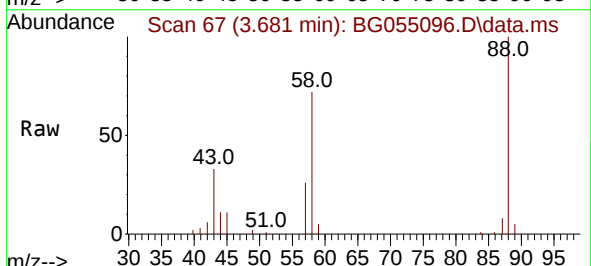
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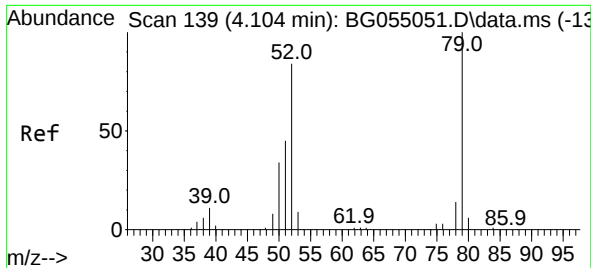
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#2
1,4-Dioxane
Concen: 33.488 ng
RT: 3.681 min Scan# 67
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

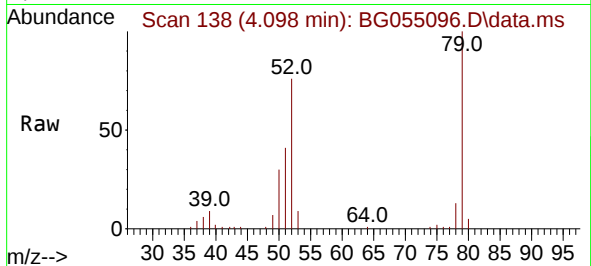
Tgt Ion: 88 Resp: 21104
Ion Ratio Lower Upper
88 100
58 80.1 62.6 94.0
43 36.9 29.0 43.6





#3
Pyridine
Concen: 30.458 ng
RT: 4.098 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

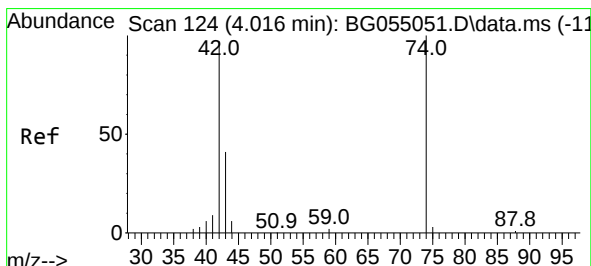
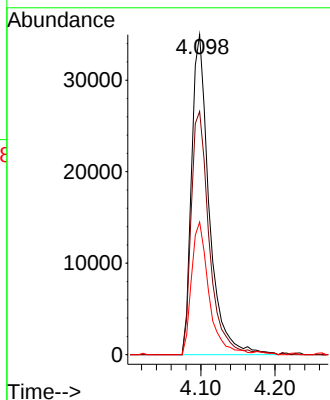
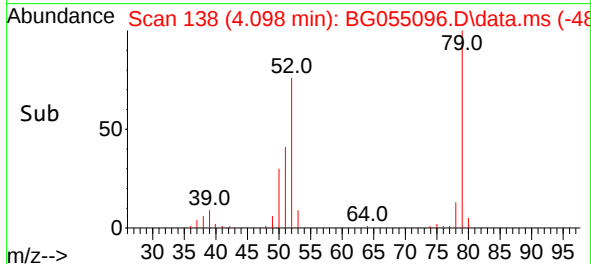
Instrument :
BNA_G
ClientSampleId :
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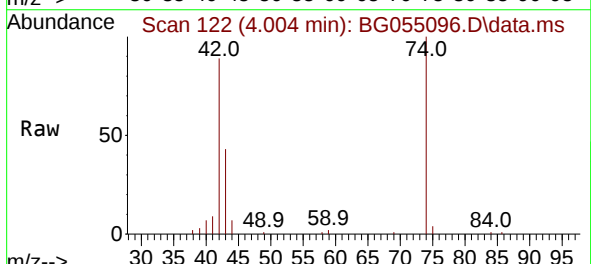
Tgt Ion: 79 Resp: 57719
Ion Ratio Lower Upper
79 100
52 76.0 66.8 100.2
51 41.5 37.3 55.9

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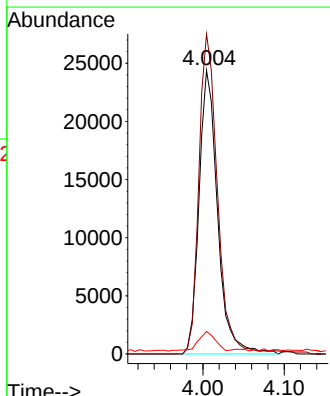
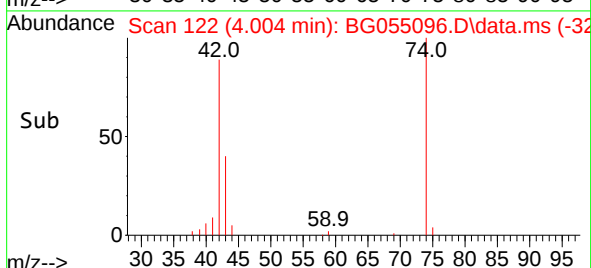
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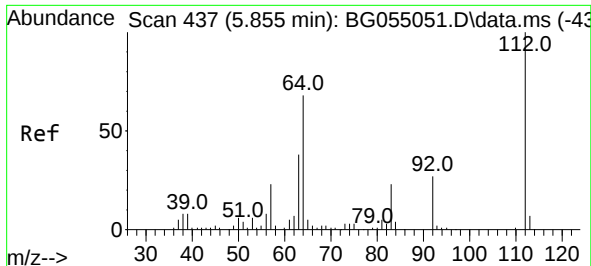


#4
n-Nitrosodimethylamine
Concen: 35.696 ng
RT: 4.004 min Scan# 122
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29



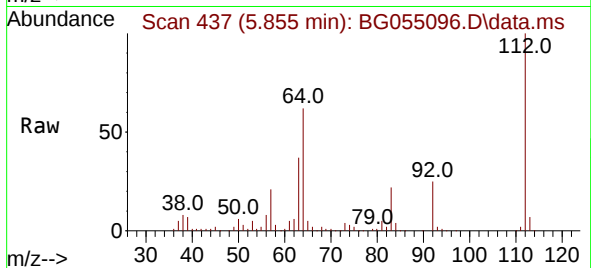
Tgt Ion: 42 Resp: 38685
Ion Ratio Lower Upper
42 100
74 112.8 82.6 124.0
44 7.9 7.0 10.6





#5
2-Fluorophenol
Concen: 174.254 ng
RT: 5.855 min Scan# 437
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

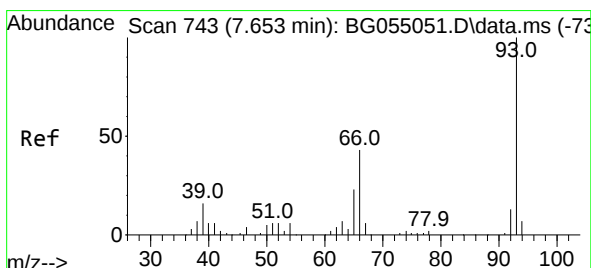
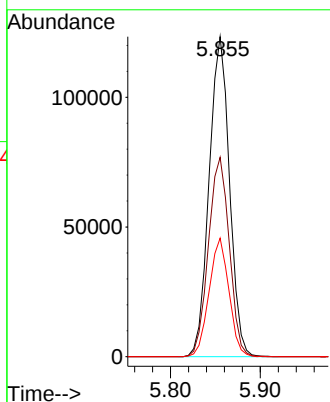
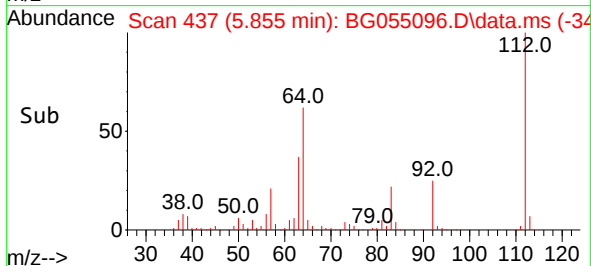
Instrument :
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Tgt Ion:112 Resp: 194084
Ion Ratio Lower Upper
112 100
64 62.3 54.5 81.7
63 37.1 30.5 45.7

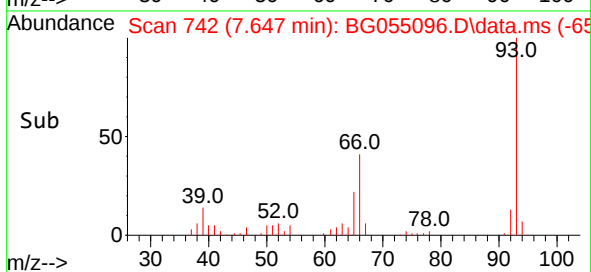
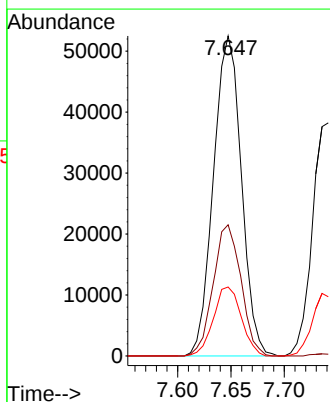
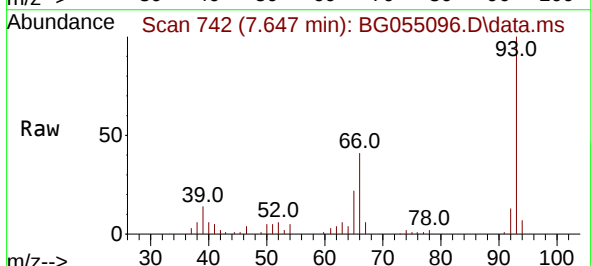
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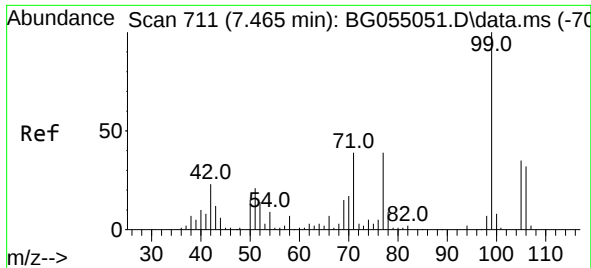
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#6
Aniline
Concen: 39.102 ng
RT: 7.647 min Scan# 742
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Tgt Ion: 93 Resp: 95476
Ion Ratio Lower Upper
93 100
66 41.0 34.6 52.0
65 21.6 18.2 27.2





#7

Phenol-d6

Concen: 160.242 ng

RT: 7.465 min Scan# 711

Delta R.T. 0.003 min

Lab File: BG055096.D

Acq: 7 Oct 2022 12:29

Instrument :

BNA_G

ClientSampleId :

PB148146BS

Tgt Ion: 99 Resp: 267410

Ion Ratio Lower Upper

99 100

42 21.9 18.6 28.0

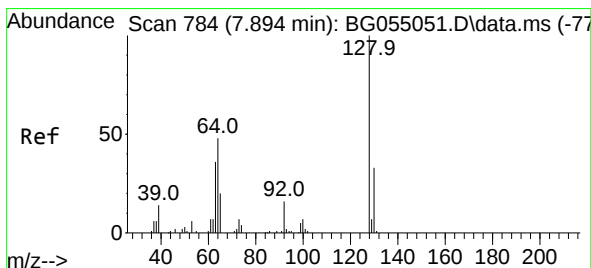
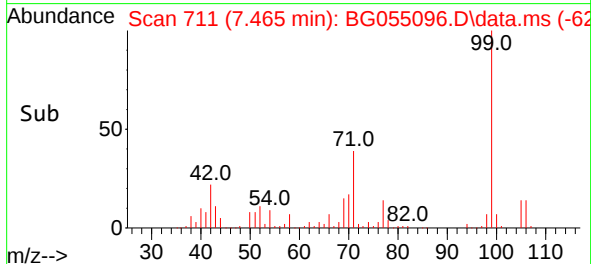
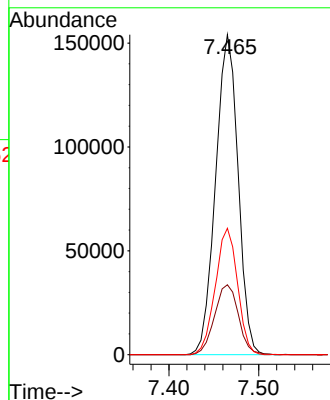
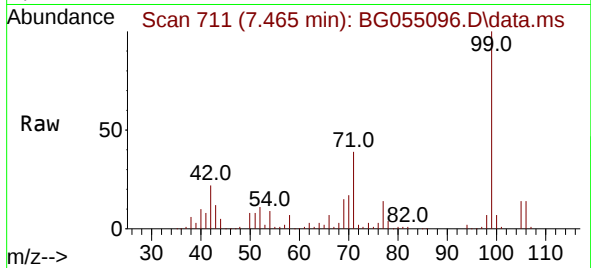
71 39.5 31.2 46.8

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#8

2-Chlorophenol

Concen: 57.773 ng

RT: 7.894 min Scan# 784

Delta R.T. 0.003 min

Lab File: BG055096.D

Acq: 7 Oct 2022 12:29

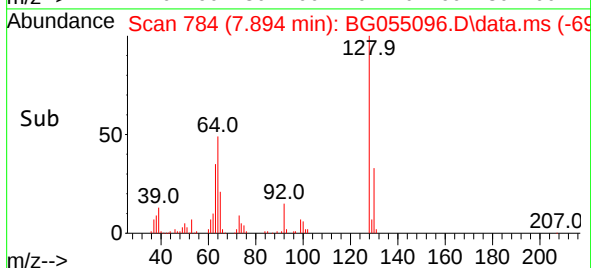
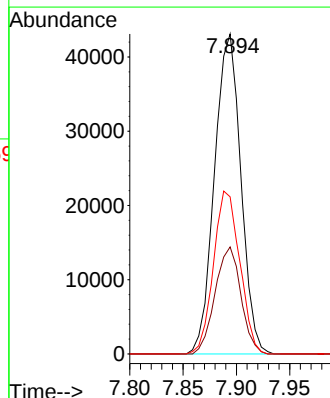
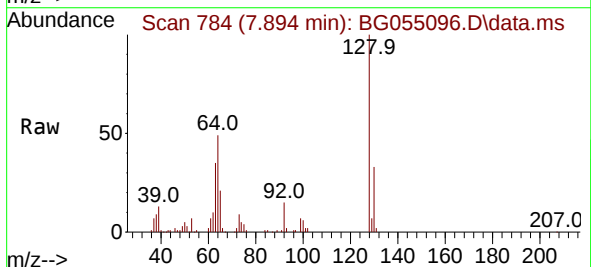
Tgt Ion:128 Resp: 74015

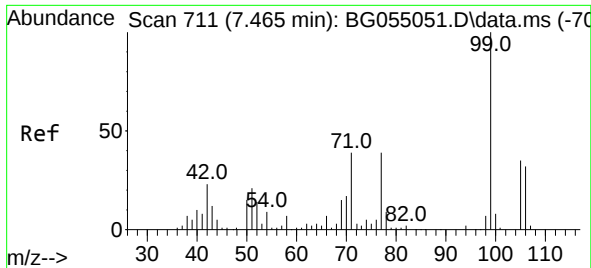
Ion Ratio Lower Upper

128 100

130 33.5 12.9 52.9

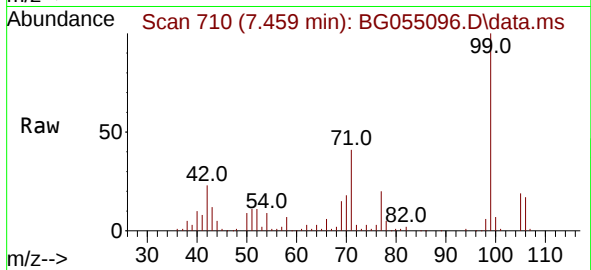
64 49.1 35.9 75.9





#9
Benzaldehyde
Concen: 34.725 ng
RT: 7.459 min Scan# 710
Delta R.T. -0.003 min
Lab File: BG055096.D
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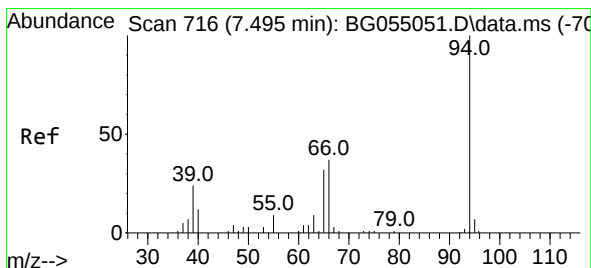
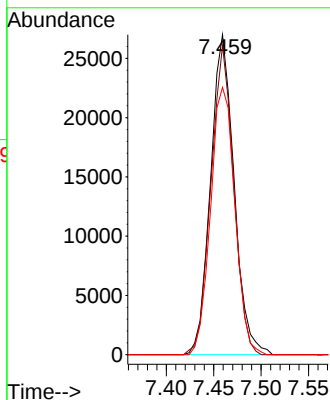
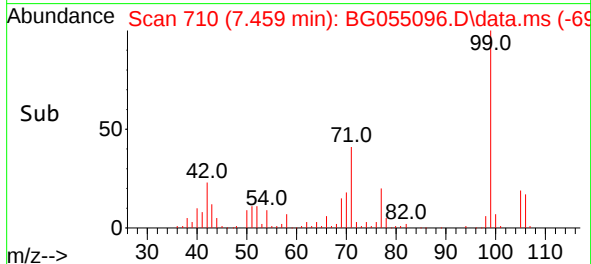
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Tgt Ion: 77 Resp: 46554
Ion Ratio Lower Upper
77 100
105 96.6 70.4 110.4
106 83.6 62.8 102.8

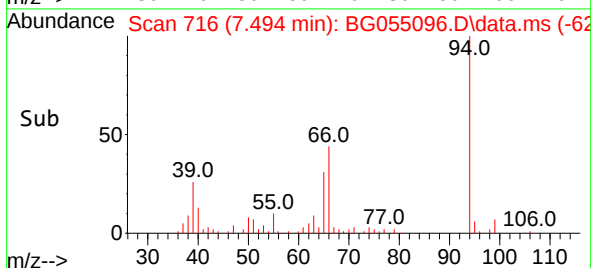
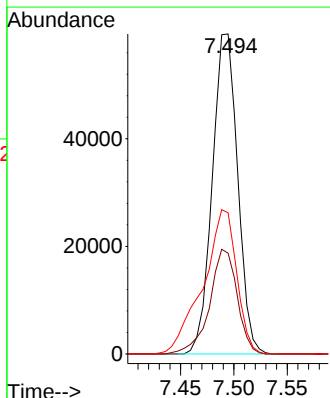
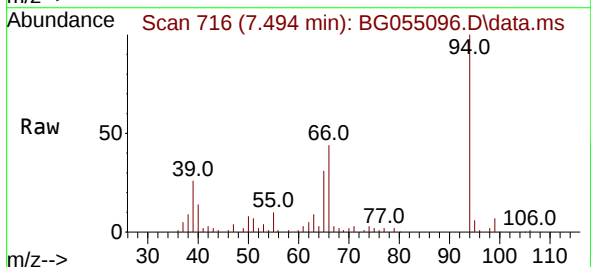
Manual Integrations
APPROVED

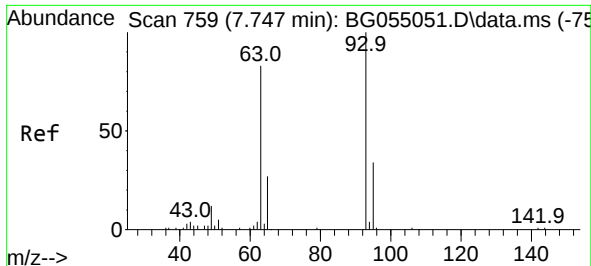
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#10
Phenol
Concen: 51.870 ng
RT: 7.494 min Scan# 716
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Tgt Ion: 94 Resp: 98367
Ion Ratio Lower Upper
94 100
65 31.5 11.8 51.8
66 44.1 19.3 59.3





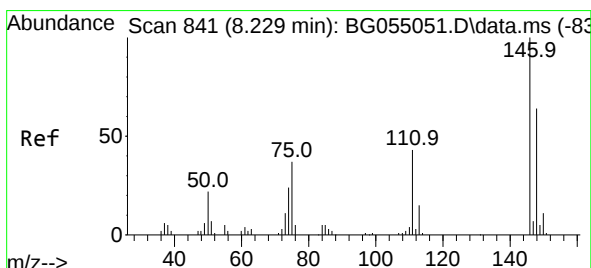
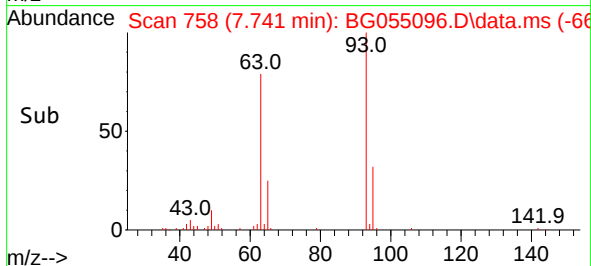
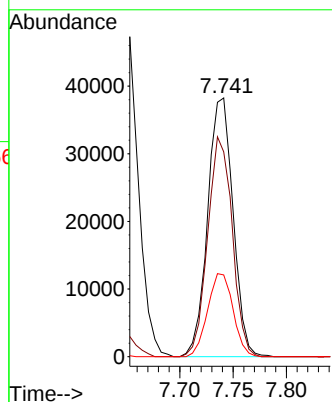
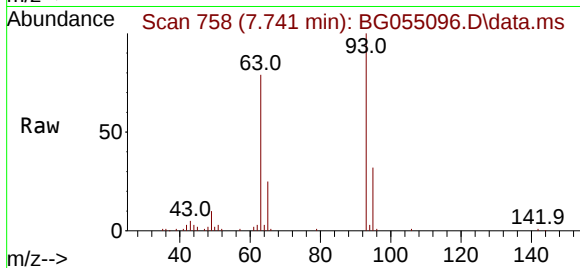
#11
bis(2-Chloroethyl)ether
Concen: 40.719 ng
RT: 7.741 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Instrument :
BNA_G
ClientSampleId :
PB148146BS

Tgt Ion: 93 Resp: 63290
Ion Ratio Lower Upper
93 100
63 79.2 62.5 102.5
95 31.6 13.6 53.6

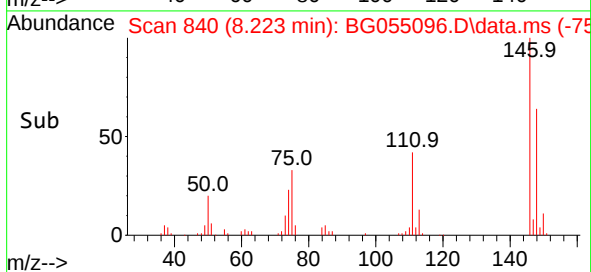
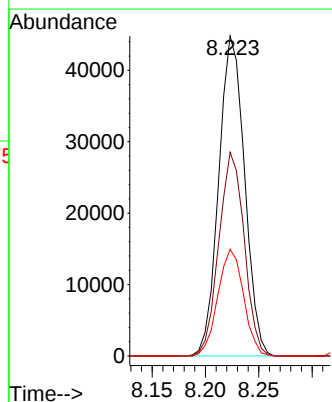
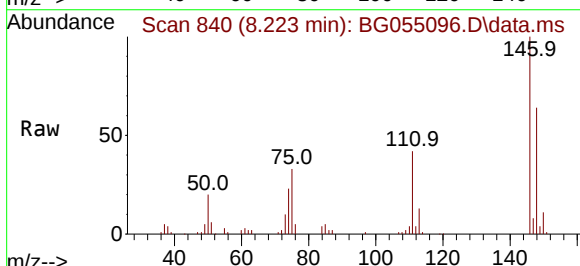
Manual Integrations
APPROVED

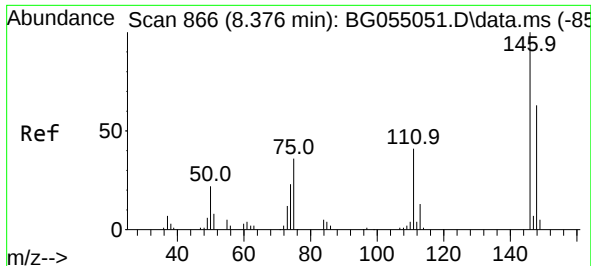
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#12
1,3-Dichlorobenzene
Concen: 42.803 ng
RT: 8.223 min Scan# 840
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

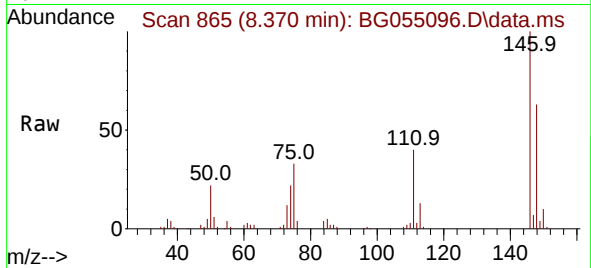
Tgt Ion:146 Resp: 75480
Ion Ratio Lower Upper
146 100
148 63.7 50.9 76.3
75 33.4 29.8 44.6





#13
1,4-Dichlorobenzene
Concen: 43.042 ng
RT: 8.370 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

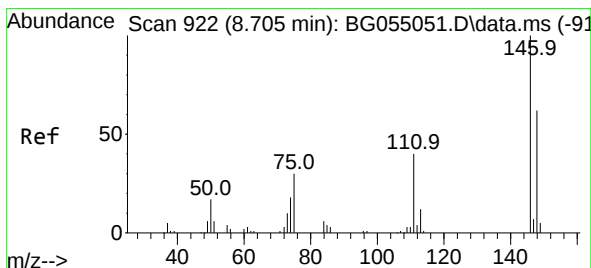
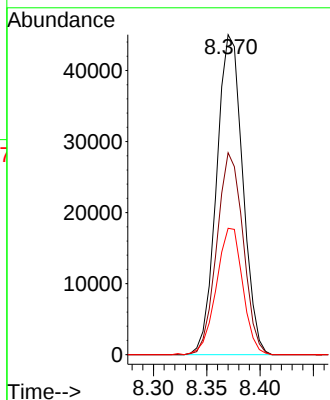
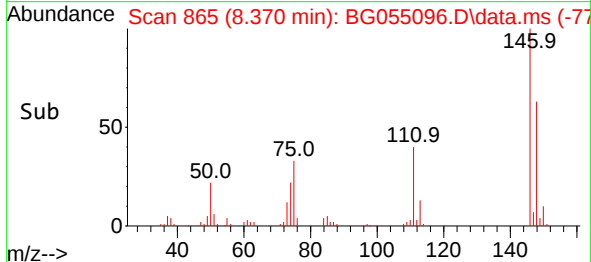
Instrument :
BNA_G
ClientSampleId :
PB148146BS



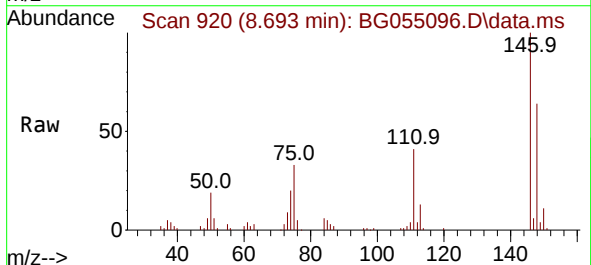
Tgt Ion:146 Resp: 7681
Ion Ratio Lower Upper
146 100
148 63.1 50.5 75.7
111 39.5 33.1 49.7

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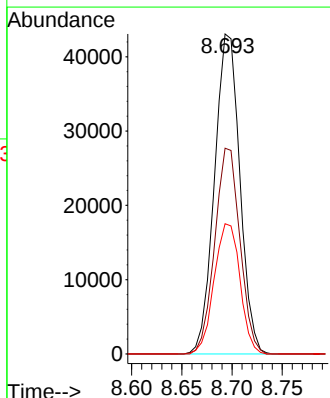
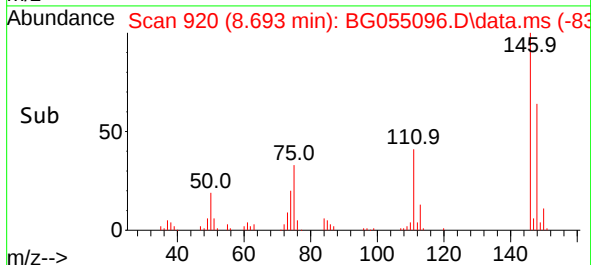
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

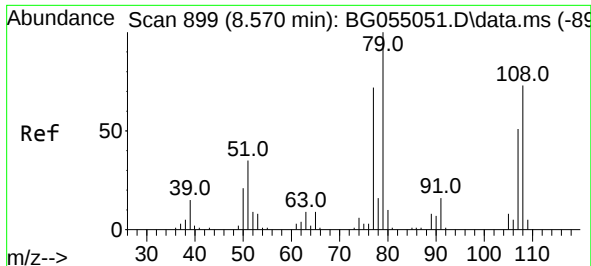


#14
1,2-Dichlorobenzene
Concen: 43.605 ng
RT: 8.693 min Scan# 920
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29



Tgt Ion:146 Resp: 75603
Ion Ratio Lower Upper
146 100
148 64.3 49.6 74.4
111 40.7 32.4 48.6





#15
Benzyl Alcohol
Concen: 52.059 ng
RT: 8.564 min Scan# 899
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Instrument :

BNA_G

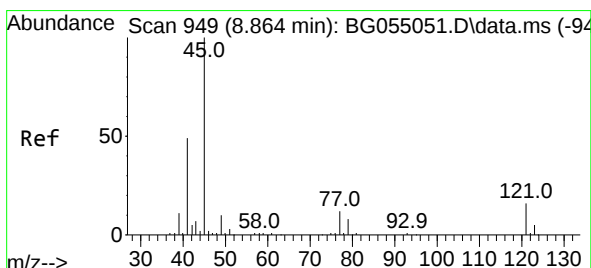
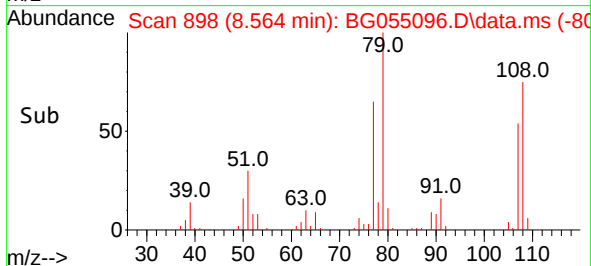
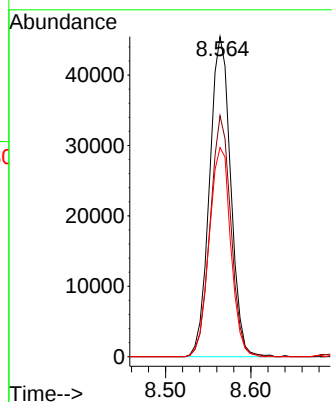
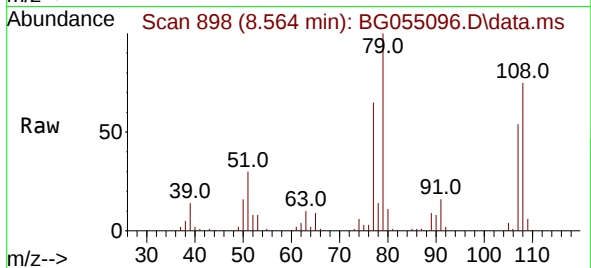
ClientSampleId :

PB148146BS

Tgt Ion: 79 Resp: 7803
Ion Ratio Lower Upper
79 100
108 75.3 58.6 87.8
77 65.4 57.8 86.6

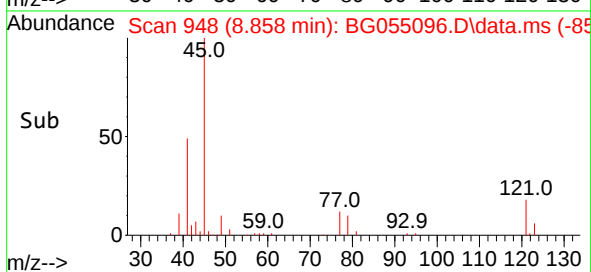
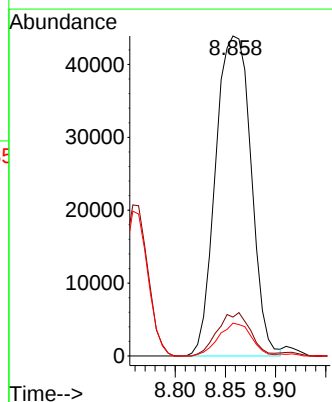
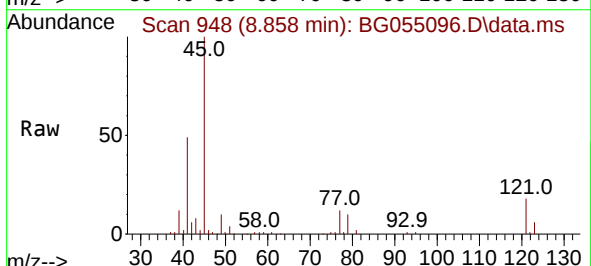
Manual Integrations
APPROVED

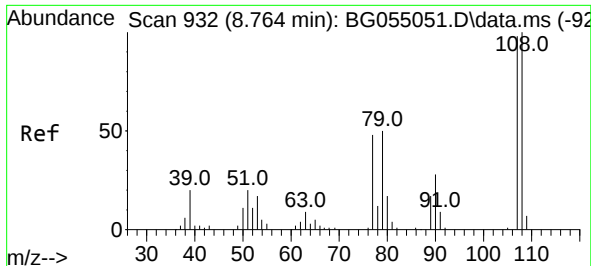
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.599 ng
RT: 8.858 min Scan# 948
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Tgt Ion: 45 Resp: 107751
Ion Ratio Lower Upper
45 100
77 12.2 0.0 32.1
79 10.2 0.0 28.7





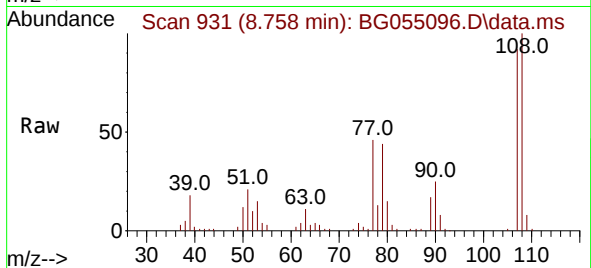
#17
2-Methylphenol
Concen: 52.332 ng
RT: 8.758 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Instrument :

BNA_G

ClientSampleId :

PB148146BS

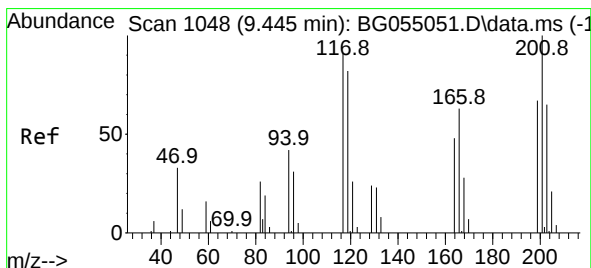
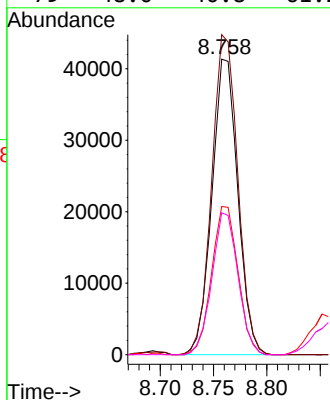
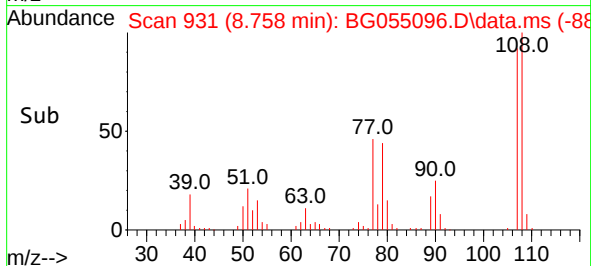


Tgt Ion:107 Resp: 6992
Ion Ratio Lower Upper
107 100
108 108.3 81.8 122.6
77 50.1 39.4 59.2
79 48.0 40.8 61.2

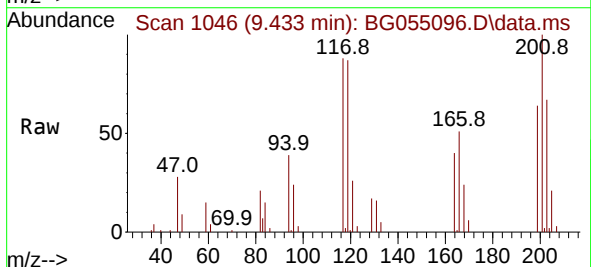
Manual Integrations

APPROVED

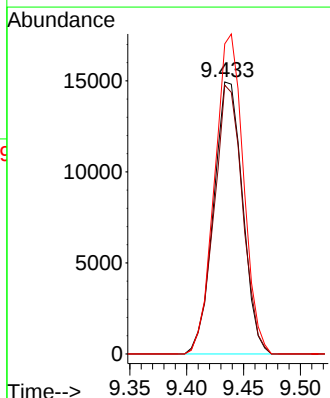
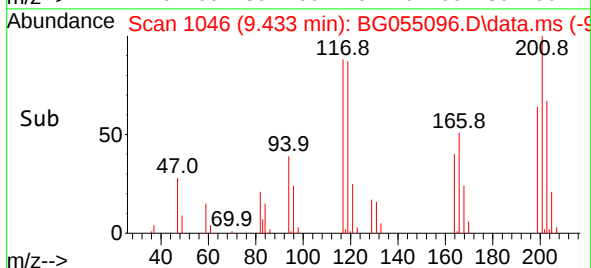
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

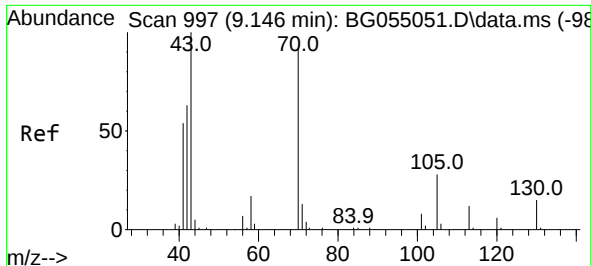


#18
Hexachloroethane
Concen: 46.715 ng
RT: 9.433 min Scan# 1046
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29



Tgt Ion:117 Resp: 26435
Ion Ratio Lower Upper
117 100
119 98.8 72.2 108.2
201 114.0 88.2 132.4





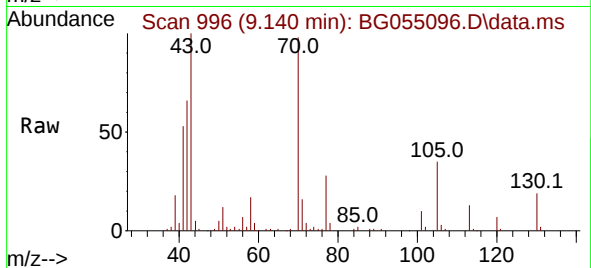
#19
n-Nitroso-di-n-propylamine
Concen: 38.385 ng
RT: 9.140 min Scan# 997
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Instrument :

BNA_G

ClientSampleId :

PB148146BS

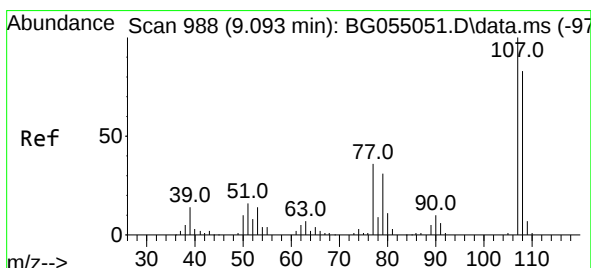
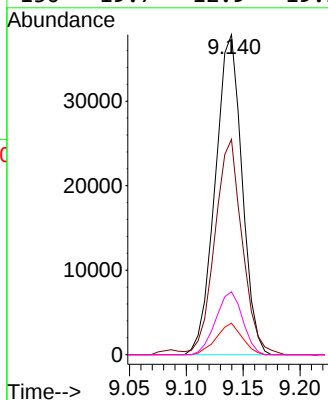
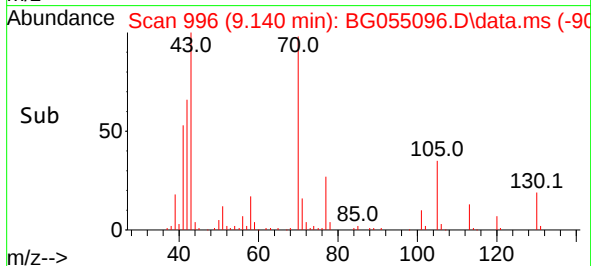


Tgt Ion: 70 Resp: 62050
Ion Ratio Lower Upper
70 100
42 67.3 55.8 83.6
101 9.8 7.1 10.7
130 19.7 12.9 19.3#

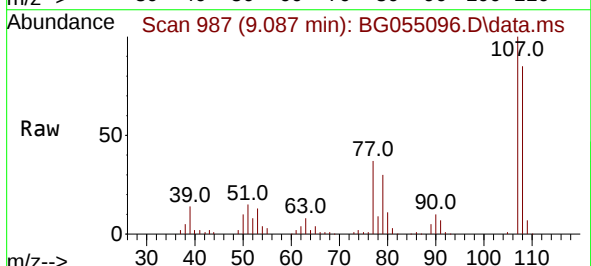
Manual Integrations

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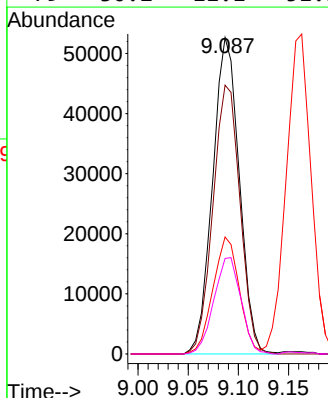
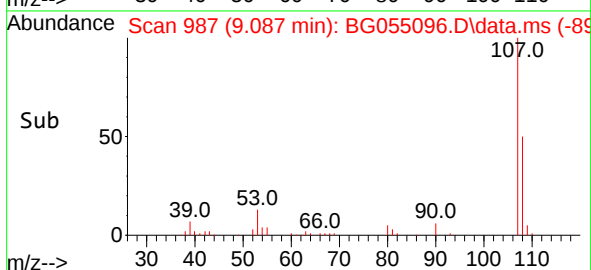
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

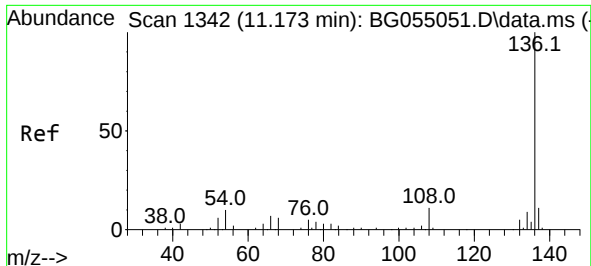


#20
3+4-Methylphenols
Concen: 52.163 ng
RT: 9.087 min Scan# 987
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29



Tgt Ion:107 Resp: 97061
Ion Ratio Lower Upper
107 100
108 85.0 63.4 103.4
77 37.0 16.9 56.9
79 30.2 11.1 51.1





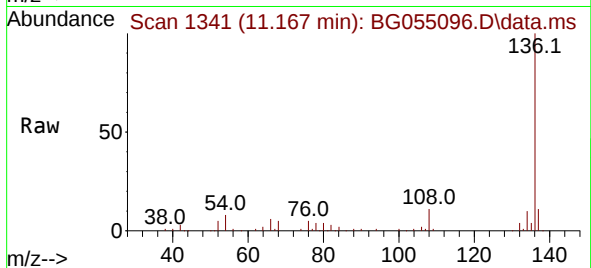
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Instrument :

BNA_G

ClientSampleId :

PB148146BS

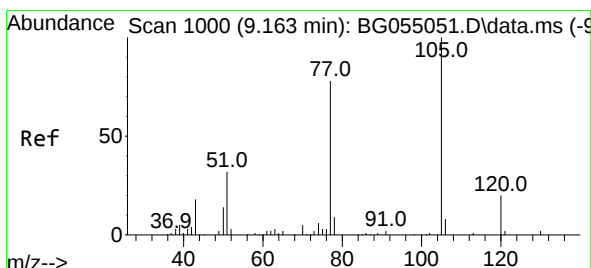
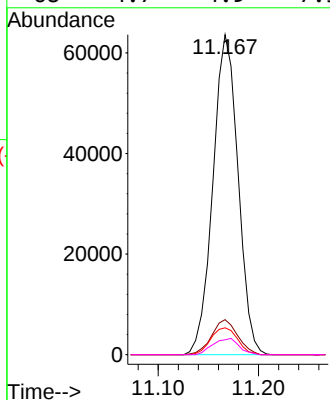
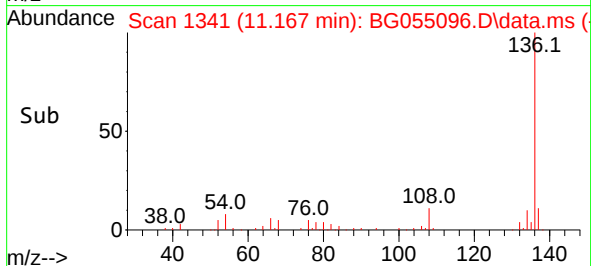


Tgt Ion:136 Resp: 11067
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.4 8.2 12.4
68 4.7 4.9 7.3#

Manual Integrations

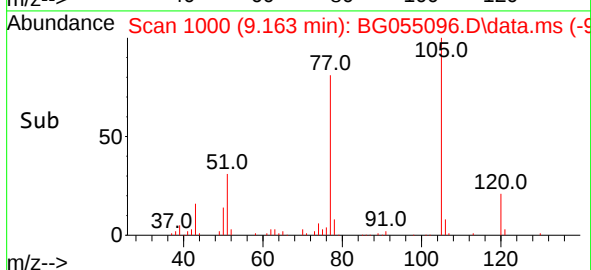
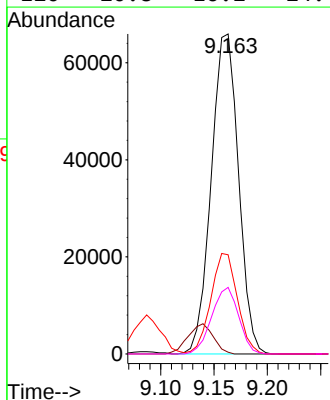
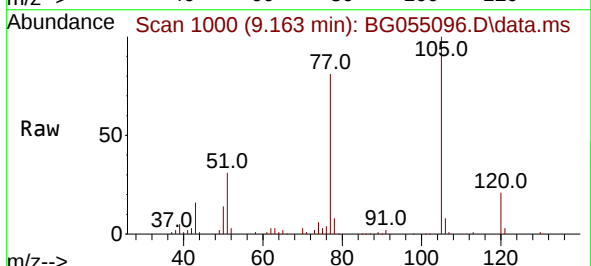
APPROVED

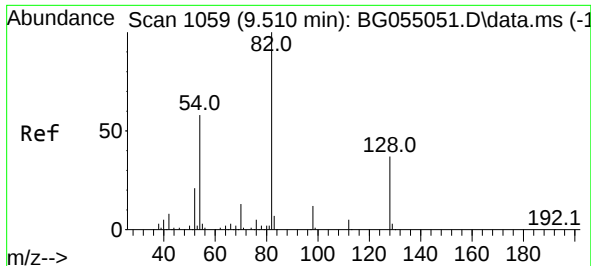
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#22
Acetophenone
Concen: 41.740 ng
RT: 9.163 min Scan# 1000
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Tgt Ion:105 Resp: 117145
Ion Ratio Lower Upper
105 100
71 0.6 1.4 2.2#
51 31.0 26.3 39.5
120 20.8 16.2 24.4





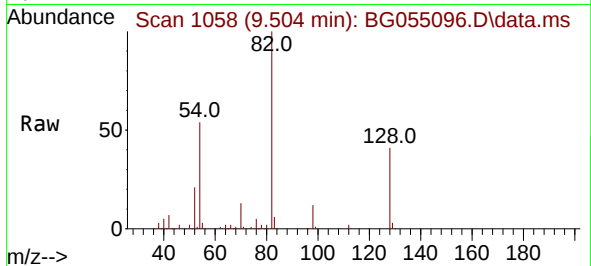
#23
Nitrobenzene-d5
Concen: 88.546 ng
RT: 9.504 min Scan# 1058
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Instrument :

BNA_G

ClientSampleId :

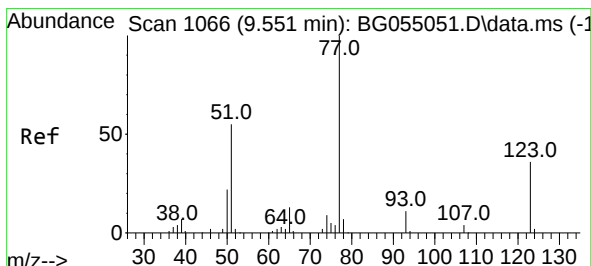
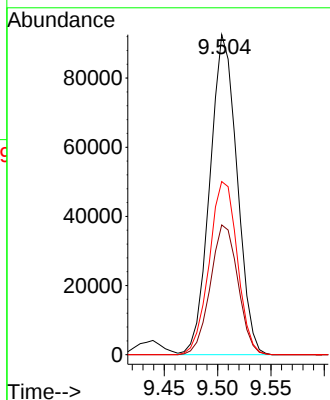
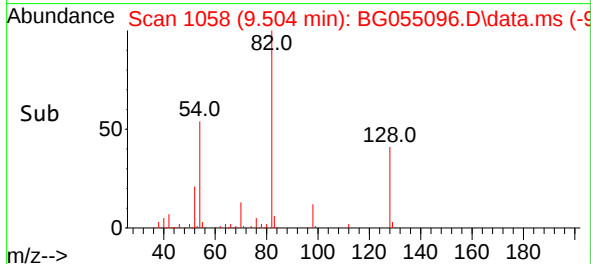
PB148146BS



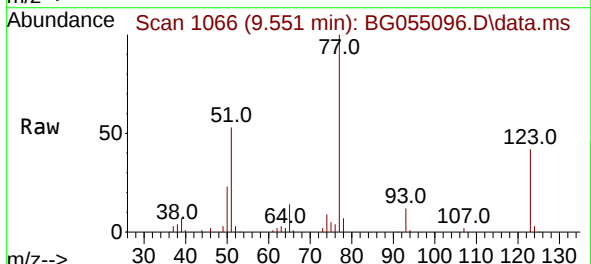
Tgt Ion: 82 Resp: 164000
Ion Ratio Lower Upper
82 100
128 40.6 29.5 44.3
54 54.1 46.7 70.1

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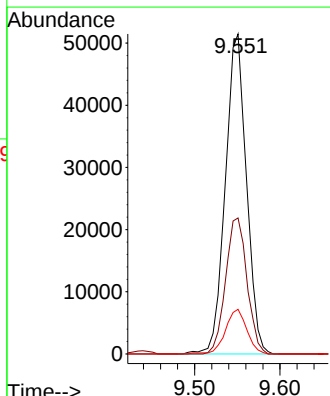
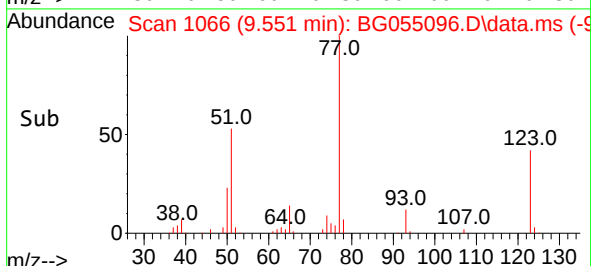
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

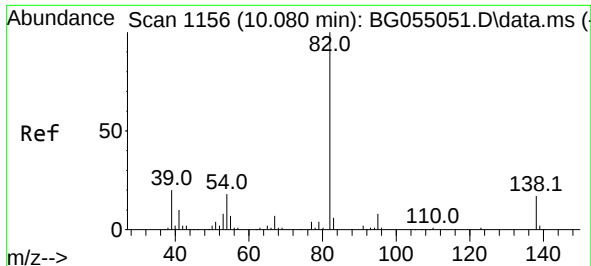


#24
Nitrobenzene
Concen: 43.916 ng
RT: 9.551 min Scan# 1066
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29



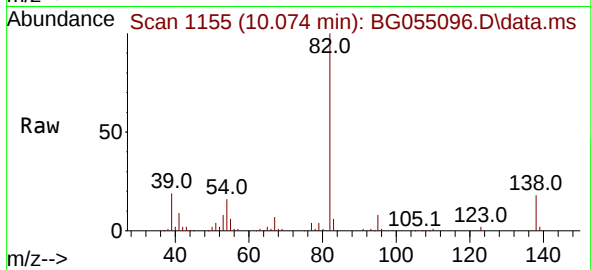
Tgt Ion: 77 Resp: 88319
Ion Ratio Lower Upper
77 100
123 42.5 28.6 42.8
65 13.9 10.5 15.7





#25
Isophorone
Concen: 44.069 ng
RT: 10.074 min Scan# 1155
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

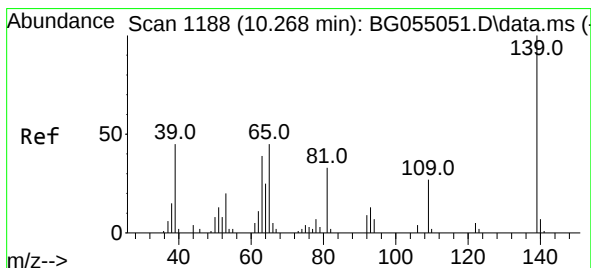
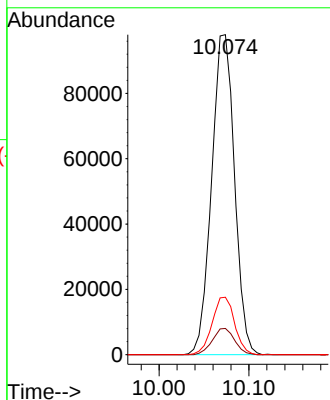
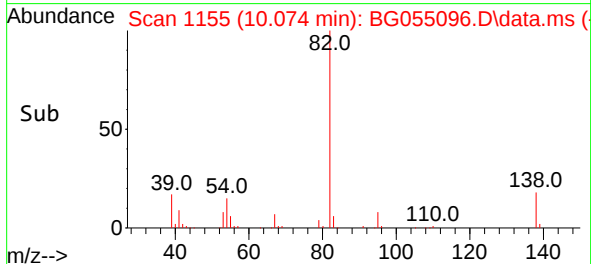
Instrument :
BNA_G
ClientSampleId :
PB148146BS



Tgt Ion: 82 Resp: 173474
Ion Ratio Lower Upper
82 100
95 8.2 6.2 9.4
138 17.9 13.4 20.0

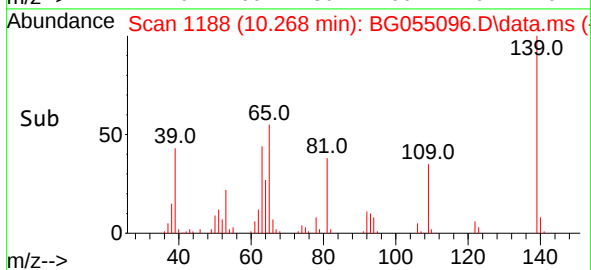
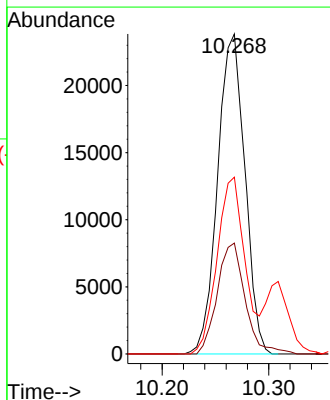
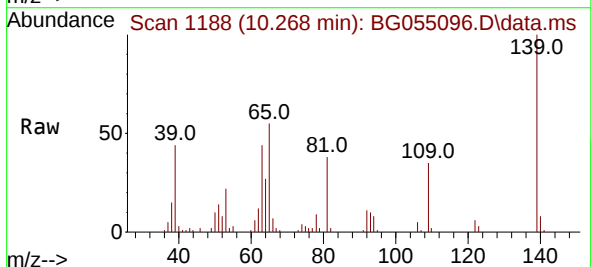
Manual Integrations
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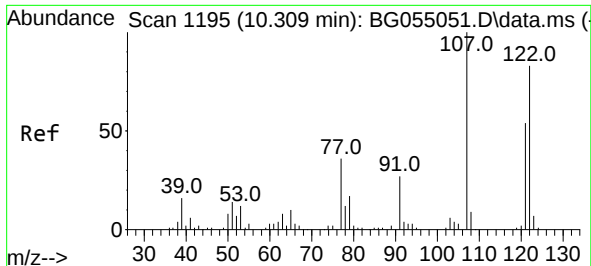
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#26
2-Nitrophenol
Concen: 72.009 ng
RT: 10.268 min Scan# 1188
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Tgt Ion:139 Resp: 42283
Ion Ratio Lower Upper
139 100
109 34.6 21.7 32.5#
65 55.2 36.4 54.6#





#27

2,4-Dimethylphenol

Concen: 61.550 ng

RT: 10.309 min Scan# 1195

Delta R.T. 0.003 min

Lab File: BG055096.D

Acq: 7 Oct 2022 12:29

Instrument :

BNA_G

ClientSampleId :

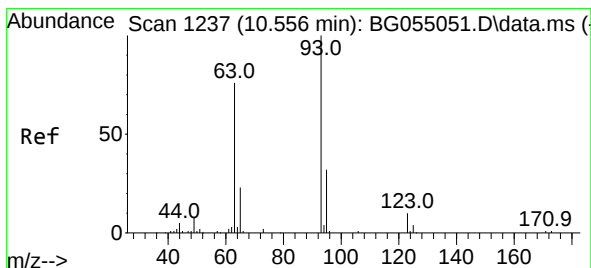
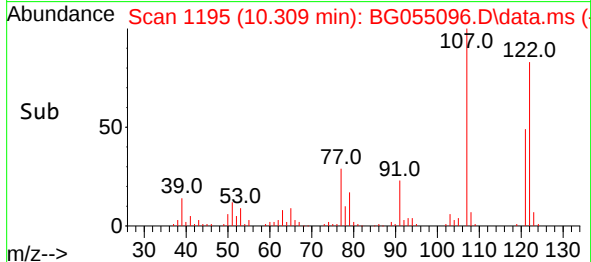
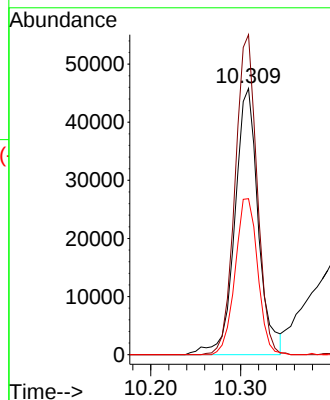
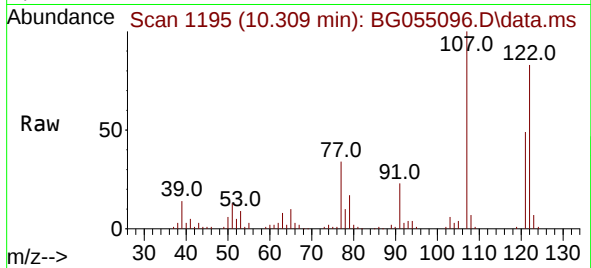
PB148146BS

Tgt Ion:122 Resp: 83058
 Ion Ratio Lower Upper
 122 100
 107 120.2 96.0 144.0
 121 58.6 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: 45.671 ng

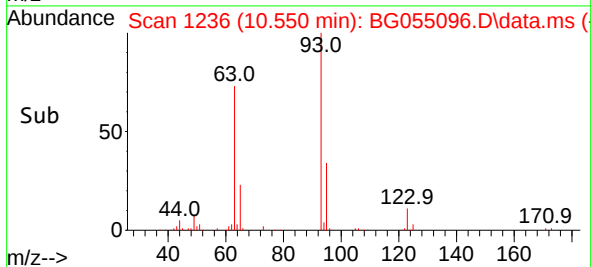
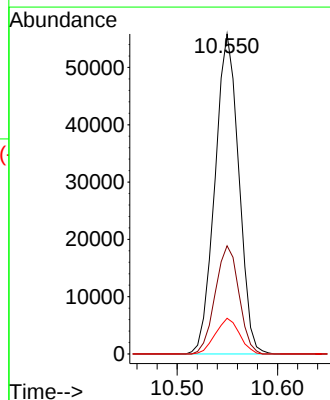
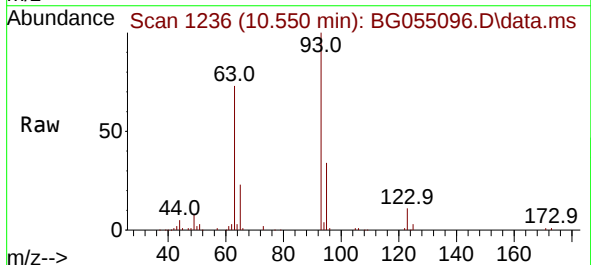
RT: 10.550 min Scan# 1236

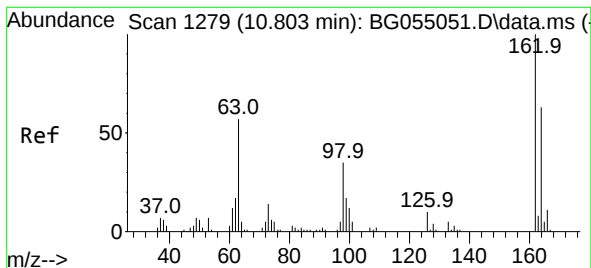
Delta R.T. -0.003 min

Lab File: BG055096.D

Acq: 7 Oct 2022 12:29

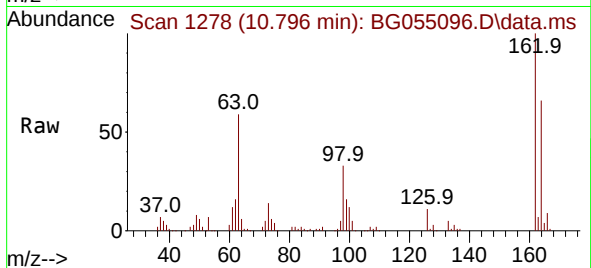
Tgt Ion: 93 Resp: 91993
 Ion Ratio Lower Upper
 93 100
 95 33.8 25.6 38.4
 123 11.1 7.7 11.5





#29
2,4-Dichlorophenol
Concen: 50.231 ng
RT: 10.796 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

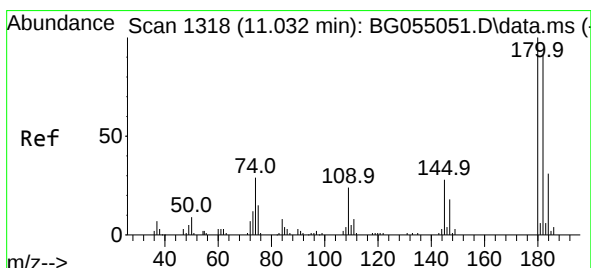
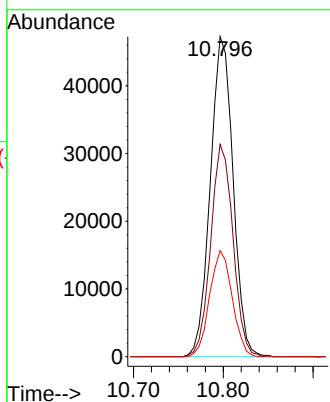
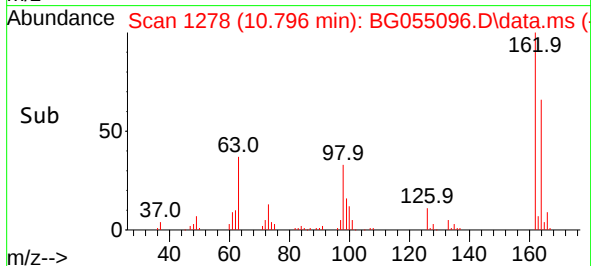
Instrument :
BNA_G
ClientSampleId :
PB148146BS



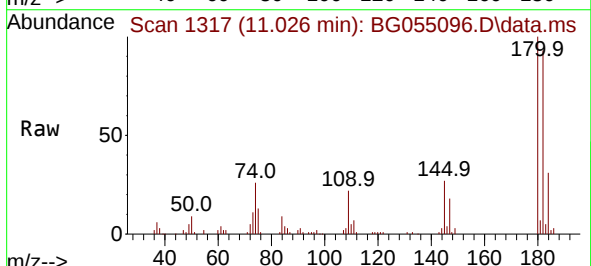
Tgt Ion:162 Resp: 8322
Ion Ratio Lower Upper
162 100
164 66.3 42.9 82.9
98 33.1 14.7 54.7

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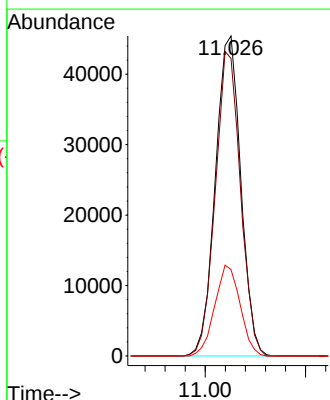
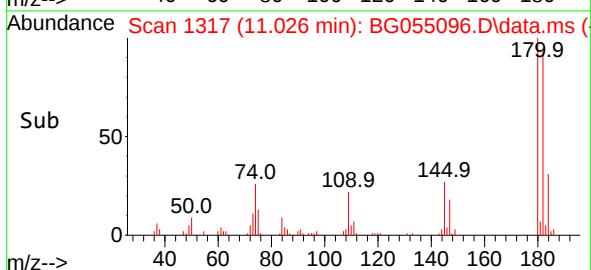
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

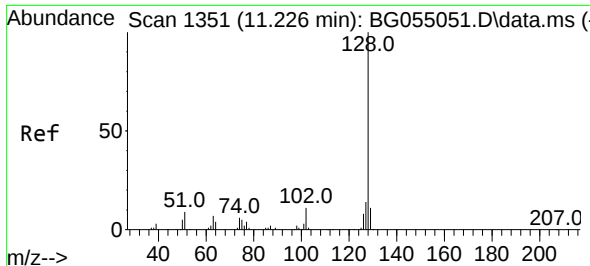


#30
1,2,4-Trichlorobenzene
Concen: 41.261 ng
RT: 11.026 min Scan# 1317
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29



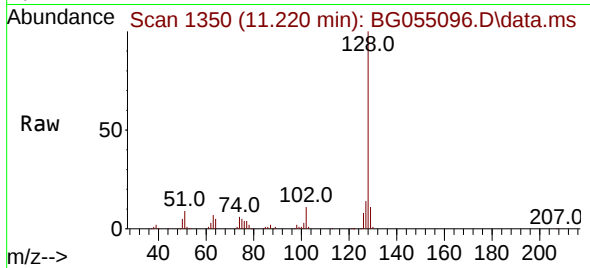
Tgt Ion:180 Resp: 79752
Ion Ratio Lower Upper
180 100
182 93.0 72.6 109.0
145 27.0 22.5 33.7





#31
Naphthalene
Concen: 40.148 ng
RT: 11.220 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

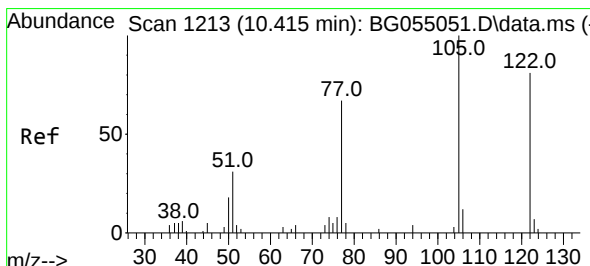
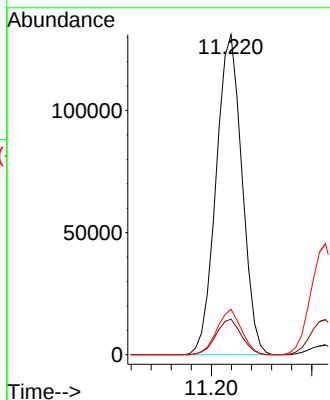
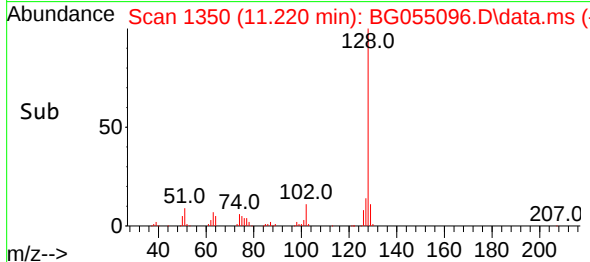
Instrument :
BNA_G
ClientSampleId :
PB148146BS



Tgt Ion:128 Resp: 234500
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 14.2 10.9 16.3

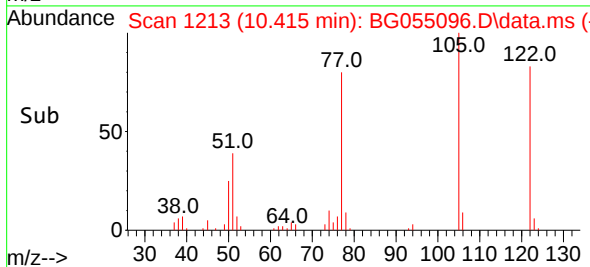
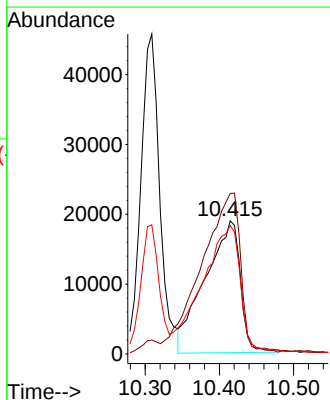
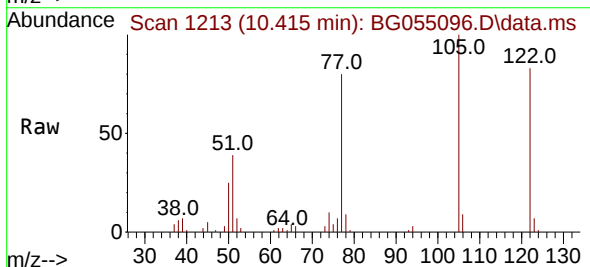
Manual Integrations
APPROVED

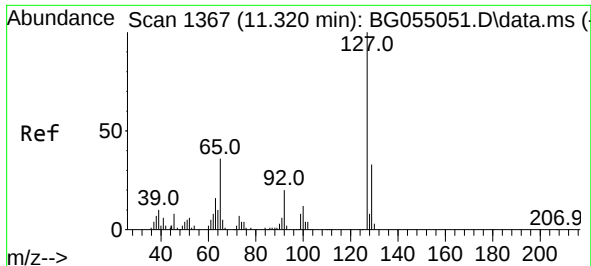
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#32
Benzoic acid
Concen: 64.638 ng
RT: 10.415 min Scan# 1213
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Tgt Ion:122 Resp: 61998
Ion Ratio Lower Upper
122 100
105 120.6 98.8 138.8
77 96.6 65.2 105.2





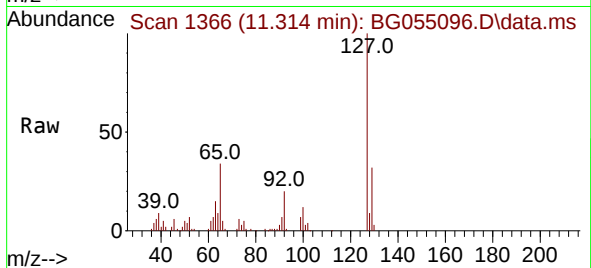
#33
4-Chloroaniline
Concen: 33.437 ng
RT: 11.314 min Scan# 11366
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Instrument :

BNA_G

ClientSampleId :

PB148146BS

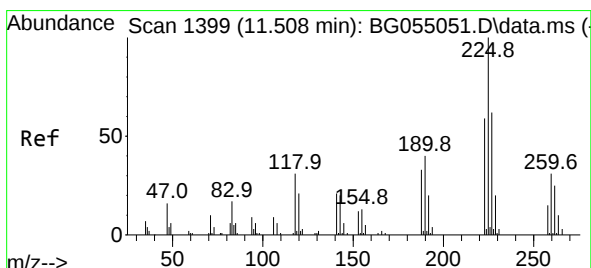
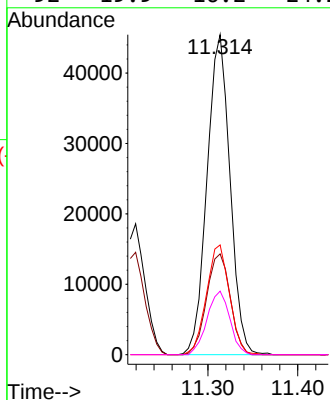
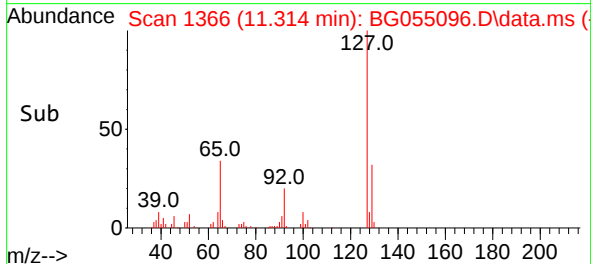


Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.4	39.6
65	34.3	28.6	43.0
92	19.9	16.2	24.2

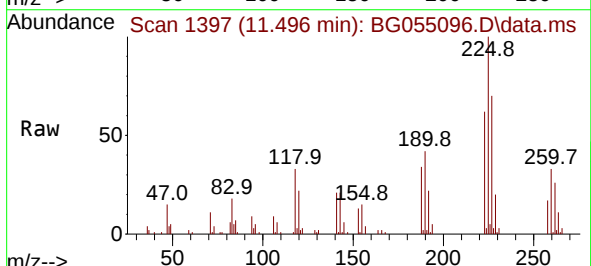
Manual Integrations

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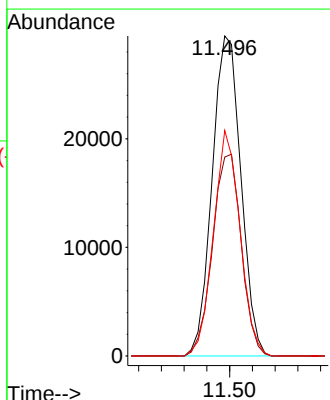
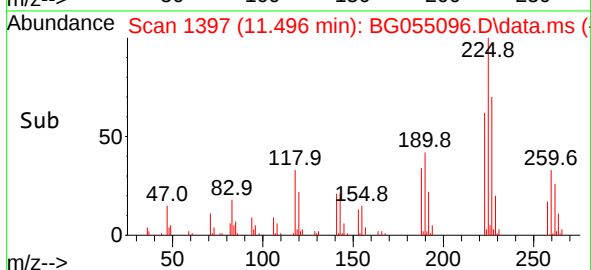
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

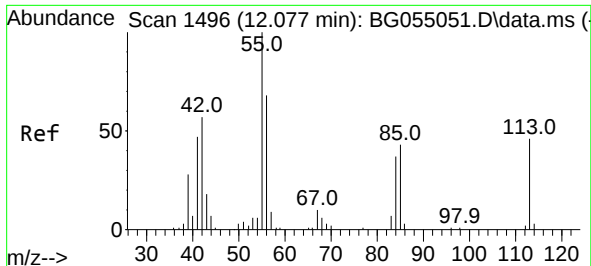


#34
Hexachlorobutadiene
Concen: 41.246 ng
RT: 11.496 min Scan# 1397
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29



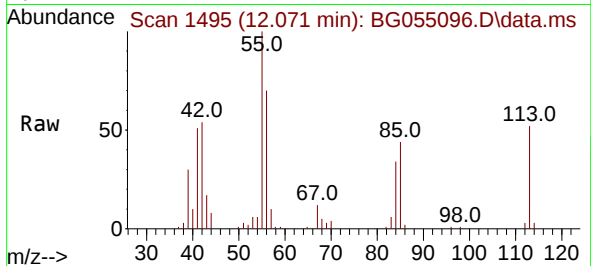
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	47.5	71.3
227	70.4	49.8	74.8





#35
Caprolactam
Concen: 62.361 ng m
RT: 12.071 min Scan# 1496
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

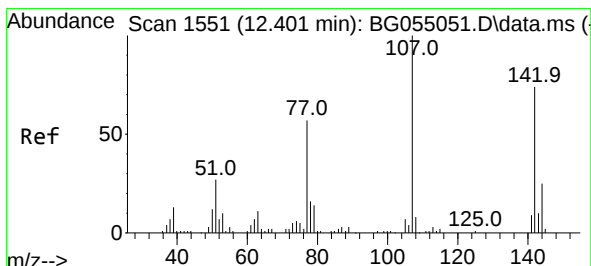
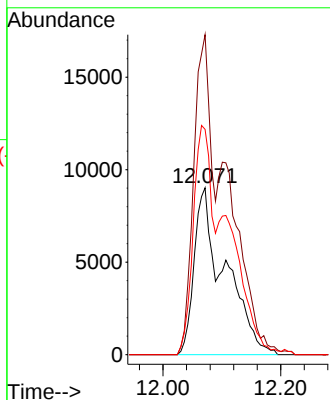
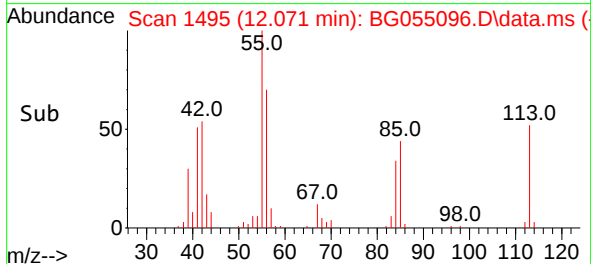
Instrument :
BNA_G
ClientSampleId :
PB148146BS



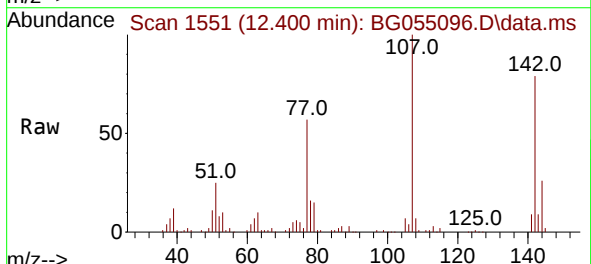
Tgt Ion:113 Resp: 3273
Ion Ratio Lower Upper
113 100
55 191.7 199.4 239.4
56 134.9 130.0 170.0

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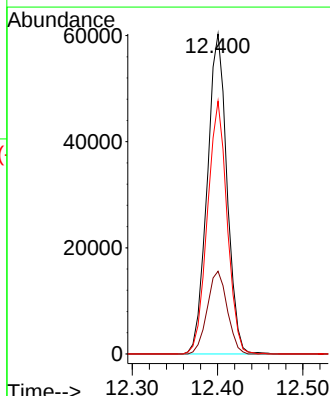
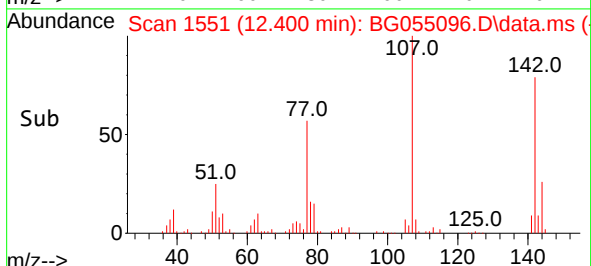
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

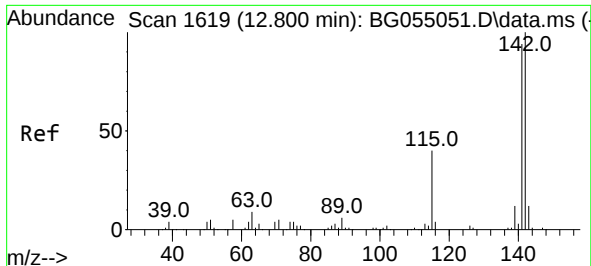


#36
4-Chloro-3-methylphenol
Concen: 51.381 ng
RT: 12.400 min Scan# 1551
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29



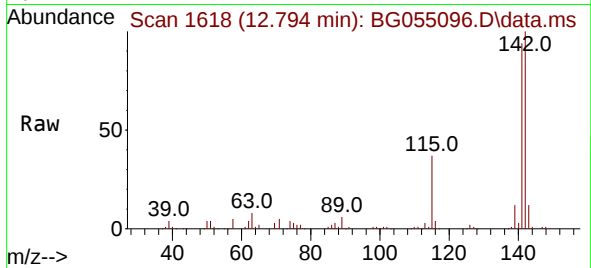
Tgt Ion:107 Resp: 97246
Ion Ratio Lower Upper
107 100
144 25.8 19.7 29.5
142 79.0 59.3 88.9





#37
2-Methylnaphthalene
Concen: 41.245 ng
RT: 12.794 min Scan# 1618
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

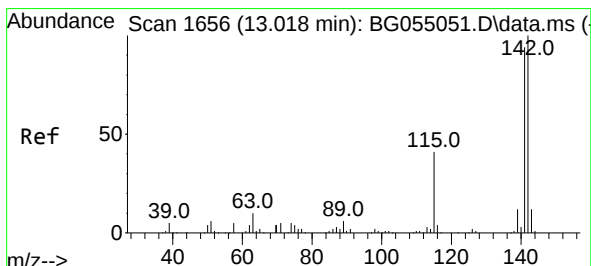
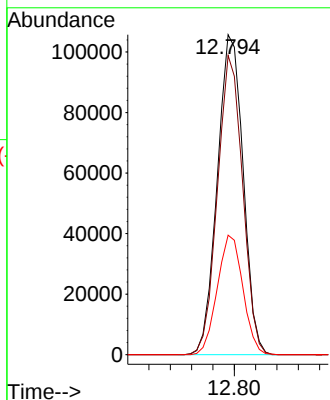
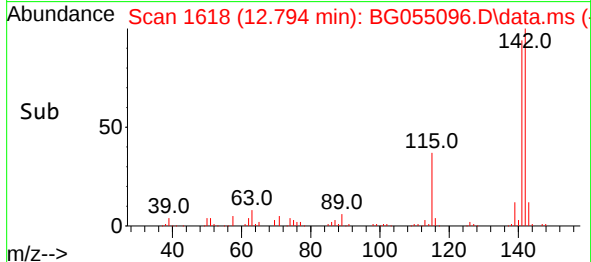
Instrument :
BNA_G
ClientSampleId :
PB148146BS



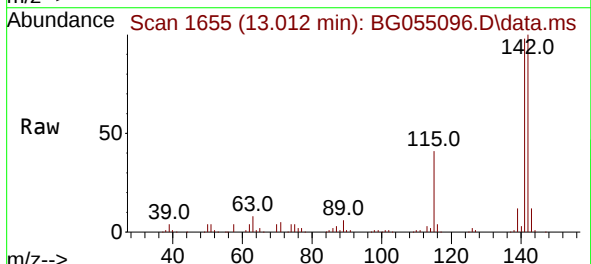
Tgt Ion:142 Resp: 177540
Ion Ratio Lower Upper
142 100
141 93.5 75.0 112.4
115 37.4 31.7 47.5

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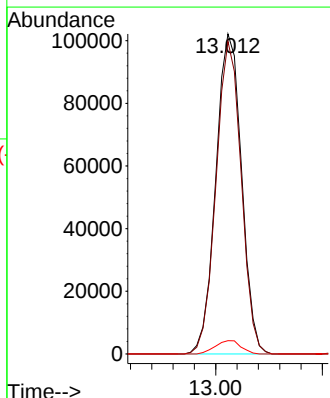
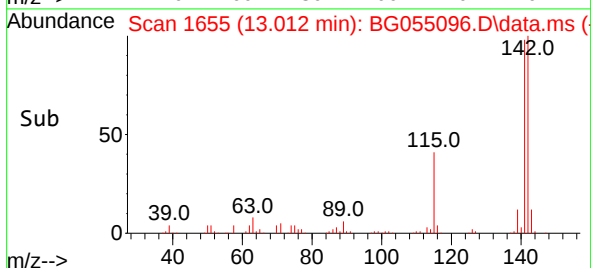
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

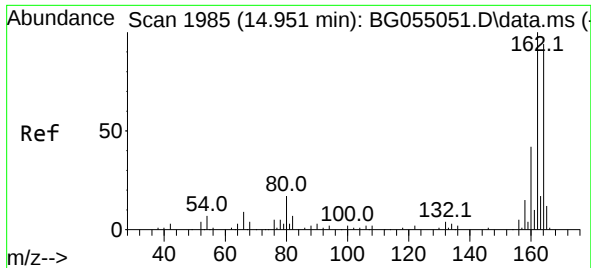


#38
1-Methylnaphthalene
Concen: 40.830 ng
RT: 13.012 min Scan# 1655
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29



Tgt Ion:142 Resp: 170955
Ion Ratio Lower Upper
142 100
141 97.6 75.5 113.3
116 4.2 3.4 5.2





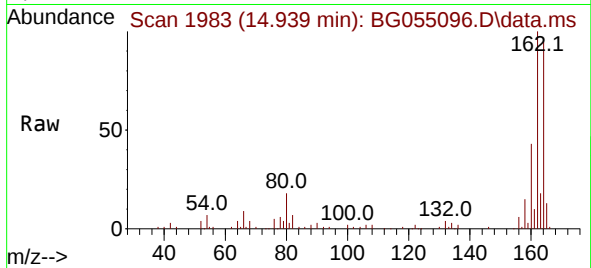
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.939 min Scan# 1985
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Instrument :

BNA_G

ClientSampleId :

PB148146BS

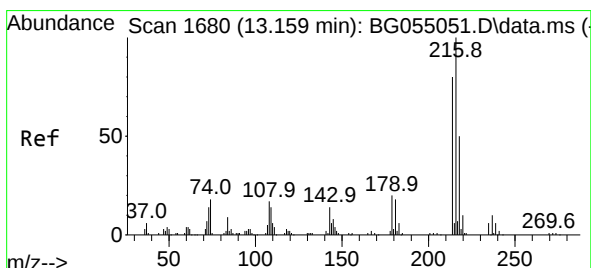
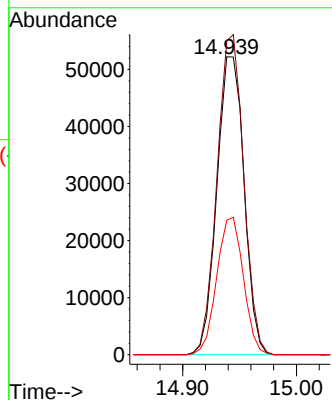
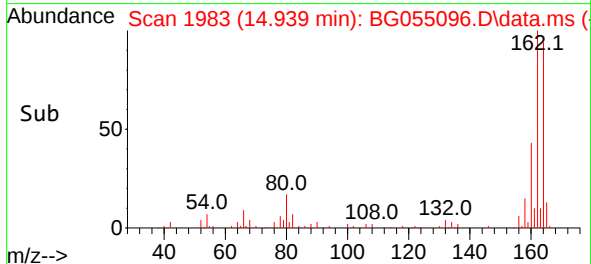


Tgt Ion:164 Resp: 86710
Ion Ratio Lower Upper
164 100
162 105.4 85.5 128.3
160 45.1 35.5 53.3

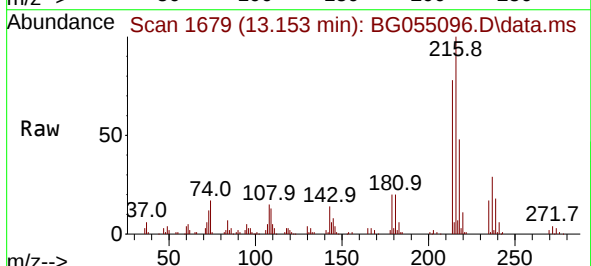
Manual Integrations

APPROVED

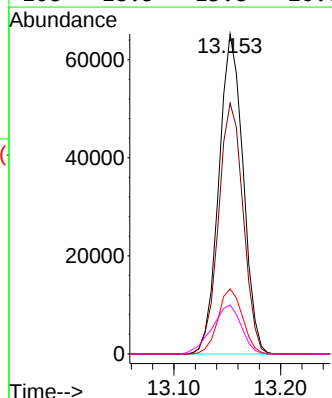
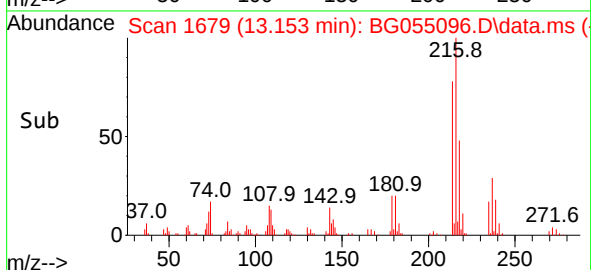
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

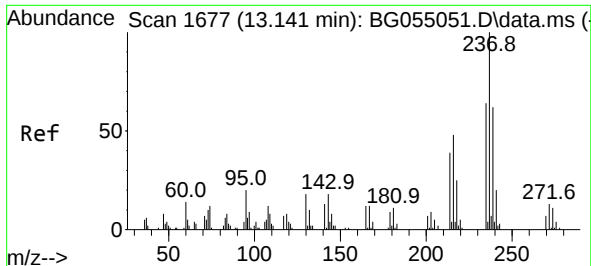


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.648 ng
RT: 13.153 min Scan# 1679
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29



Tgt Ion:216 Resp: 102918
Ion Ratio Lower Upper
216 100
214 79.8 63.4 95.2
179 20.5 15.9 23.9
108 18.5 13.8 20.6





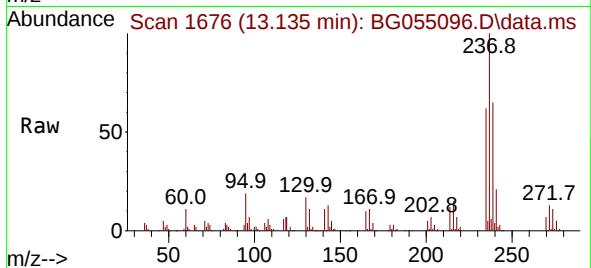
#41
Hexachlorocyclopentadiene
Concen: 124.743 ng
RT: 13.135 min Scan# 10
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Instrument :

BNA_G

ClientSampleId :

PB148146BS

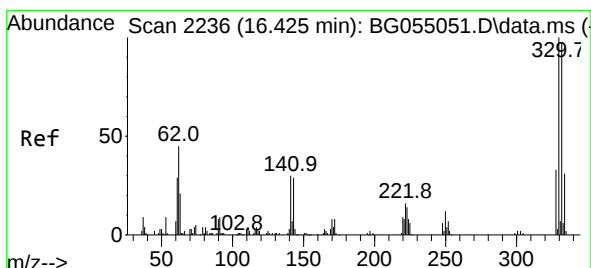
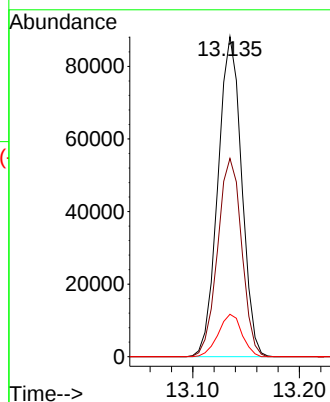
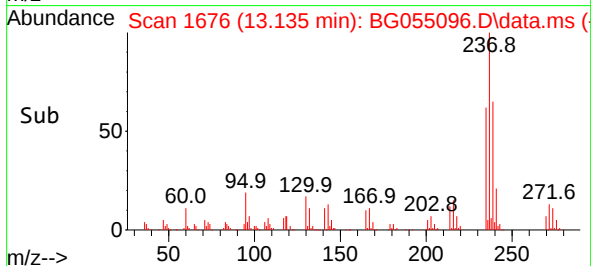


Tgt Ion:237 Resp: 136009
Ion Ratio Lower Upper
237 100
235 62.0 43.8 83.8
272 13.2 0.0 32.7

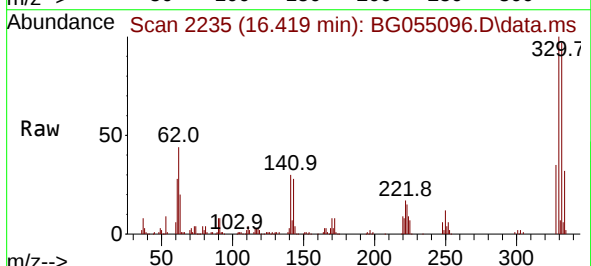
Manual Integrations

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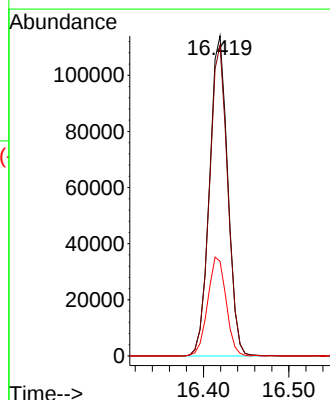
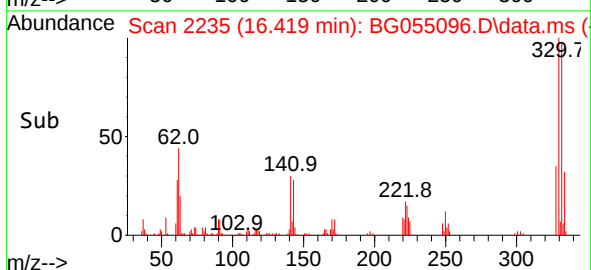
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

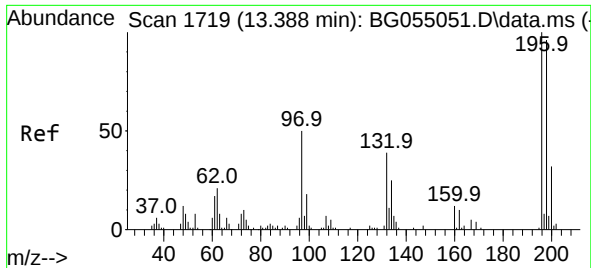


#42
2,4,6-Tribromophenol
Concen: 184.174 ng
RT: 16.419 min Scan# 2235
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29



Tgt Ion:330 Resp: 168449
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 31.3 25.0 37.4





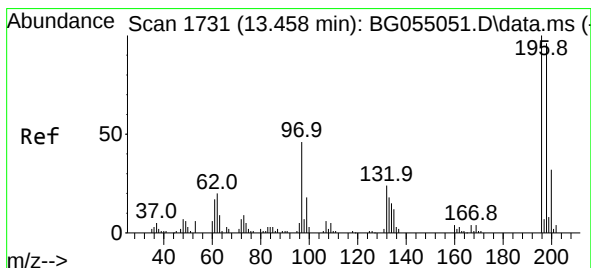
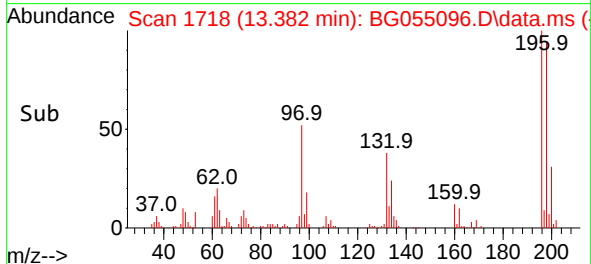
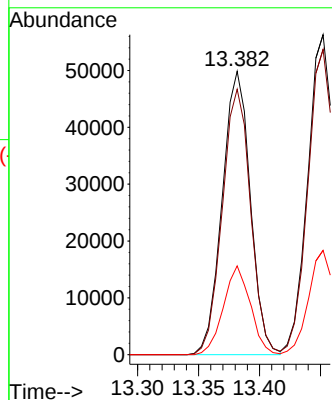
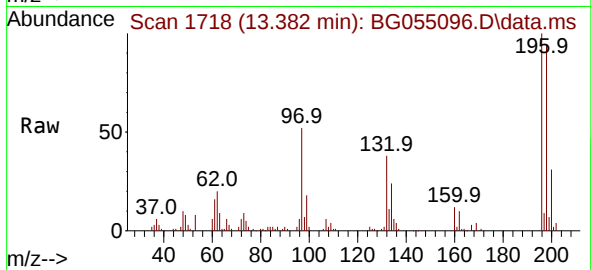
#43
2,4,6-Trichlorophenol
Concen: 51.618 ng
RT: 13.382 min Scan# 1719
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Instrument :
BNA_G
ClientSampleId :
PB148146BS

Tgt Ion:196 Resp: 8009
Ion Ratio Lower Upper
196 100
198 93.7 76.5 114.7
200 31.3 25.6 38.4

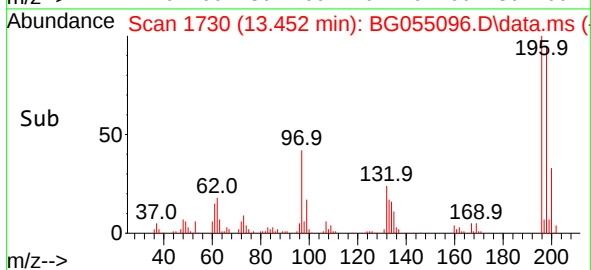
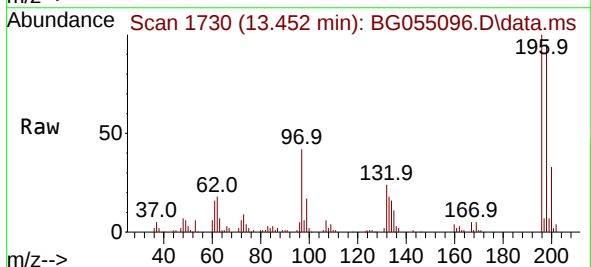
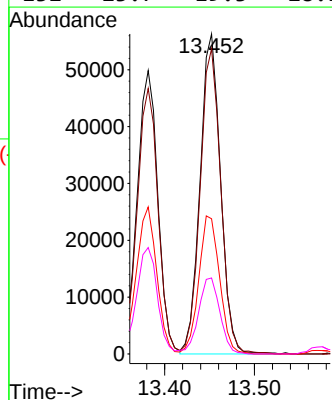
Manual Integrations
APPROVED

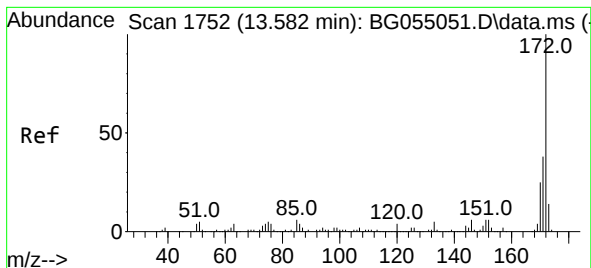
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#44
2,4,5-Trichlorophenol
Concen: 51.017 ng
RT: 13.452 min Scan# 1730
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

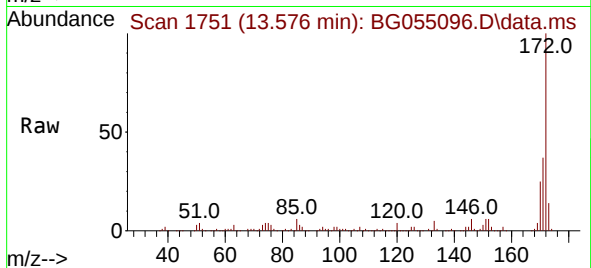
Tgt Ion:196 Resp: 89275
Ion Ratio Lower Upper
196 100
198 95.4 76.8 115.2
97 42.2 37.1 55.7
132 23.7 19.3 28.9





#45
2-Fluorobiphenyl
Concen: 77.363 ng
RT: 13.576 min Scan# 1751
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

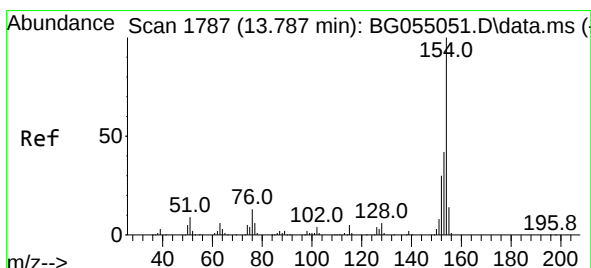
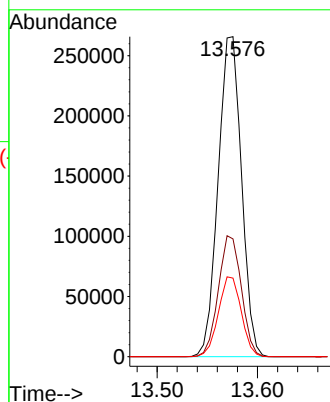
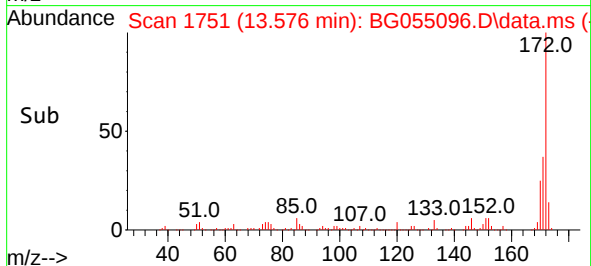
Instrument :
BNA_G
ClientSampleId :
PB148146BS



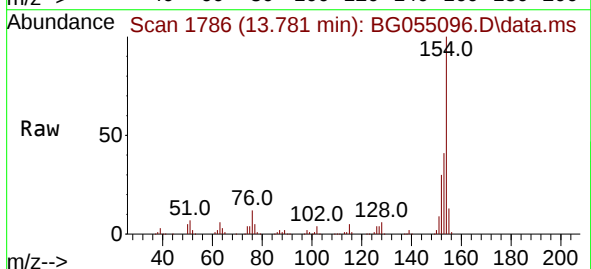
Tgt Ion:172 Resp: 429728
Ion Ratio Lower Upper
172 100
171 36.8 30.1 45.1
170 24.5 20.0 30.0

Manual Integrations
APPROVED

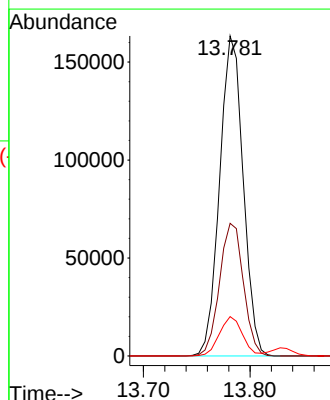
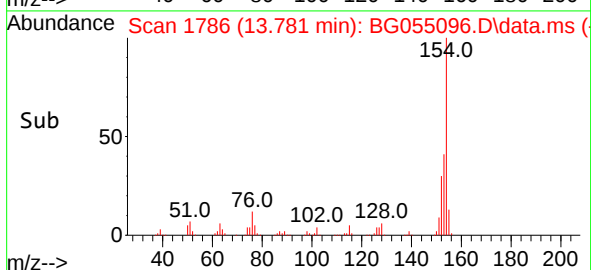
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

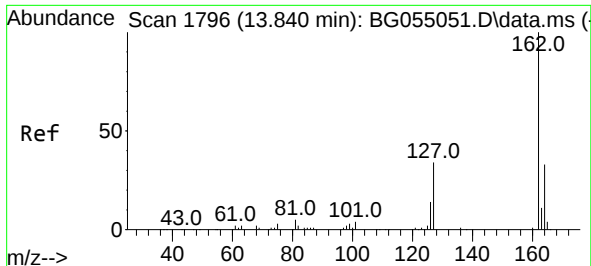


#46
1,1'-Biphenyl
Concen: 42.009 ng
RT: 13.781 min Scan# 1786
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29



Tgt Ion:154 Resp: 249765
Ion Ratio Lower Upper
154 100
153 41.5 22.0 62.0
76 12.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 40.319 ng

RT: 13.828 min Scan# 1794

Delta R.T. -0.003 min

Lab File: BG055096.D

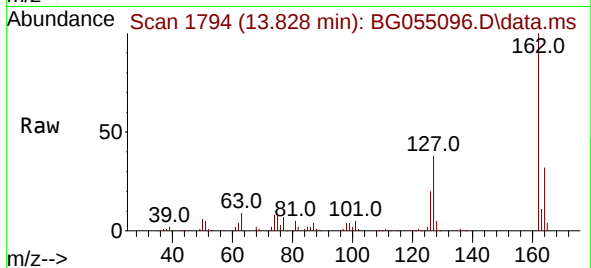
Acq: 7 Oct 2022 12:29

Instrument :

BNA_G

ClientSampleId :

PB148146BS



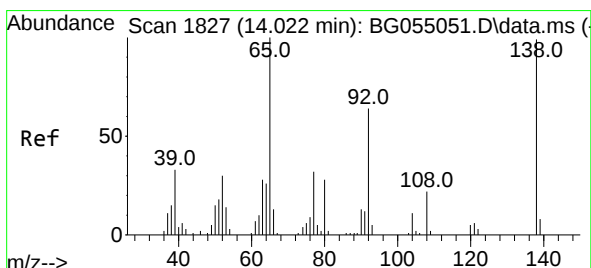
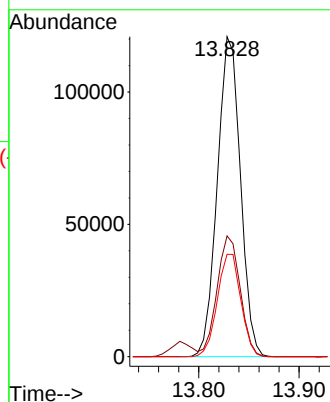
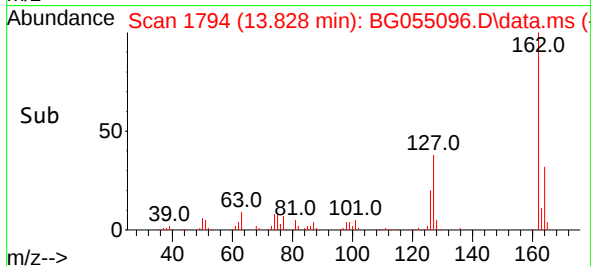
Tgt Ion:	162	Resp:	19316
Ion Ratio	Lower	Upper	
162	100		
127	37.8	30.7	46.1
164	32.0	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/10/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#48

2-Nitroaniline

Concen: 52.418 ng

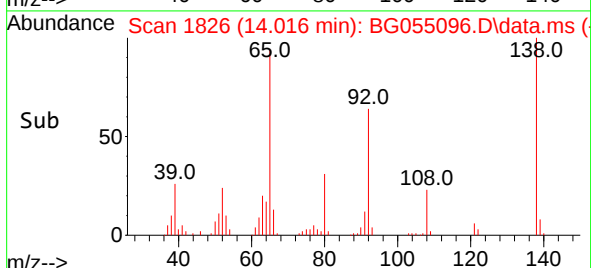
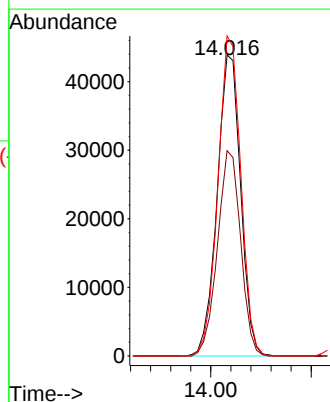
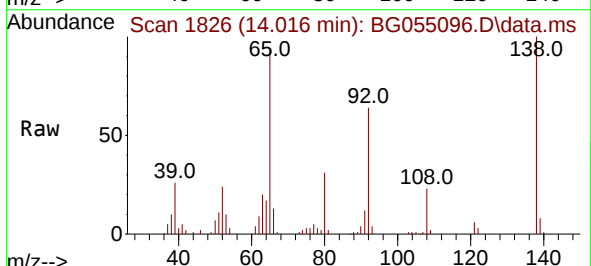
RT: 14.016 min Scan# 1826

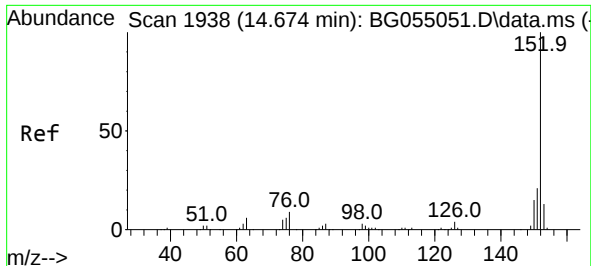
Delta R.T. -0.003 min

Lab File: BG055096.D

Acq: 7 Oct 2022 12:29

Tgt Ion:	65	Resp:	71216
Ion Ratio	Lower	Upper	
65	100		
92	68.2	50.9	76.3
138	106.3	79.5	119.3





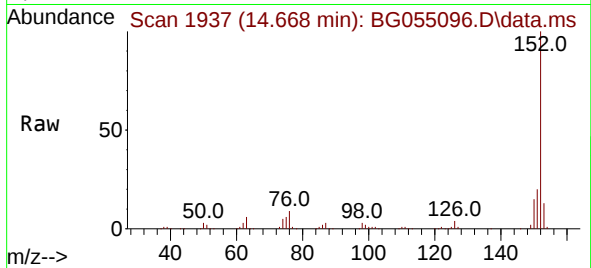
#49
Acenaphthylene
Concen: 41.761 ng
RT: 14.668 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Instrument :

BNA_G

ClientSampleId :

PB148146BS

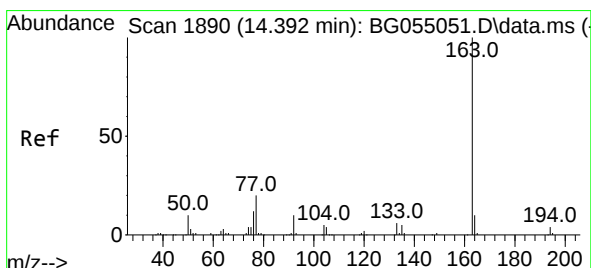
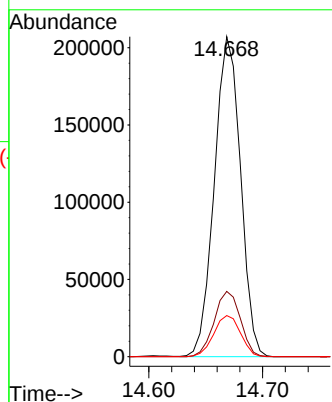
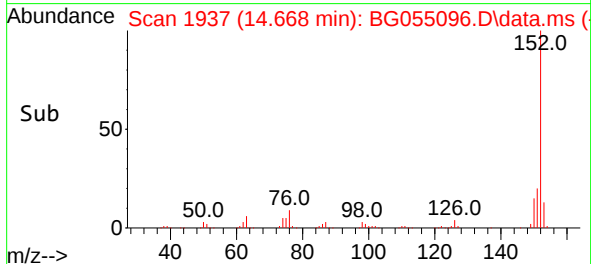


Tgt Ion:152 Resp: 331309
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8
153 12.8 10.7 16.1

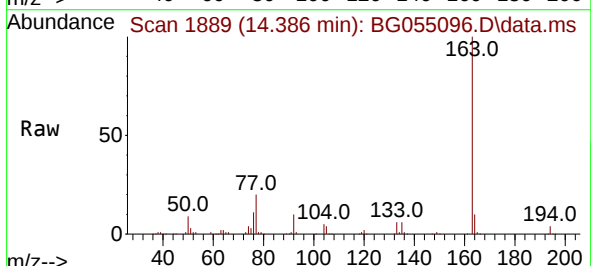
Manual Integrations

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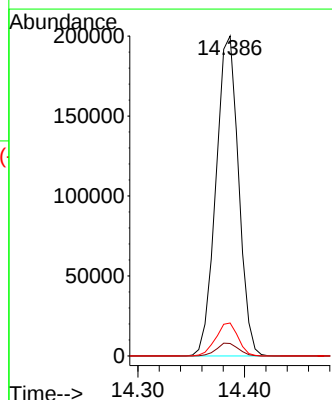
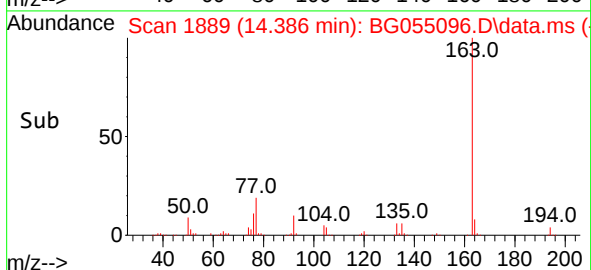
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

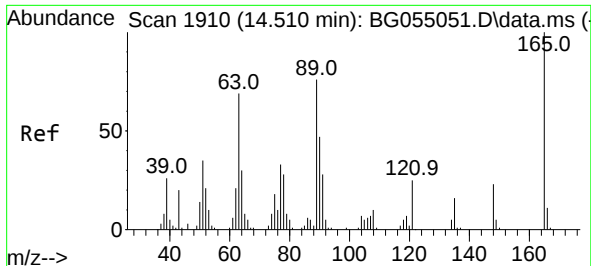


#50
Dimethylphthalate
Concen: 49.956 ng
RT: 14.386 min Scan# 1889
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29



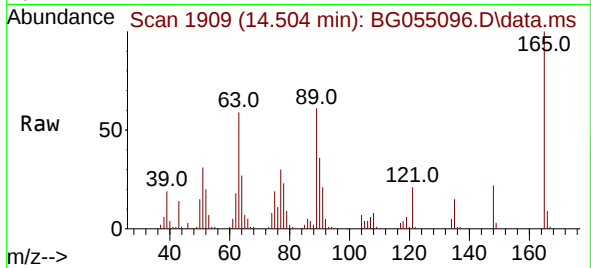
Tgt Ion:163 Resp: 294019
Ion Ratio Lower Upper
163 100
194 3.9 2.9 4.3
164 10.3 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 50.537 ng
RT: 14.504 min Scan# 1909
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

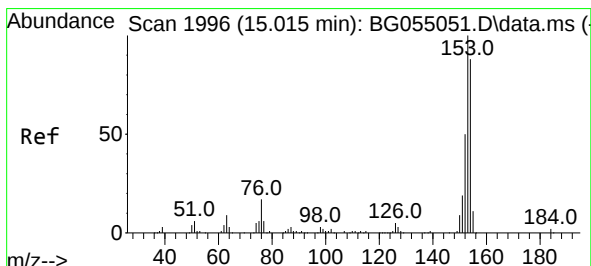
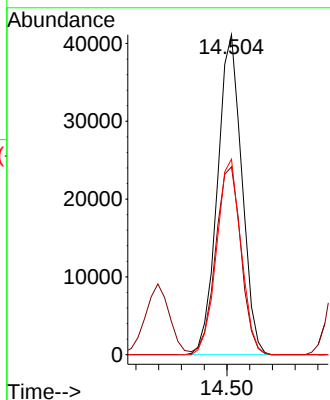
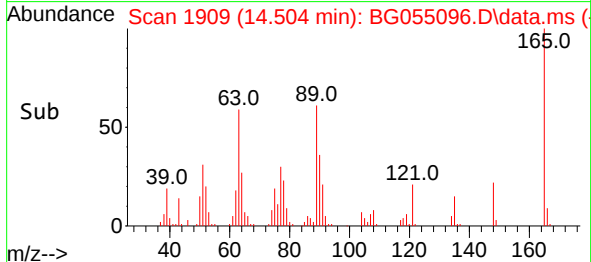
Instrument :
BNA_G
ClientSampleId :
PB148146BS



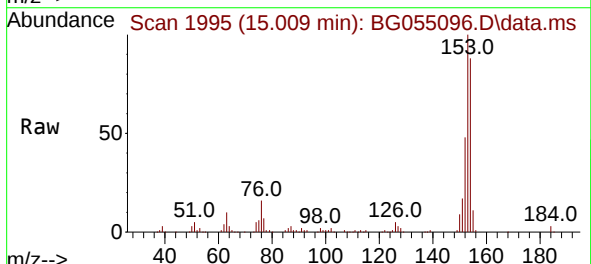
Tgt Ion:165 Resp: 61170
Ion Ratio Lower Upper
165 100
63 58.7 56.2 84.4
89 61.1 60.4 90.6

Manual Integrations
APPROVED

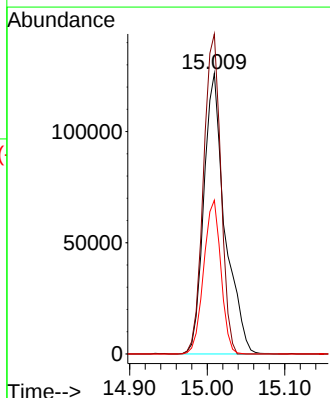
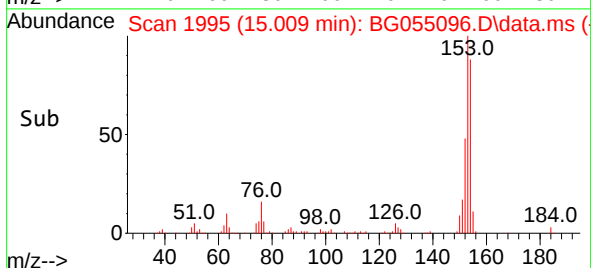
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

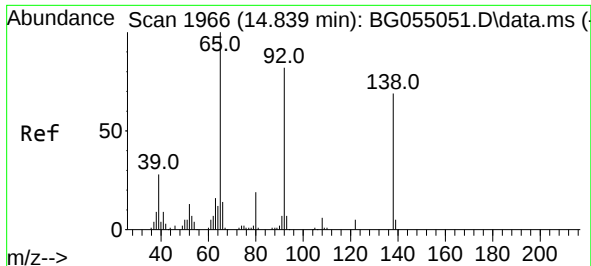


#52
Acenaphthene
Concen: 48.386 ng
RT: 15.009 min Scan# 1995
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29



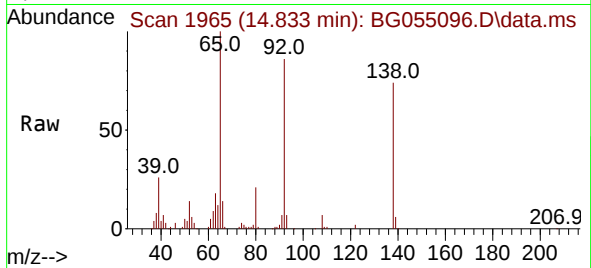
Tgt Ion:154 Resp: 238353
Ion Ratio Lower Upper
154 100
153 114.0 91.4 137.0
152 54.8 45.3 67.9





#53
3-Nitroaniline
Concen: 39.981 ng
RT: 14.833 min Scan# 1966
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

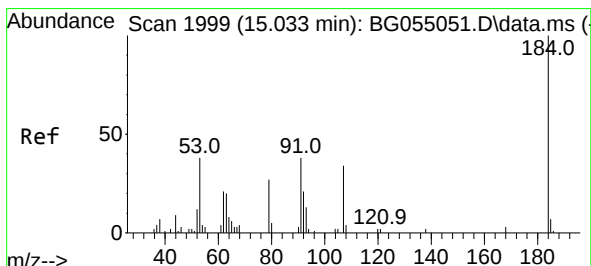
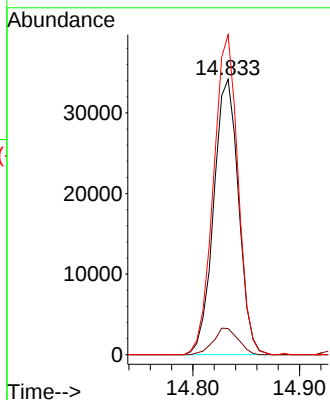
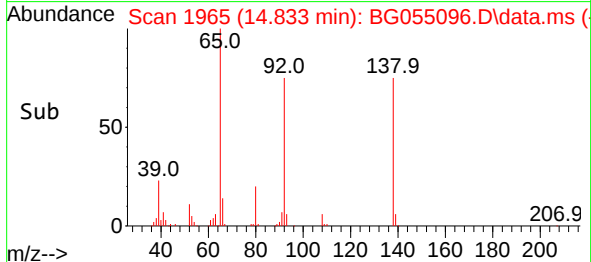
Instrument :
BNA_G
ClientSampleId :
PB148146BS



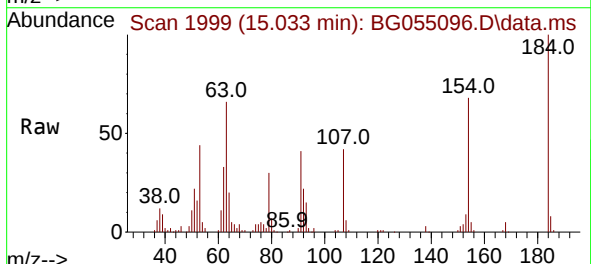
Tgt Ion:138 Resp: 55358
Ion Ratio Lower Upper
138 100
108 9.5 6.9 10.3
92 116.2 94.2 141.4

Manual Integrations
APPROVED

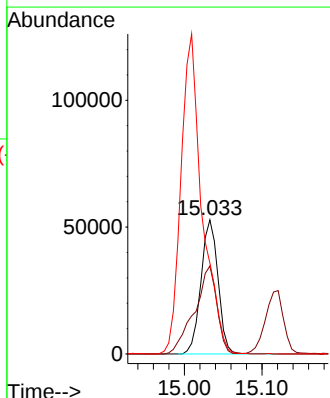
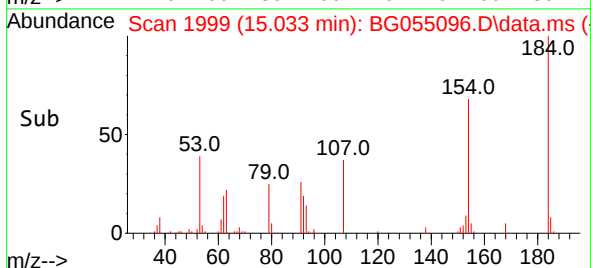
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

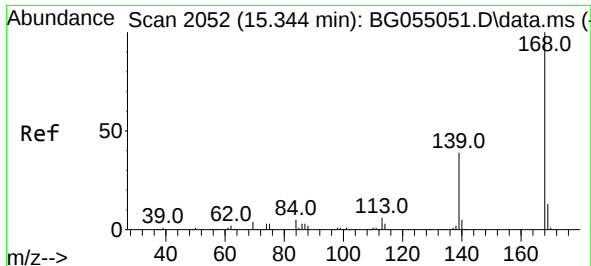


#54
2,4-Dinitrophenol
Concen: 148.009 ng
RT: 15.033 min Scan# 1999
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29



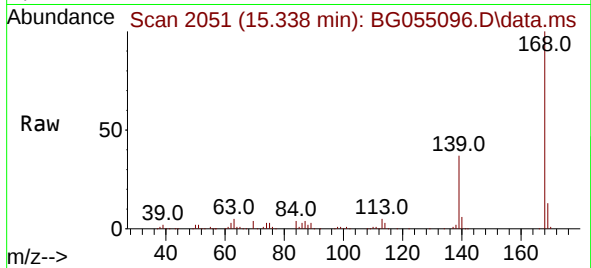
Tgt Ion:184 Resp: 80971
Ion Ratio Lower Upper
184 100
63 65.6 48.6 73.0
154 67.8 128.5 192.7#





#55
Dibenzenofuran
Concen: 42.384 ng
RT: 15.338 min Scan# 2052
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

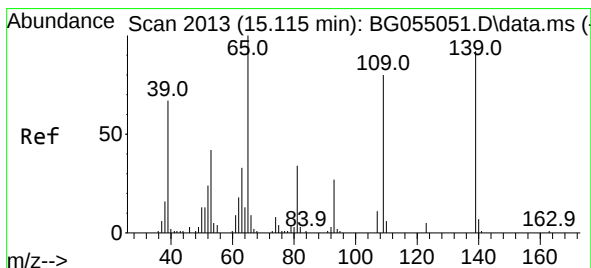
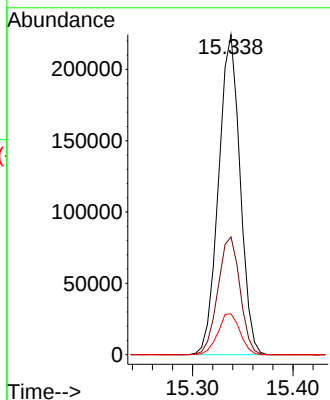
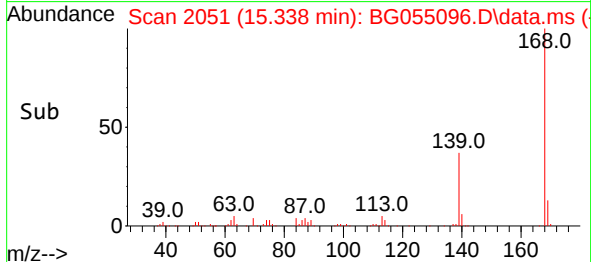
Instrument :
BNA_G
ClientSampleId :
PB148146BS



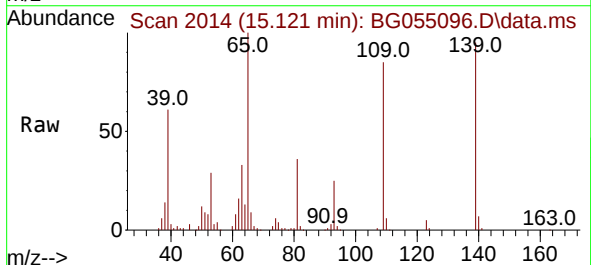
Tgt Ion:168 Resp: 333109
Ion Ratio Lower Upper
168 100
139 36.8 31.0 46.4
169 12.8 10.6 16.0

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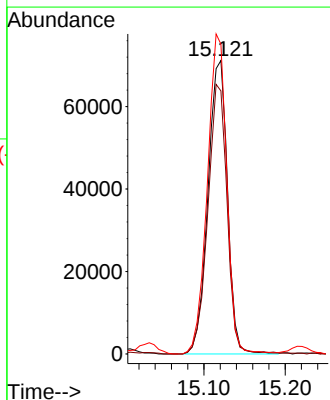
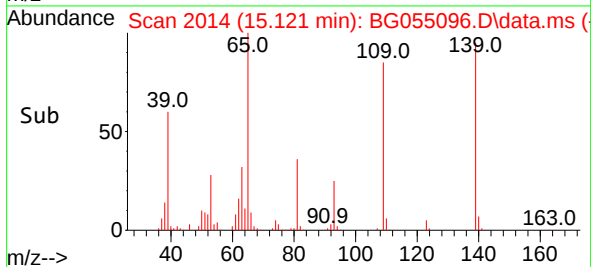
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

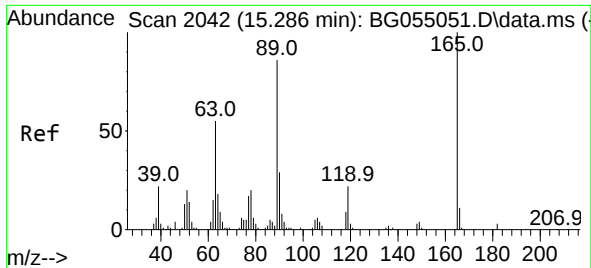


#56
4-Nitrophenol
Concen: 108.406 ng
RT: 15.121 min Scan# 2014
Delta R.T. 0.009 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29



Tgt Ion:139 Resp: 119032
Ion Ratio Lower Upper
139 100
109 89.6 66.6 106.6
65 105.6 88.5 128.5





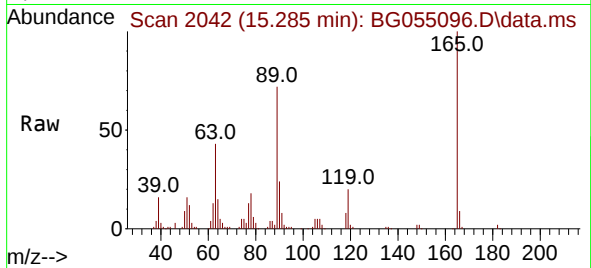
#57
2,4-Dinitrotoluene
Concen: 55.058 ng
RT: 15.285 min Scan# 2042
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Instrument :

BNA_G

ClientSampleId :

PB148146BS

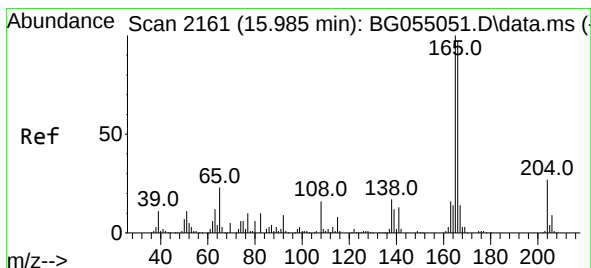
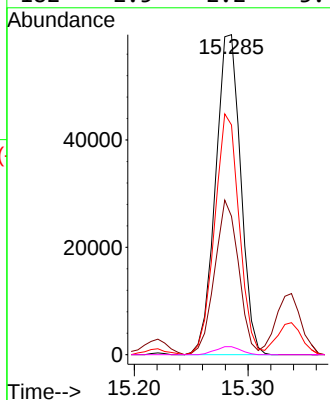
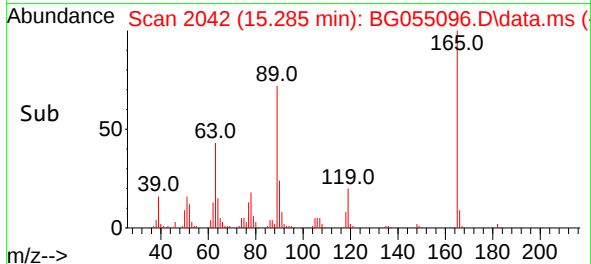


Tgt Ion:165 Resp: 91560
Ion Ratio Lower Upper
165 100
63 43.3 44.2 66.2
89 71.8 69.0 103.6
182 2.5 2.2 3.4

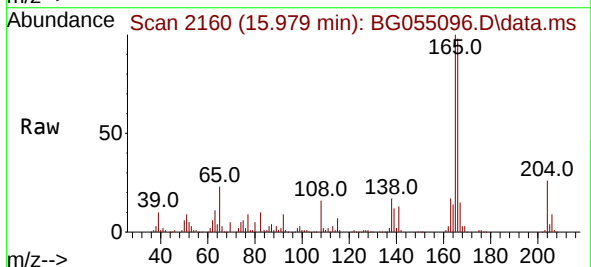
Manual Integrations

APPROVED

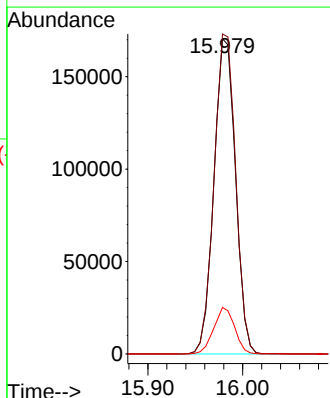
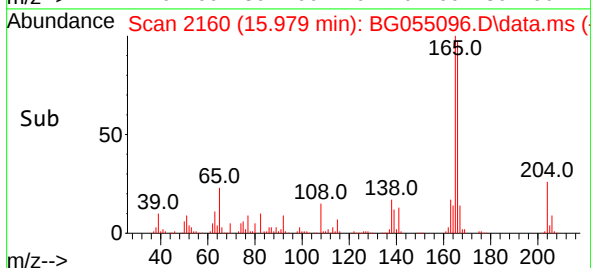
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

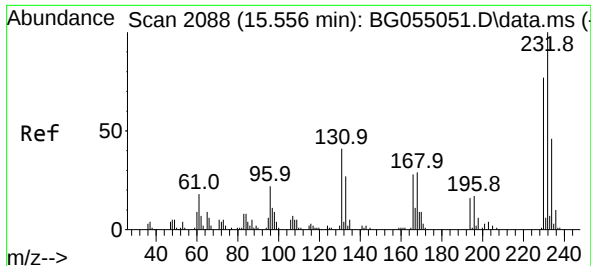


#58
Fluorene
Concen: 42.744 ng
RT: 15.979 min Scan# 2160
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29



Tgt Ion:166 Resp: 268826
Ion Ratio Lower Upper
166 100
165 101.5 82.6 123.8
167 14.8 11.8 17.8





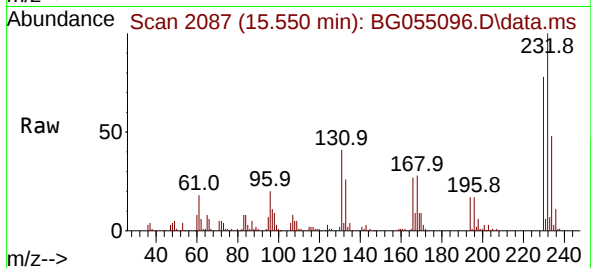
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.047 ng
RT: 15.550 min Scan# 2088
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Instrument :

BNA_G

ClientSampleId :

PB148146BS

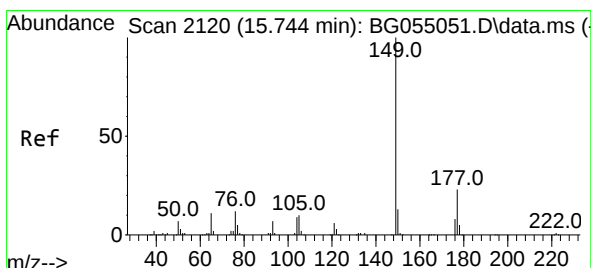
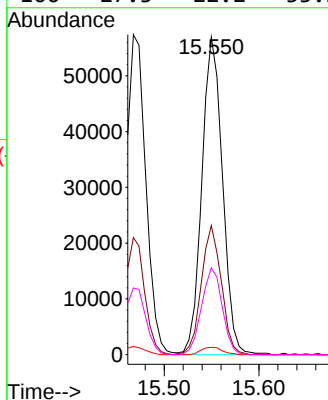
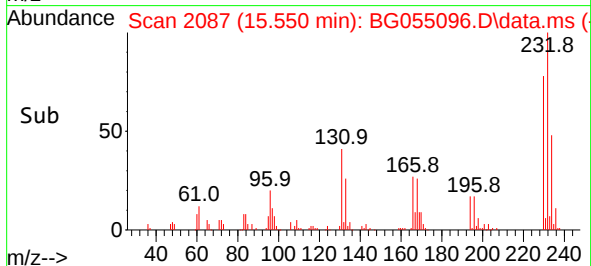


Tgt Ion:232 Resp: 8604
Ion Ratio Lower Upper
232 100
131 39.5 32.7 49.1
130 2.4 1.8 2.6
166 27.3 22.2 33.2

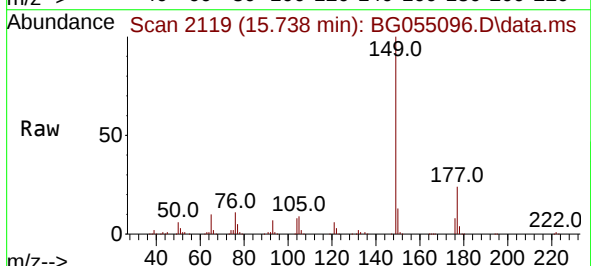
Manual Integrations

APPROVED

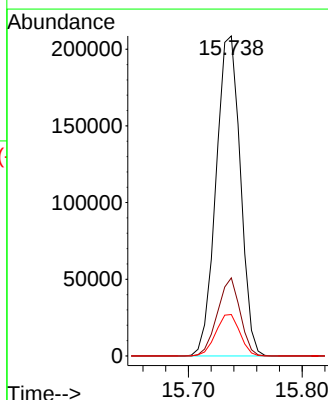
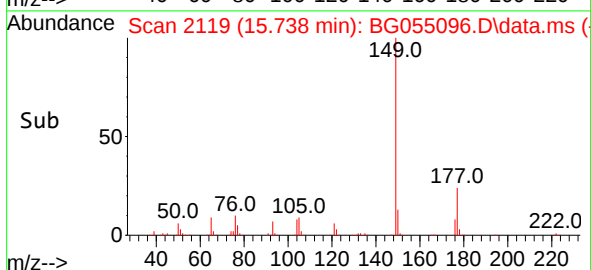
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

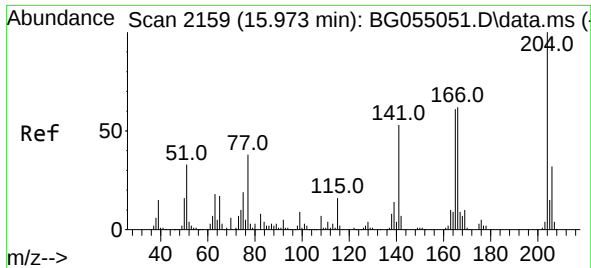


#60
Diethylphthalate
Concen: 51.031 ng
RT: 15.738 min Scan# 2119
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29



Tgt Ion:149 Resp: 309908
Ion Ratio Lower Upper
149 100
177 24.4 18.2 27.2
150 12.9 10.1 15.1





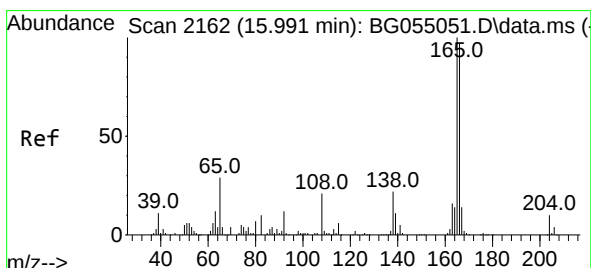
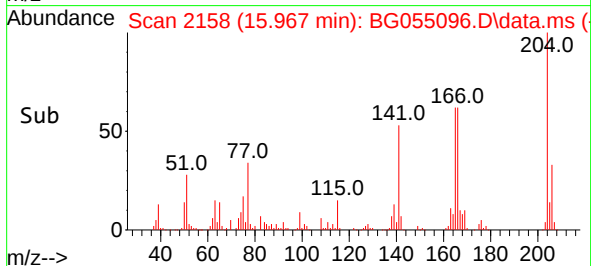
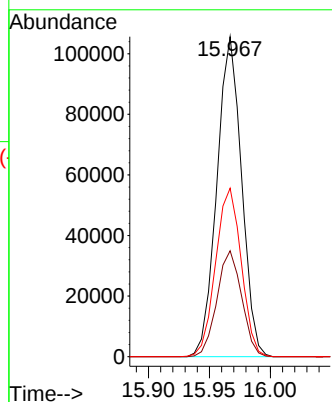
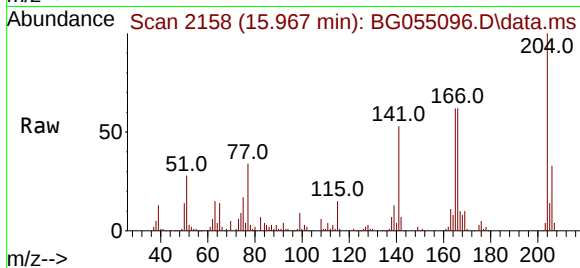
#61
4-Chlorophenyl-phenylether
Concen: 43.563 ng
RT: 15.967 min Scan# 2159
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Instrument :
BNA_G
ClientSampleId :
PB148146BS

Tgt Ion:204 Resp: 148928
Ion Ratio Lower Upper
204 100
206 33.1 25.5 38.3
141 52.6 42.3 63.5

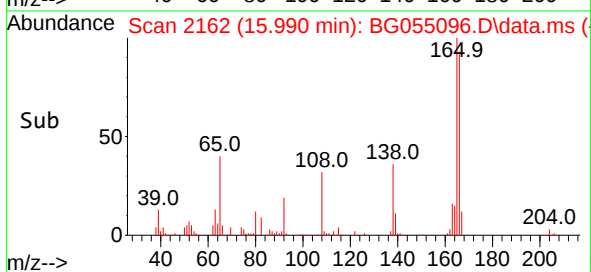
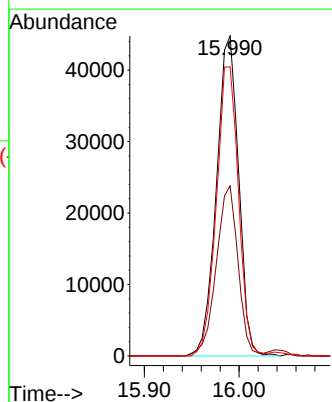
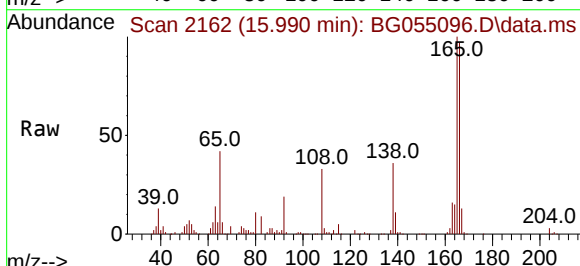
Manual Integrations
APPROVED

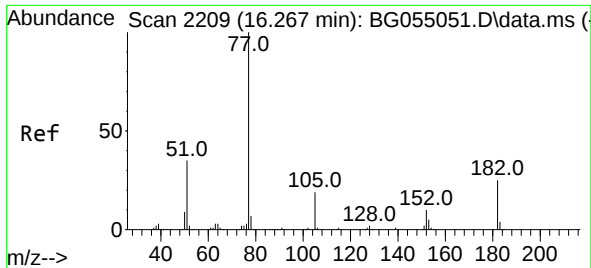
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#62
4-Nitroaniline
Concen: 51.420 ng
RT: 15.990 min Scan# 2162
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Tgt Ion:138 Resp: 72804
Ion Ratio Lower Upper
138 100
92 53.2 35.3 75.3
108 90.3 72.0 112.0





#63
Azobenzene
Concen: 38.967 ng
RT: 16.261 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Instrument :

BNA_G

ClientSampleId :

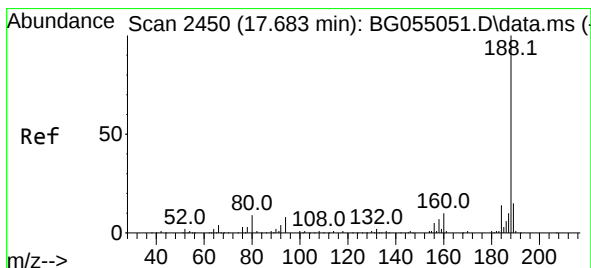
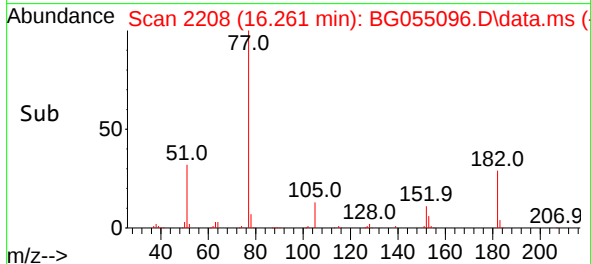
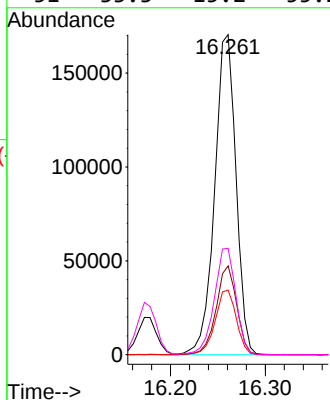
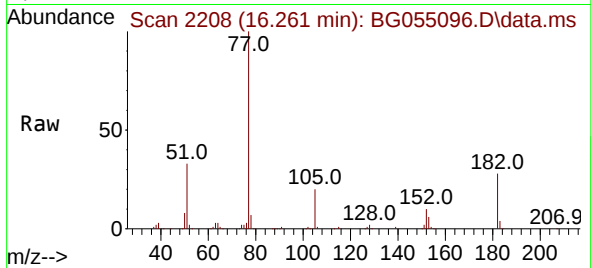
PB148146BS

Tgt Ion: 77 Resp: 26652
Ion Ratio Lower Upper
77 100
182 27.8 4.8 44.8
105 20.2 0.0 38.8
51 33.3 15.2 55.2

Manual Integrations

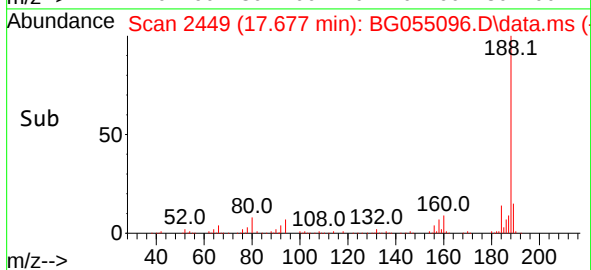
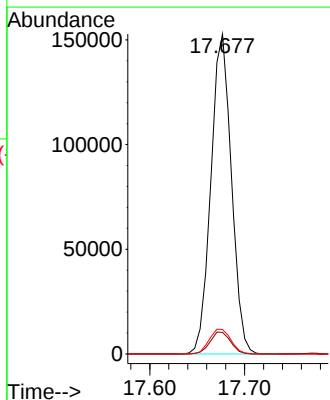
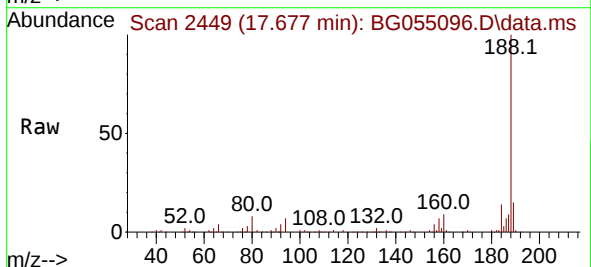
APPROVED

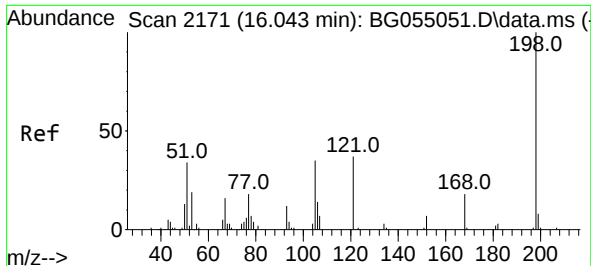
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.677 min Scan# 2449
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Tgt Ion:188 Resp: 229328
Ion Ratio Lower Upper
188 100
94 6.7 6.2 9.2
80 7.7 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 62.211 ng
RT: 16.043 min Scan# 2171
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Instrument :

BNA_G

ClientSampleId :

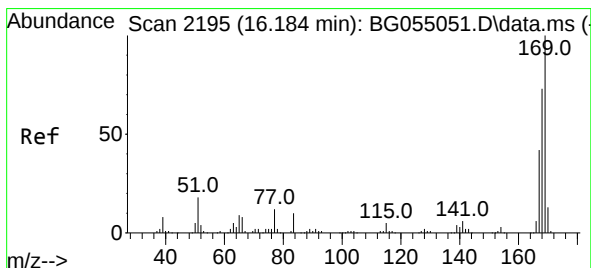
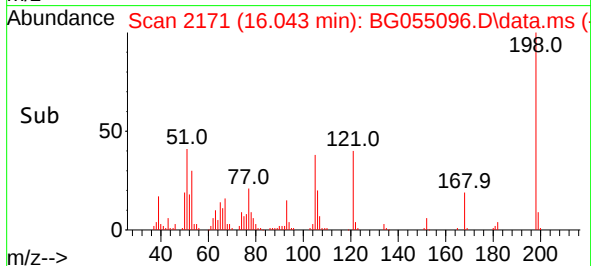
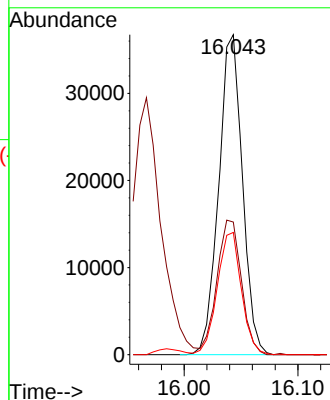
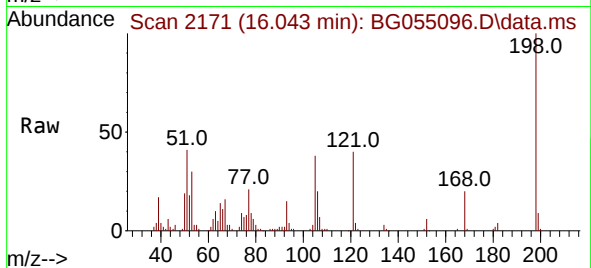
PB148146BS

Tgt Ion:198 Resp: 5317
Ion Ratio Lower Upper
198 100
51 41.5 19.4 59.4
105 38.2 16.2 56.2

Manual Integrations

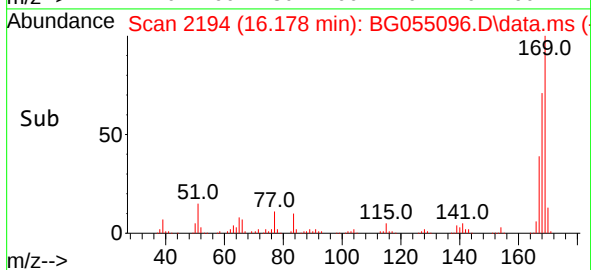
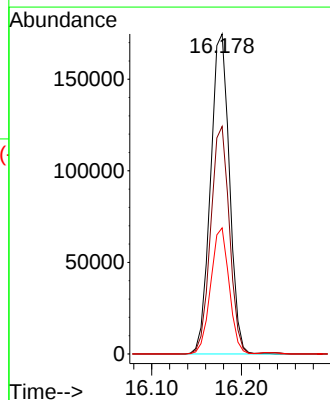
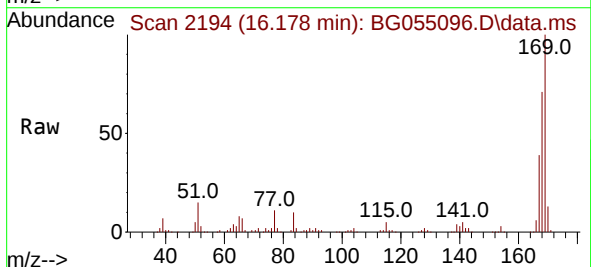
APPROVED

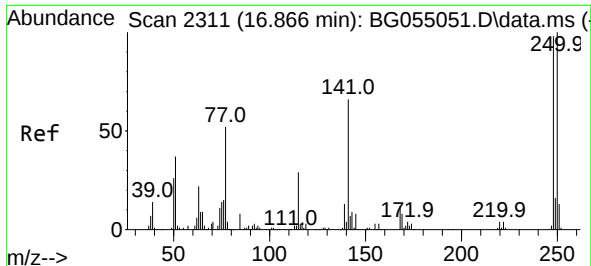
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#66
n-Nitrosodiphenylamine
Concen: 42.671 ng
RT: 16.178 min Scan# 2194
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Tgt Ion:169 Resp: 254846
Ion Ratio Lower Upper
169 100
168 71.1 58.4 87.6
167 39.4 33.7 50.5





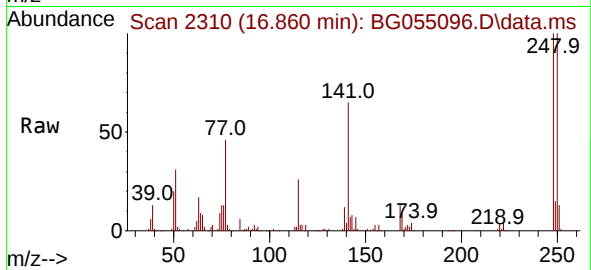
#67
4-Bromophenyl-phenylether
Concen: 42.620 ng
RT: 16.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Instrument :

BNA_G

ClientSampleId :

PB148146BS

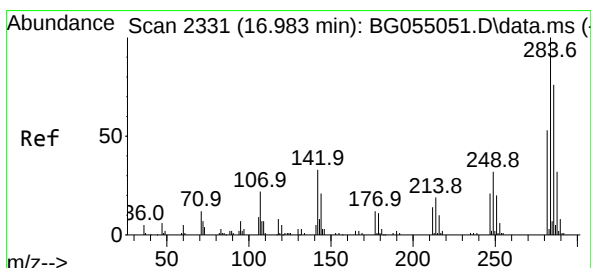
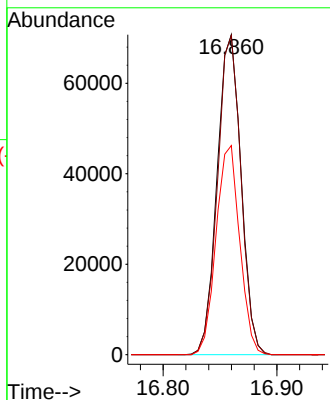
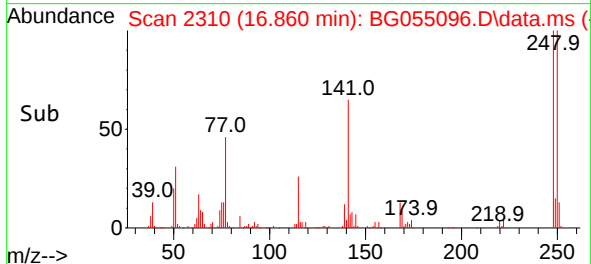


Tgt Ion:248 Resp: 103369
Ion Ratio Lower Upper
248 100
250 99.7 81.7 122.5
141 65.4 53.7 80.5

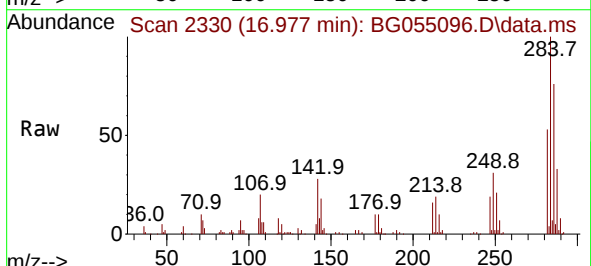
Manual Integrations

APPROVED

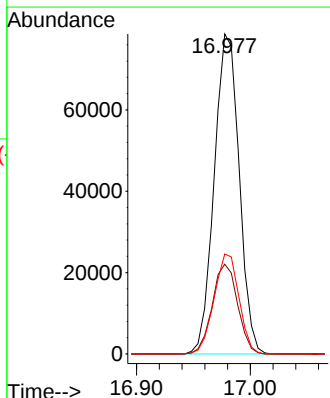
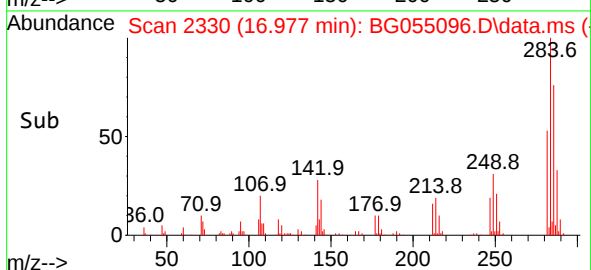
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

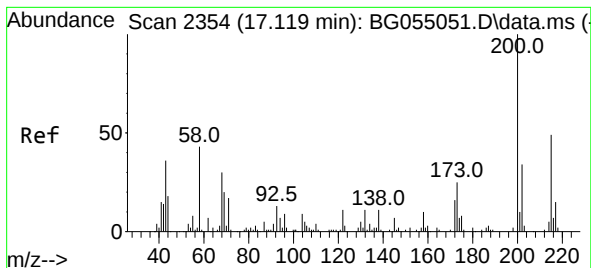


#68
Hexachlorobenzene
Concen: 42.778 ng
RT: 16.977 min Scan# 2330
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29



Tgt Ion:284 Resp: 119953
Ion Ratio Lower Upper
284 100
142 28.0 26.2 39.2
249 31.3 25.2 37.8





#69

Atrazine

Concen: 59.658 ng

RT: 17.113 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG055096.D

Acq: 7 Oct 2022 12:29

Instrument :

BNA_G

ClientSampleId :

PB148146BS

Tgt Ion:200 Resp: 116084

Ion Ratio Lower Upper

200 100

173 24.7 5.3 45.3

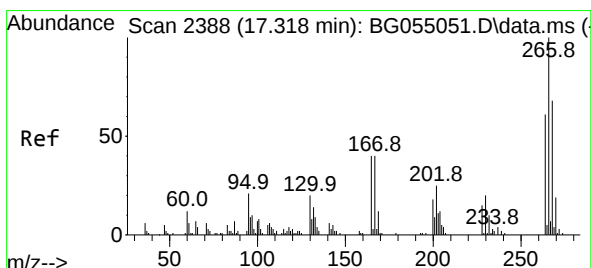
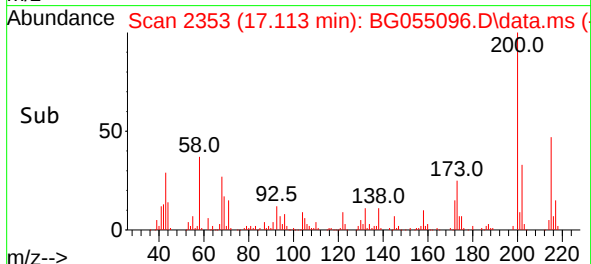
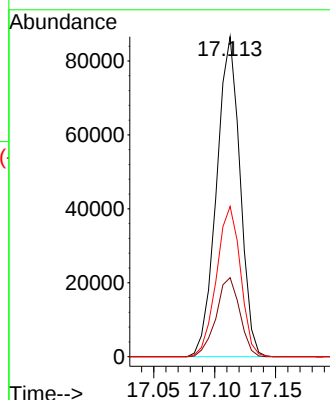
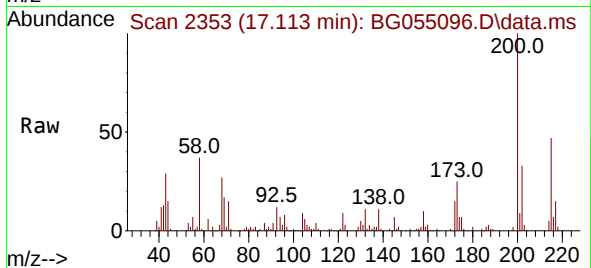
215 47.0 29.1 69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/10/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#70

Pentachlorophenol

Concen: 99.382 ng

RT: 17.318 min Scan# 2388

Delta R.T. 0.003 min

Lab File: BG055096.D

Acq: 7 Oct 2022 12:29

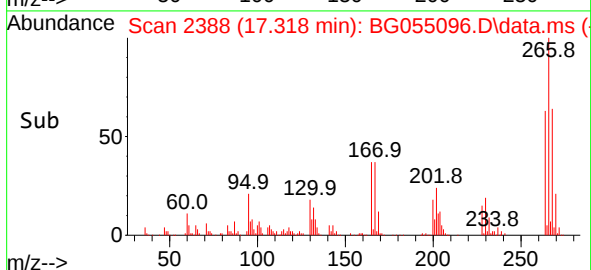
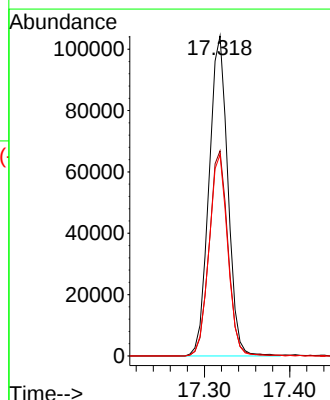
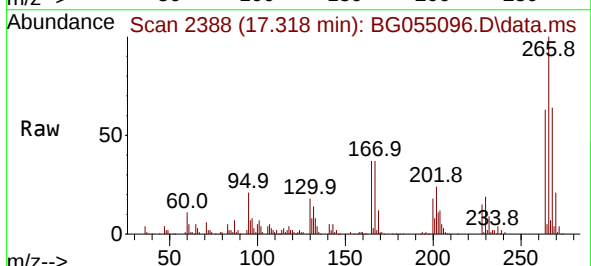
Tgt Ion:266 Resp: 159919

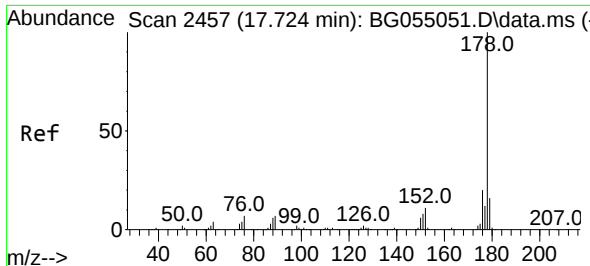
Ion Ratio Lower Upper

266 100

268 64.1 54.0 81.0

264 62.9 48.6 73.0





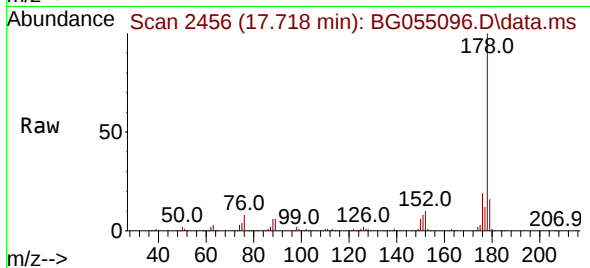
#71
Phenanthrene
Concen: 40.868 ng
RT: 17.718 min Scan# 2456
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Instrument :

BNA_G

ClientSampleId :

PB148146BS

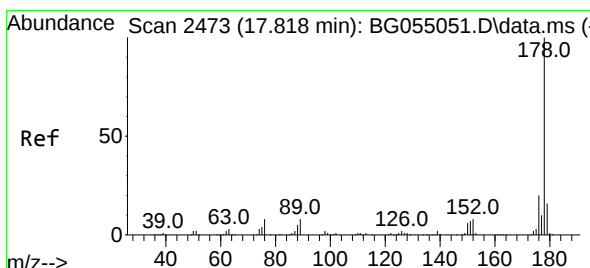
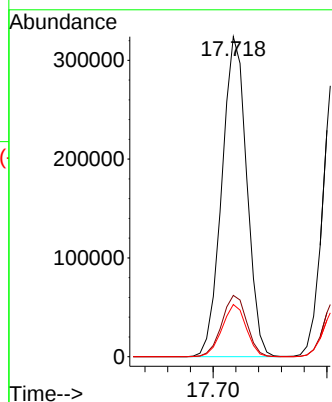
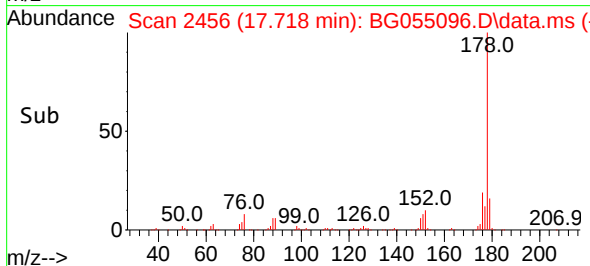


Tgt Ion:178 Resp: 492305
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 16.3 13.2 19.8

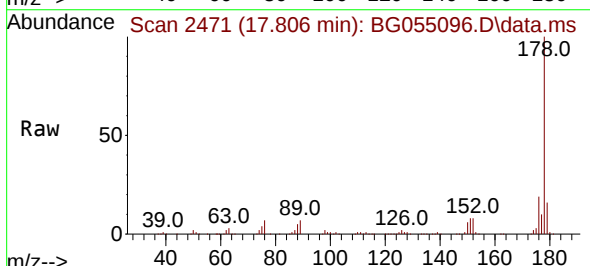
Manual Integrations

APPROVED

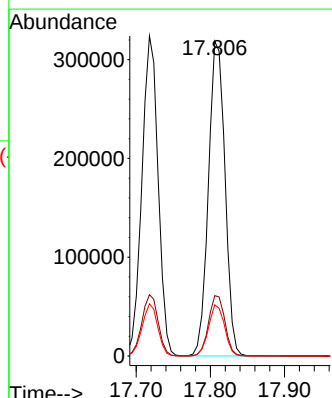
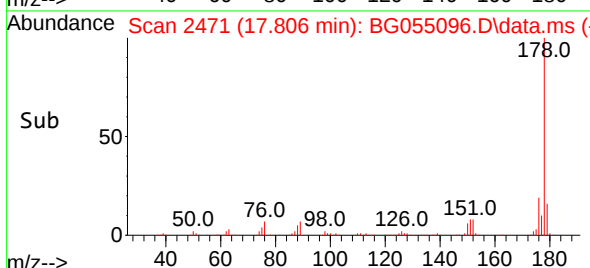
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

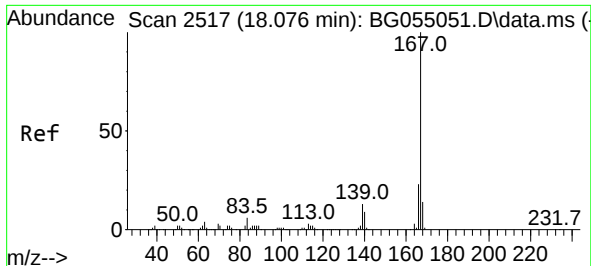


#72
Anthracene
Concen: 42.235 ng
RT: 17.806 min Scan# 2471
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29



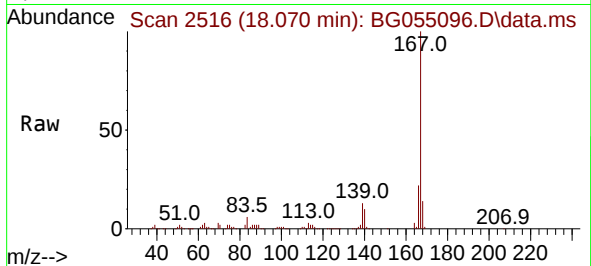
Tgt Ion:178 Resp: 494831
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 16.3 12.5 18.7





#73
 Carbazole
 Concen: 45.619 ng
 RT: 18.070 min Scan# 2517
 Delta R.T. 0.003 min
 Lab File: BG055096.D
 Acq: 7 Oct 2022 12:29

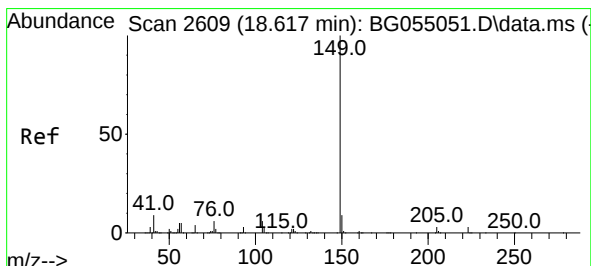
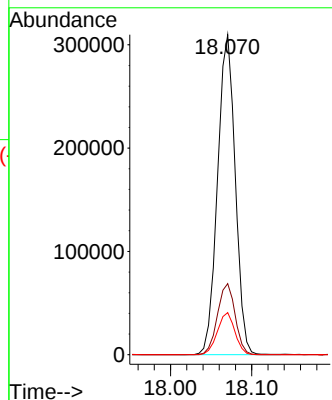
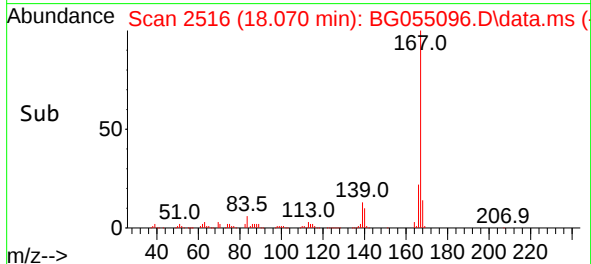
Instrument :
 BNA_G
 ClientSampleId :
 PB148146BS



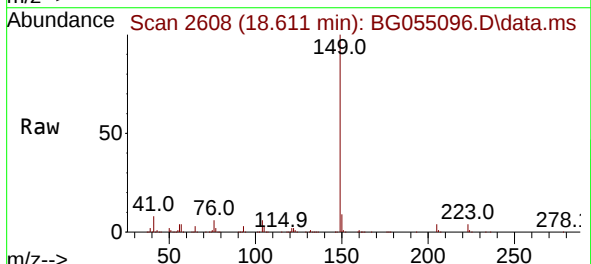
Tgt Ion:167 Resp: 469134
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.2
 139 13.1 10.2 15.4

Manual Integrations
 APPROVED

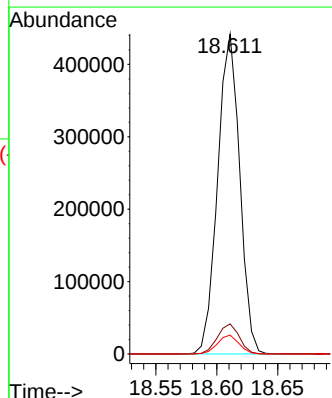
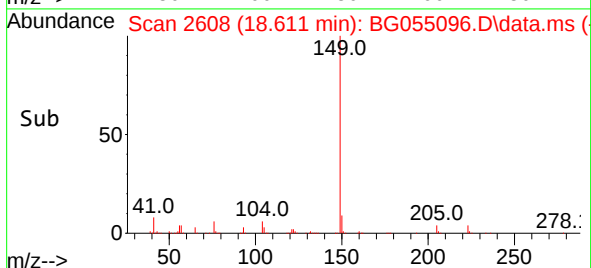
Reviewed By :Christian Giraldo 10/10/2022
 Supervised By :Jagrut Upadhyay 10/10/2022

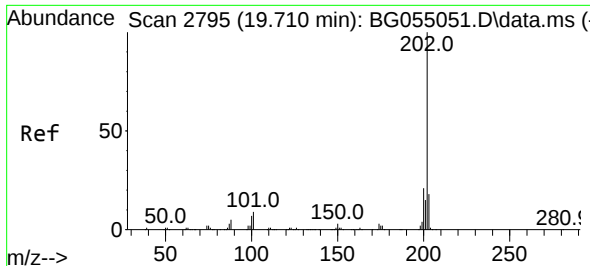


#74
 Di-n-butylphthalate
 Concen: 51.878 ng
 RT: 18.611 min Scan# 2608
 Delta R.T. 0.003 min
 Lab File: BG055096.D
 Acq: 7 Oct 2022 12:29



Tgt Ion:149 Resp: 556917
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.9 4.8 7.2





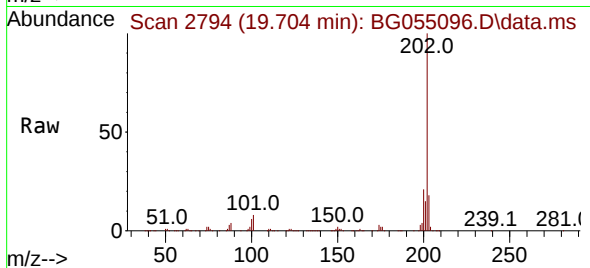
#75
Fluoranthene
Concen: 42.252 ng
RT: 19.704 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Instrument :

BNA_G

ClientSampleId :

PB148146BS

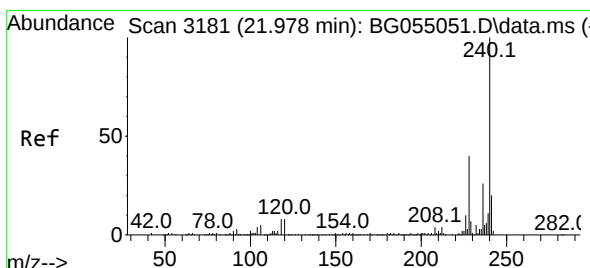
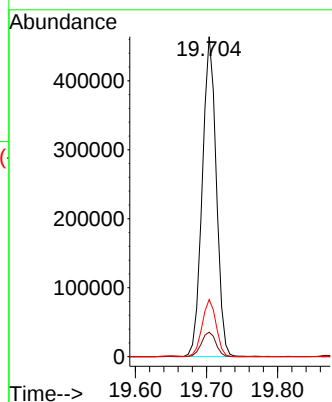
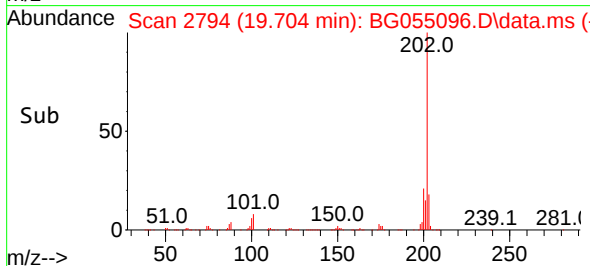


Tgt Ion:202 Resp: 63497
Ion Ratio Lower Upper
202 100
101 7.6 0.0 28.9
203 17.9 0.0 37.7

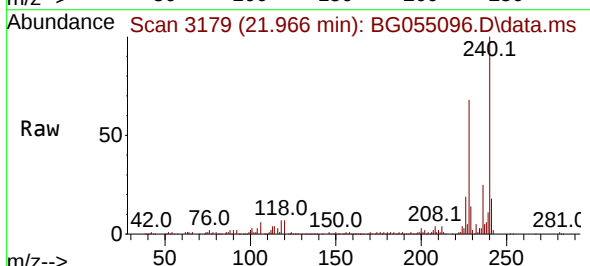
Manual Integrations

APPROVED

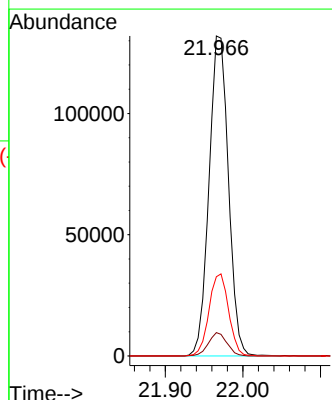
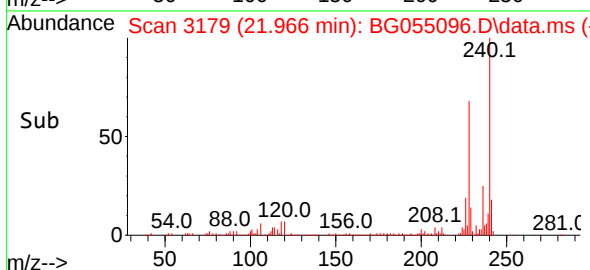
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

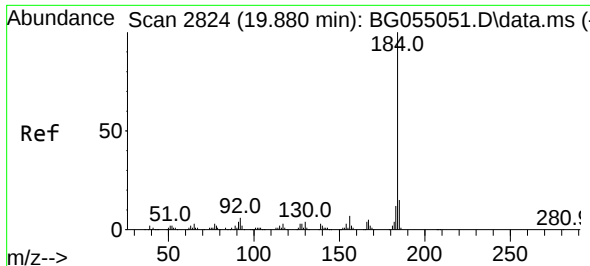


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.966 min Scan# 3179
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29



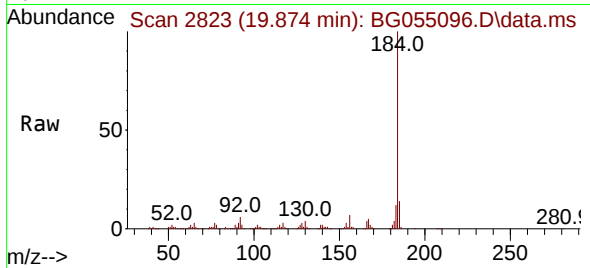
Tgt Ion:240 Resp: 229380
Ion Ratio Lower Upper
240 100
120 7.3 6.2 9.4
236 24.8 20.6 30.8





#77
Benzidine
Concen: 80.189 ng
RT: 19.874 min Scan# 2823
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

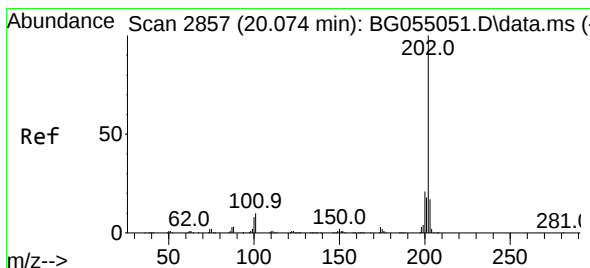
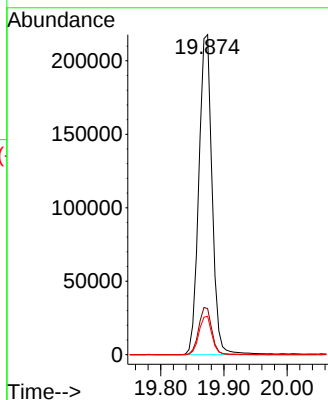
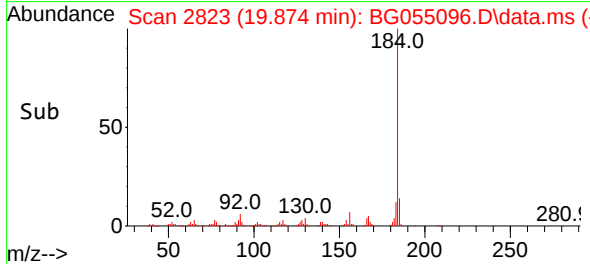
Instrument :
BNA_G
ClientSampleId :
PB148146BS



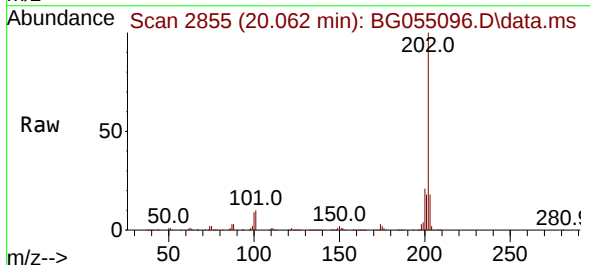
Tgt Ion:184 Resp: 31687
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.4
183 12.0 9.4 14.0

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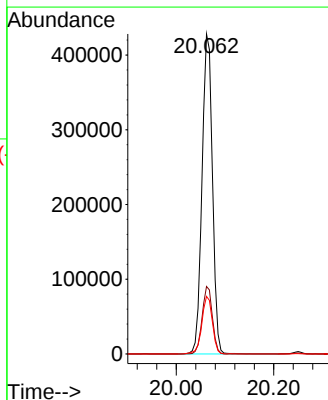
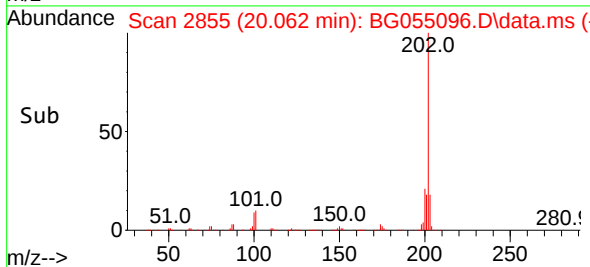
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

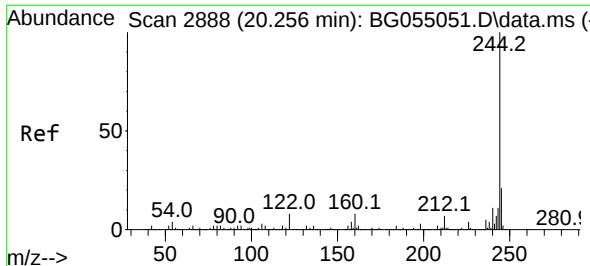


#78
Pyrene
Concen: 41.547 ng
RT: 20.062 min Scan# 2855
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29



Tgt Ion:202 Resp: 633694
Ion Ratio Lower Upper
202 100
200 21.1 16.6 25.0
203 18.0 14.0 21.0





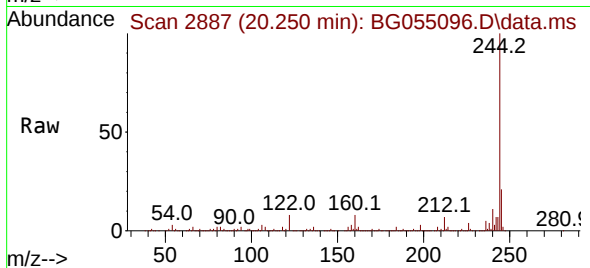
#79
 Terphenyl-d14
 Concen: 85.011 ng
 RT: 20.250 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG055096.D
 Acq: 7 Oct 2022 12:29

Instrument :

BNA_G

ClientSampleId :

PB148146BS

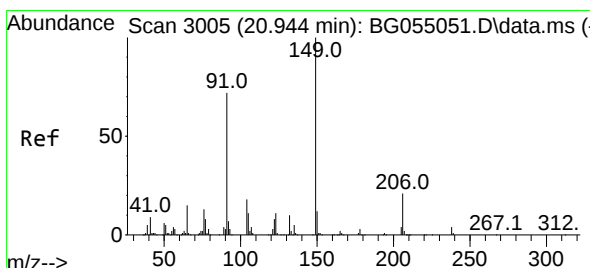
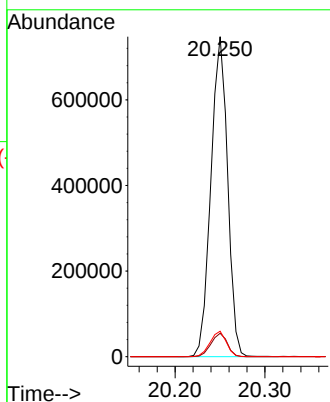
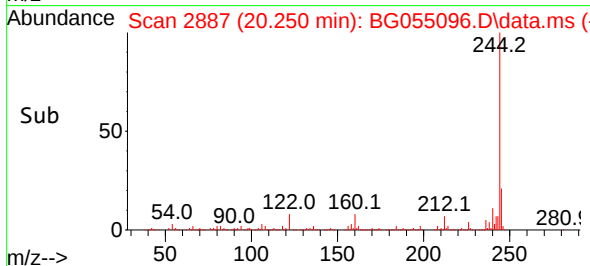


Tgt Ion:244 Resp: 964760
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 8.0 6.6 10.0

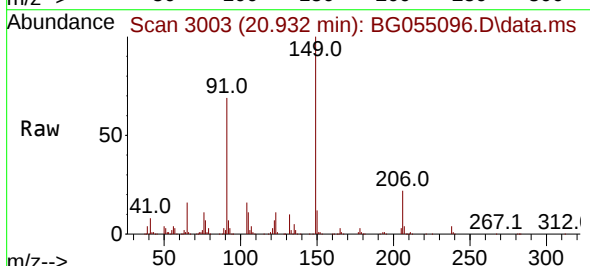
Manual Integrations

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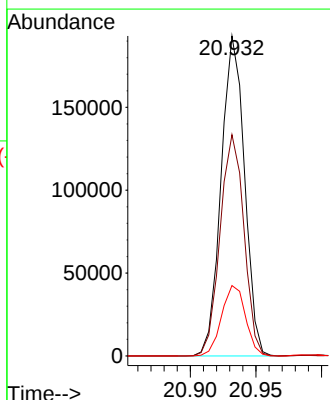
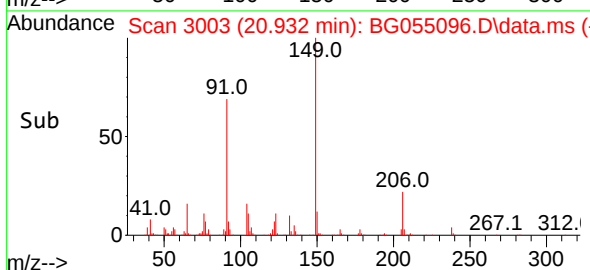
Reviewed By :Christian Giraldo 10/10/2022
 Supervised By :Jagrut Upadhyay 10/10/2022

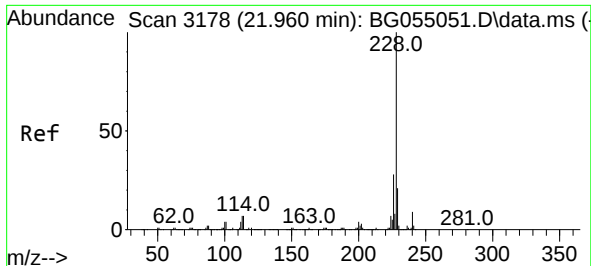


#80
 Butylbenzylphthalate
 Concen: 49.842 ng
 RT: 20.932 min Scan# 3003
 Delta R.T. -0.003 min
 Lab File: BG055096.D
 Acq: 7 Oct 2022 12:29



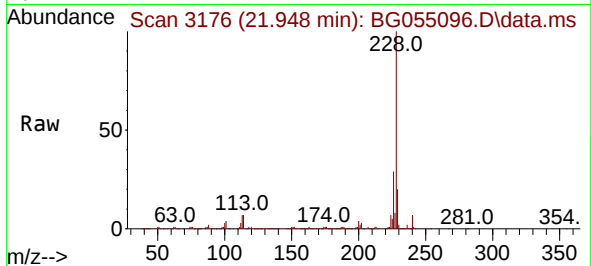
Tgt Ion:149 Resp: 239010
 Ion Ratio Lower Upper
 149 100
 91 69.1 57.8 86.8
 206 22.0 16.9 25.3





#81
Benzo(a)anthracene
Concen: 41.421 ng
RT: 21.948 min Scan# 3178
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

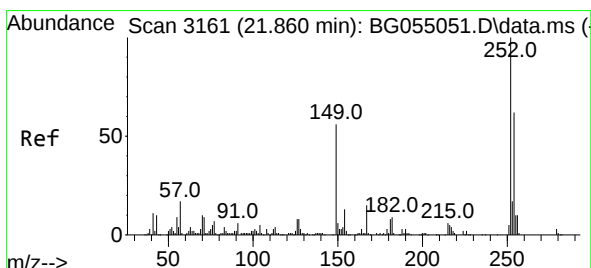
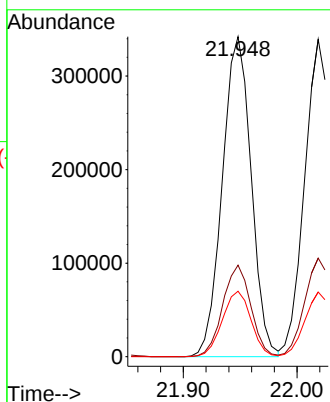
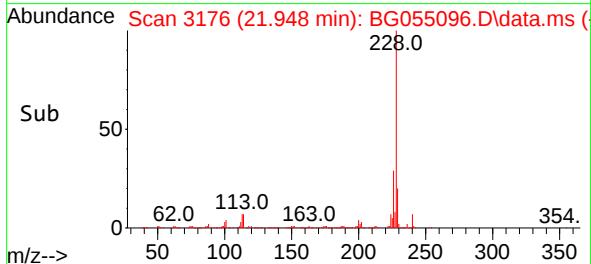
Instrument :
BNA_G
ClientSampleId :
PB148146BS



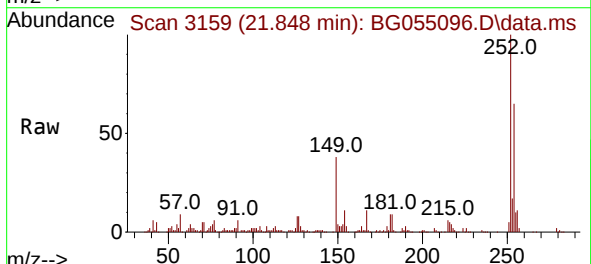
Tgt Ion:228 Resp: 60357
Ion Ratio Lower Upper
228 100
226 28.6 22.4 33.6
229 20.4 16.7 25.1

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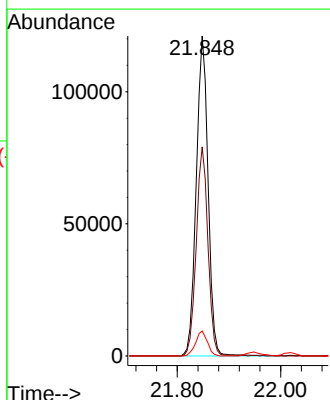
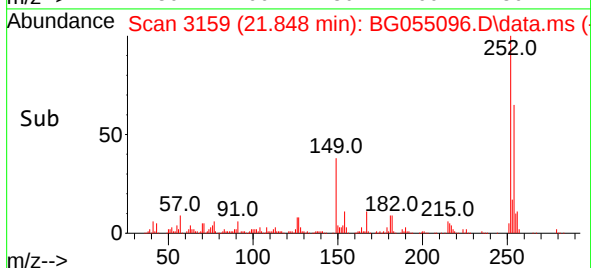
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022

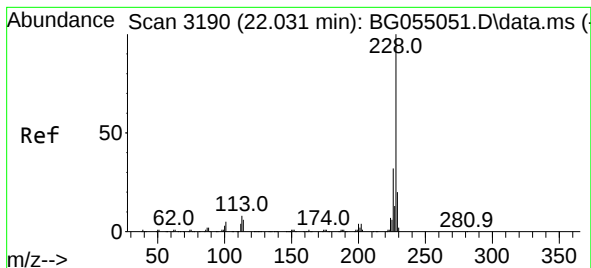


#82
3,3'-Dichlorobenzidine
Concen: 45.316 ng
RT: 21.848 min Scan# 3159
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29



Tgt Ion:252 Resp: 191957
Ion Ratio Lower Upper
252 100
254 65.4 49.8 74.8
126 7.8 6.3 9.5





#83

Chrysene

Concen: 39.835 ng

RT: 22.019 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG055096.D

Acq: 7 Oct 2022 12:29

Instrument :

BNA_G

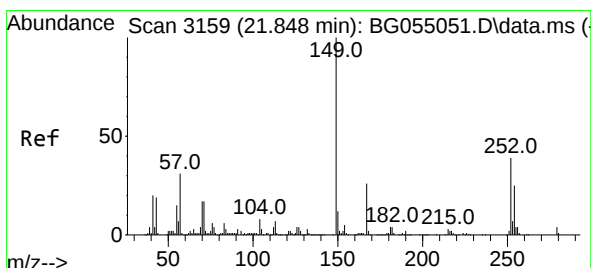
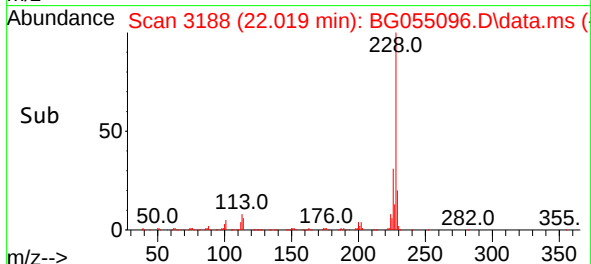
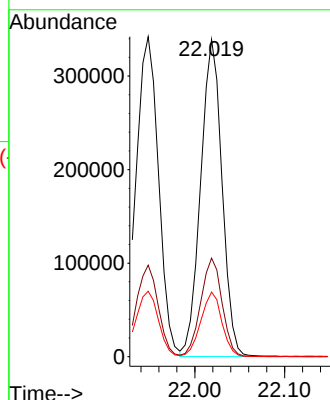
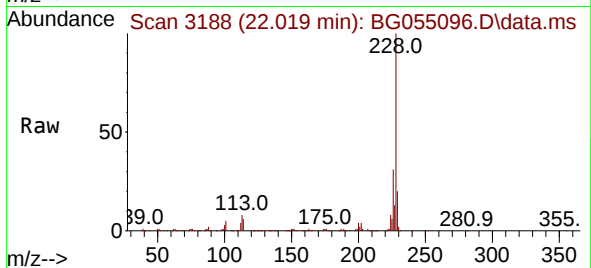
ClientSampleId :

PB148146BS

Tgt Ion:228 Resp: 55944
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.3 37.9
 229 20.4 16.1 24.1

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.189 ng

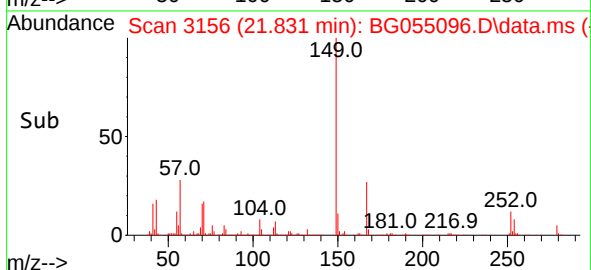
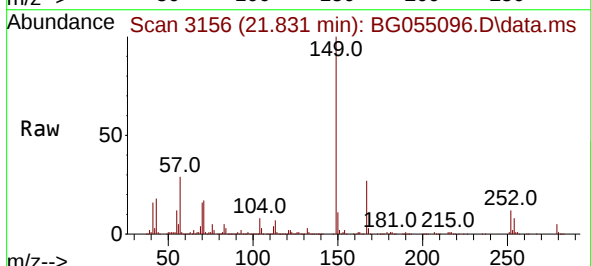
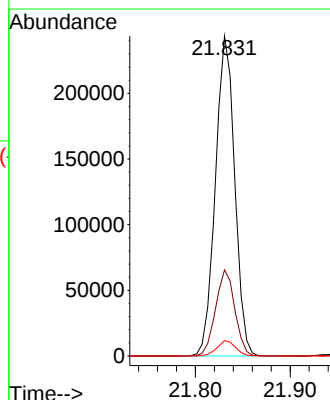
RT: 21.831 min Scan# 3156

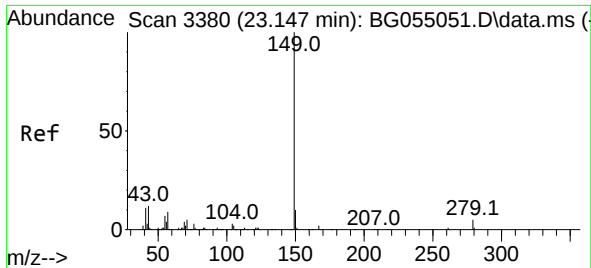
Delta R.T. -0.003 min

Lab File: BG055096.D

Acq: 7 Oct 2022 12:29

Tgt Ion:149 Resp: 344221
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.0 31.4
 279 4.8 3.4 5.2





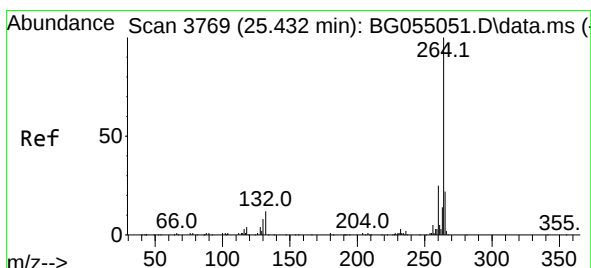
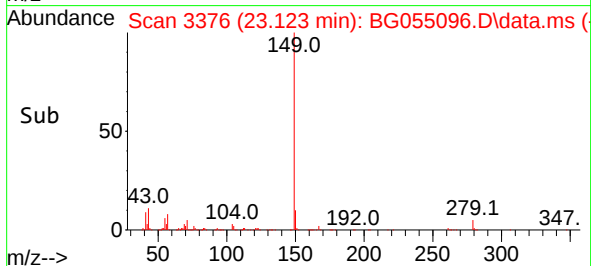
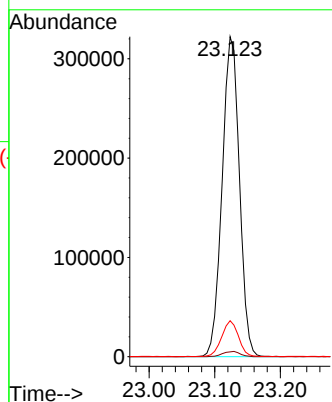
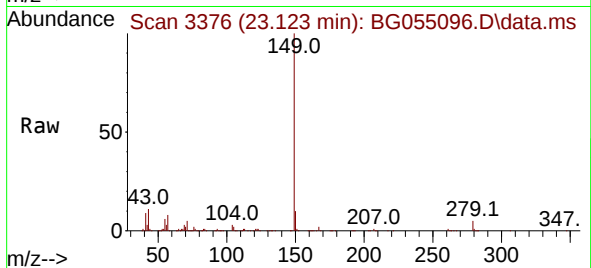
#85
Di-n-octyl phthalate
Concen: 48.987 ng
RT: 23.123 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Instrument :
BNA_G
ClientSampleId :
PB148146BS

Tgt Ion:149 Resp: 58831
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.0 10.2 15.4

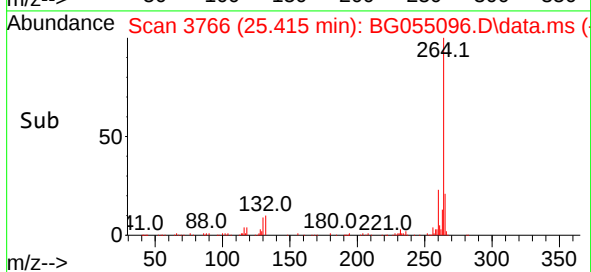
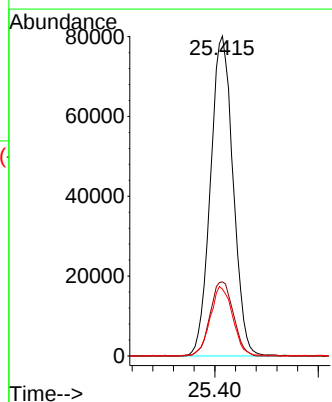
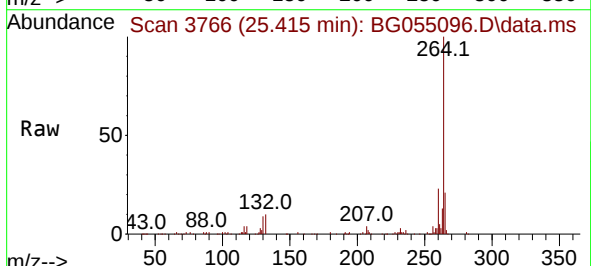
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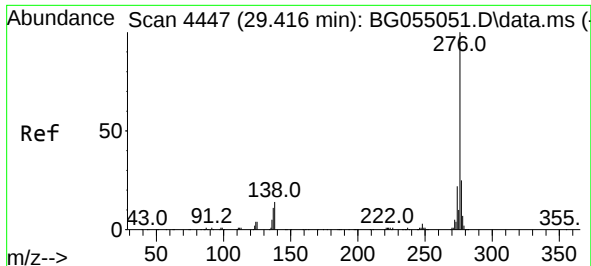
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.415 min Scan# 3766
Delta R.T. -0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

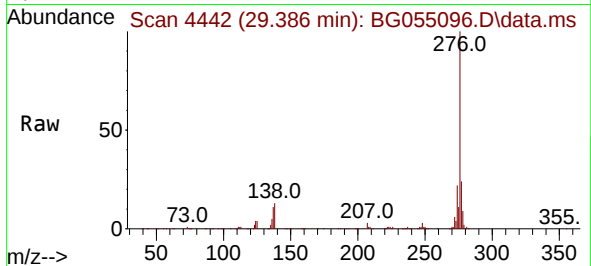
Tgt Ion:264 Resp: 243015
Ion Ratio Lower Upper
264 100
260 23.1 19.7 29.5
265 20.9 17.8 26.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.335 ng
 RT: 29.386 min Scan# 4447
 Delta R.T. -0.003 min
 Lab File: BG055096.D
 Acq: 7 Oct 2022 12:29

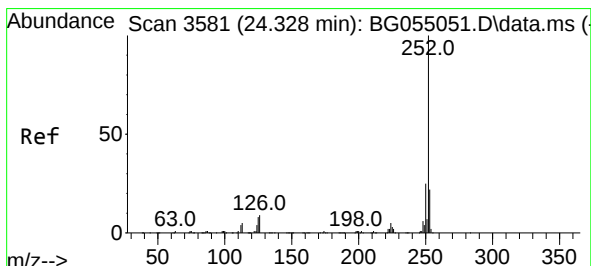
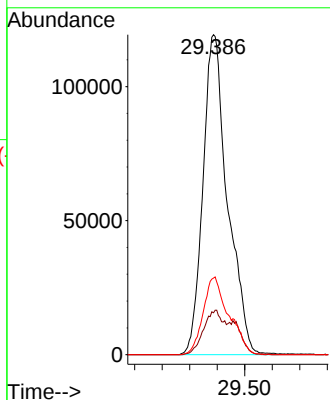
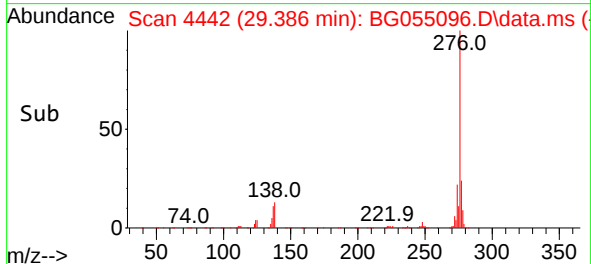
Instrument :
 BNA_G
 ClientSampleId :
 PB148146BS



Tgt Ion: 276 Resp: 742435
 Ion Ratio Lower Upper
 276 100
 138 11.9 10.0 15.0
 277 25.3 20.0 30.0

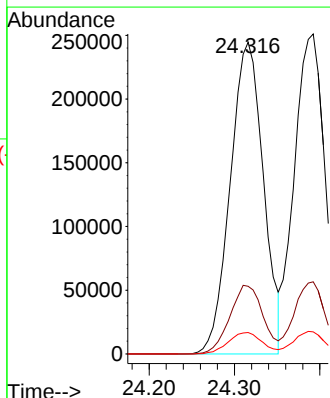
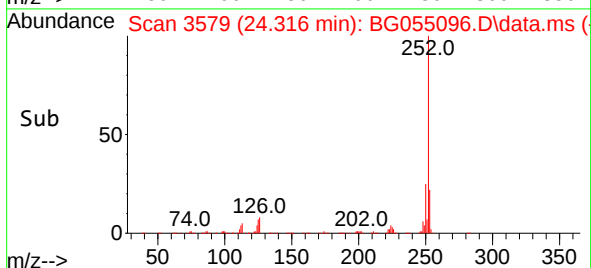
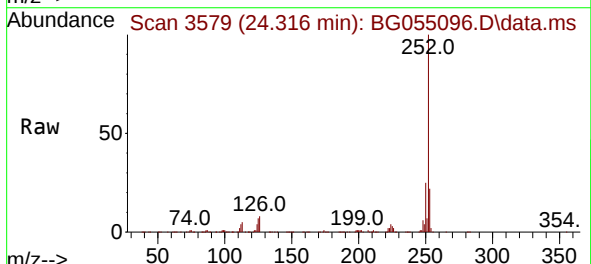
Manual Integrations
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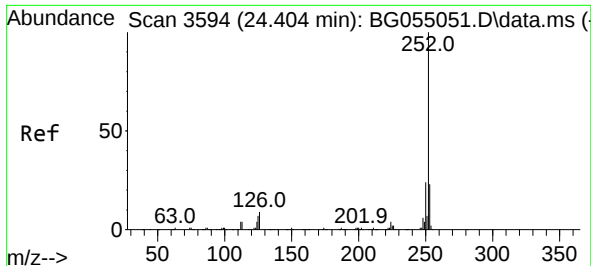
Reviewed By : Christian Giraldo 10/10/2022
 Supervised By : Jagrut Upadhyay 10/10/2022



#88
 Benzo(b)fluoranthene
 Concen: 46.154 ng
 RT: 24.316 min Scan# 3579
 Delta R.T. -0.003 min
 Lab File: BG055096.D
 Acq: 7 Oct 2022 12:29

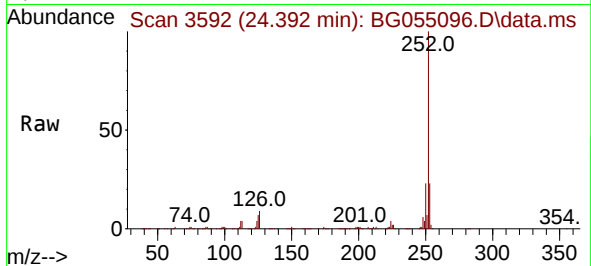
Tgt Ion: 252 Resp: 660861
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.9 26.9
 125 6.9 6.1 9.1





#89
Benzo(k)fluoranthene
Concen: 43.582 ng
RT: 24.392 min Scan# 30
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

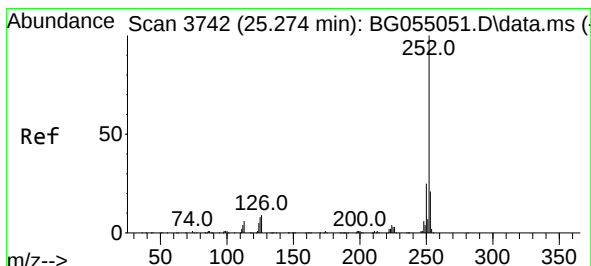
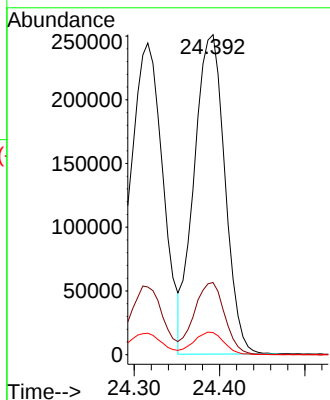
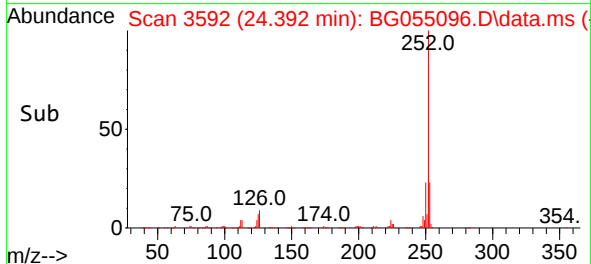
Instrument :
BNA_G
ClientSampleId :
PB148146BS



Tgt Ion:252 Resp: 628678
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 6.9 5.8 8.6

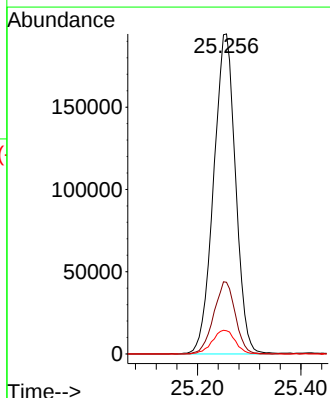
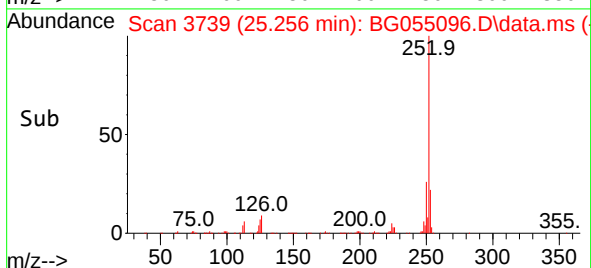
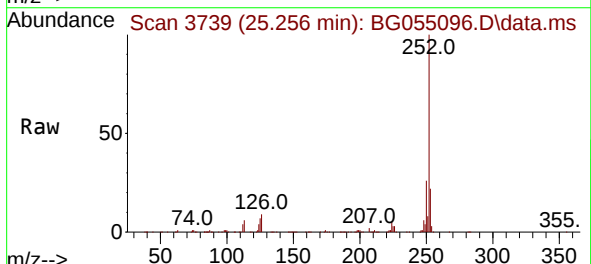
Manual Integrations
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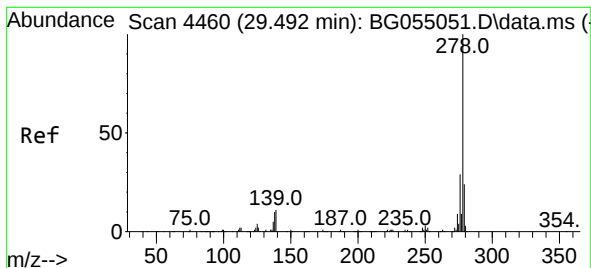
Reviewed By :Christian Giraldo 10/10/2022
Supervised By :Jagrut Upadhyay 10/10/2022



#90
Benzo(a)pyrene
Concen: 46.665 ng
RT: 25.256 min Scan# 3739
Delta R.T. 0.003 min
Lab File: BG055096.D
Acq: 7 Oct 2022 12:29

Tgt Ion:252 Resp: 572679
Ion Ratio Lower Upper
252 100
253 22.4 16.9 25.3
125 7.2 6.6 9.8





#91

Dibenzo(a,h)anthracene

Concen: 45.066 ng

RT: 29.463 min Scan# 4455

Delta R.T. -0.003 min

Lab File: BG055096.D

Acq: 7 Oct 2022 12:29

Instrument :

BNA_G

ClientSampleId :

PB148146BS

Tgt Ion:278 Resp: 64203

Ion Ratio Lower Upper

278 100

139 10.1 8.5 12.7

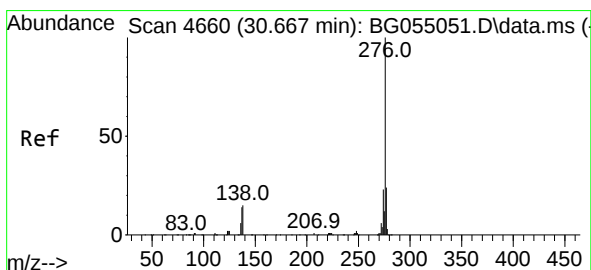
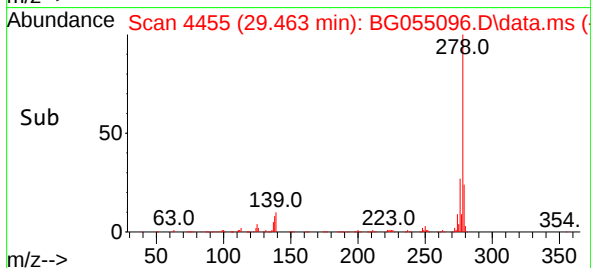
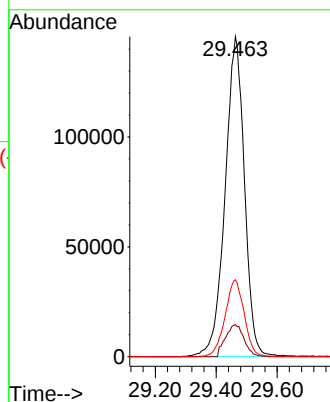
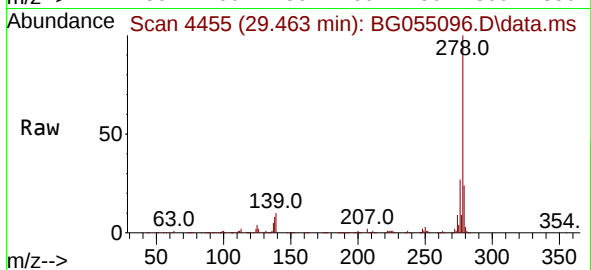
279 24.0 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/10/2022

Supervised By :Jagrut Upadhyay 10/10/2022



#92

Benzo(g,h,i)perylene

Concen: 44.164 ng

RT: 30.632 min Scan# 4654

Delta R.T. 0.003 min

Lab File: BG055096.D

Acq: 7 Oct 2022 12:29

Tgt Ion:276 Resp: 631587

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 14.2 11.8 17.6

