

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
 Data File : BG055811.D
 Acq On : 28 Nov 2022 19:08
 Operator : CG/JU
 Sample : N5772-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-3MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/29/2022
 Supervised By : Jagrut Upadhyay 11/29/2022

Quant Time: Nov 29 02:12:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 02:02:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.224	152	42571	20.000	ng	0.00
21) Naphthalene-d8	11.056	136	183168	20.000	ng	0.00
39) Acenaphthene-d10	14.852	164	135801	20.000	ng	0.00
64) Phenanthrene-d10	17.596	188	308822	20.000	ng	0.00
76) Chrysene-d12	21.891	240	285597	20.000	ng	0.00
86) Perylene-d12	25.281	264	314467	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	319753	135.764	ng	0.00
7) Phenol-d6	7.378	99	423478	135.073	ng	0.00
23) Nitrobenzene-d5	9.405	82	264491	76.321	ng	0.00
42) 2,4,6-Tribromophenol	16.338	330	229768	120.156	ng	0.00
45) 2-Fluorobiphenyl	13.477	172	604201	66.654	ng	0.00
79) Terphenyl-d14	20.175	244	911399	63.828	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.583	88	39334	39.080	ng	99
3) Pyridine	4.000	79	111685	36.171	ng	98
4) n-Nitrosodimethylamine	3.912	42	67350	41.199	ng	91
6) Aniline	7.543	93	133077	33.794	ng	98
8) 2-Chlorophenol	7.789	128	132993	49.395	ng	97
9) Benzaldehyde	7.355	77	70422m	33.074	ng	
10) Phenol	7.408	94	168631	48.037	ng	99
11) bis(2-Chloroethyl)ether	7.631	93	117509	43.680	ng	98
12) 1,3-Dichlorobenzene	8.118	146	139261	43.993	ng	98
13) 1,4-Dichlorobenzene	8.265	146	140844	44.031	ng	99
14) 1,2-Dichlorobenzene	8.589	146	138351	45.135	ng	97
15) Benzyl Alcohol	8.465	79	118945m	46.682	ng	
16) 2,2'-oxybis(1-Chloropr...	8.747	45	211306	43.389	ng	99
17) 2-Methylphenol	8.671	107	118372	47.496	ng	98
18) Hexachloroethane	9.323	117	50334	45.718	ng	92
19) n-Nitroso-di-n-propyla...	9.029	70	101766	42.246	ng	97
20) 3+4-Methylphenols	9.000	107	165071	47.413	ng	99
22) Acetophenone	9.053	105	202080	42.457	ng	# 98
24) Nitrobenzene	9.446	77	152291	42.072	ng	99
25) Isophorone	9.963	82	287582	43.797	ng	99
26) 2-Nitrophenol	10.157	139	79426	47.531	ng	96
27) 2,4-Dimethylphenol	10.210	122	135199m	53.161	ng	
28) bis(2-Chloroethoxy)met...	10.445	93	164749	46.737	ng	100
29) 2,4-Dichlorophenol	10.698	162	144093	47.336	ng	96
30) 1,2,4-Trichlorobenzene	10.915	180	147409	41.682	ng	99
31) Naphthalene	11.109	128	422804	42.700	ng	99
32) Benzoic acid	10.357	122	94291	45.064	ng	97
33) 4-Chloroaniline	11.209	127	111841	27.381	ng	99
34) Hexachlorobutadiene	11.385	225	95617	39.596	ng	97
35) Caprolactam	11.990	113	49059m	46.572	ng	
36) 4-Chloro-3-methylphenol	12.319	107	160498	47.972	ng	98
37) 2-Methylnaphthalene	12.695	142	319820	43.138	ng	99
38) 1-Methylnaphthalene	12.913	142	303434	42.159	ng	99
40) 1,2,4,5-Tetrachloroben...	13.060	216	184467	43.225	ng	99
41) Hexachlorocyclopentadiene	13.036	237	133836	62.223	ng	99
43) 2,4,6-Trichlorophenol	13.295	196	130165	44.713	ng	99

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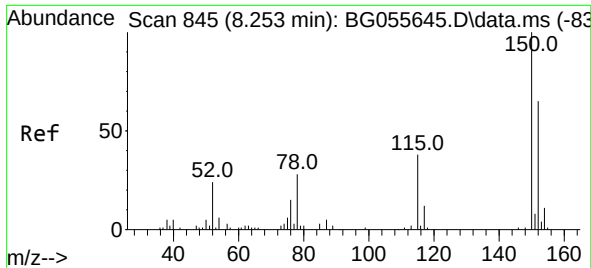
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.371	196	141540	44.244	ng	98
46) 1,1'-Biphenyl	13.688	154	433584	43.814	ng	99
47) 2-Chloronaphthalene	13.741	162	332709	43.255	ng	99
48) 2-Nitroaniline	13.935	65	114334	45.211	ng	97
49) Acenaphthylene	14.582	152	568838	44.910	ng	100
50) Dimethylphthalate	14.294	163	438984	40.551	ng	100
51) 2,6-Dinitrotoluene	14.423	165	97227	43.925	ng	98
52) Acenaphthene	14.916	154	380939m	46.017	ng	
53) 3-Nitroaniline	14.752	138	82347	33.889	ng	99
54) 2,4-Dinitrophenol	14.963	184	68791	54.053	ng	96
55) Dibenzofuran	15.245	168	549886	43.058	ng	99
56) 4-Nitrophenol	15.063	139	165374	86.716	ng	99
57) 2,4-Dinitrotoluene	15.210	165	141253	45.262	ng	95
58) Fluorene	15.898	166	453550	44.466	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.475	232	130161	41.990	ng	99
60) Diethylphthalate	15.645	149	443949	40.562	ng	99
61) 4-Chlorophenyl-phenyle...	15.880	204	235259	41.959	ng	97
62) 4-Nitroaniline	15.915	138	98990	38.972	ng	98
63) Azobenzene	16.174	77	411773	43.094	ng	98
65) 4,6-Dinitro-2-methylph...	15.974	198	58083	33.683	ng	100
66) n-Nitrosodiphenylamine	16.092	169	387131	45.487	ng	99
67) 4-Bromophenyl-phenylether	16.773	248	157044	44.632	ng	97
68) Hexachlorobenzene	16.902	284	171029	43.835	ng	99
69) Atrazine	17.032	200	157730	46.860	ng	98
70) Pentachlorophenol	17.243	266	198669	83.238	ng	98
71) Phenanthrene	17.637	178	1108164	66.495	ng	99
72) Anthracene	17.731	178	757881	46.805	ng	100
73) Carbazole	17.995	167	651752	44.773	ng	98
74) Di-n-butylphthalate	18.524	149	758125	41.943	ng	99
75) Fluoranthene	19.634	202	1448665	71.452	ng	96
77) Benzidine	19.805	184	199878	30.252	ng	99
78) Pyrene	19.999	202	1542190	79.776	ng	96
80) Butylbenzylphthalate	20.857	149	333230	44.032	ng	99
81) Benzo(a)anthracene	21.867	228	1159269	58.934	ng	97
82) 3,3'-Dichlorobenzidine	21.773	252	252449	36.523	ng	98
83) Chrysene	21.938	228	1102074	58.851	ng	98
84) Bis(2-ethylhexyl)phtha...	21.732	149	488489	44.914	ng	99
85) Di-n-octyl phthalate	22.995	149	825587	44.356	ng	100
87) Indeno(1,2,3-cd)pyrene	29.200	276	1209008	46.930	ng	# 95
88) Benzo(b)fluoranthene	24.206	252	1213668	59.262	ng	99
89) Benzo(k)fluoranthene	24.270	252	1020741	50.001	ng	98
90) Benzo(a)pyrene	25.128	252	1098983	62.534	ng	98
91) Dibenzo(a,h)anthracene	29.264	278	889106	42.234	ng	98
92) Benzo(g,h,i)perylene	30.434	276	1052514	49.605	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.224 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG055811.D
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Instrument :

BNA_G

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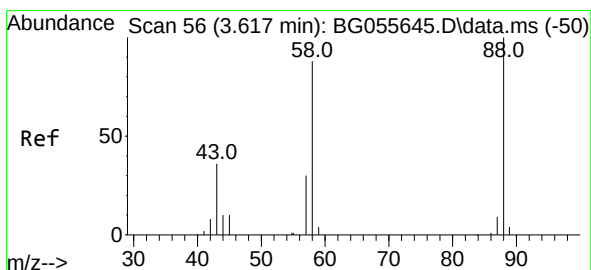
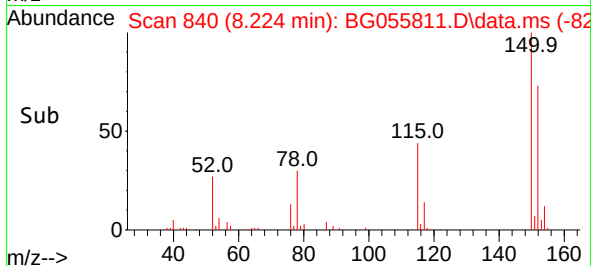
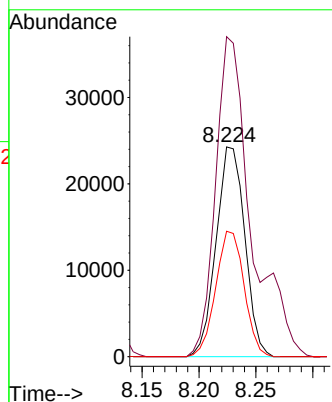
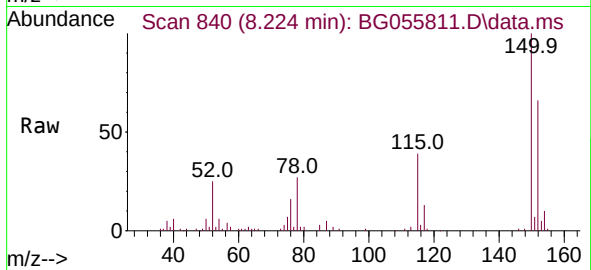
LOCATION-3MS

Tgt Ion:152 Resp: 4257
Ion Ratio Lower Upper
152 100
150 152.6 123.0 184.6
115 59.8 47.0 70.4

Manual Integrations

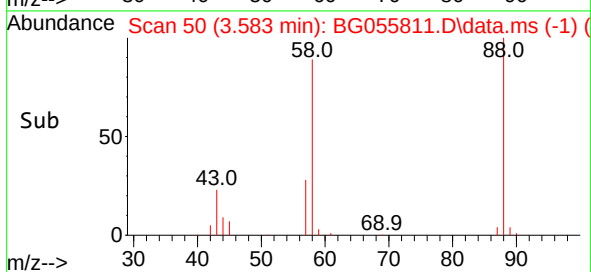
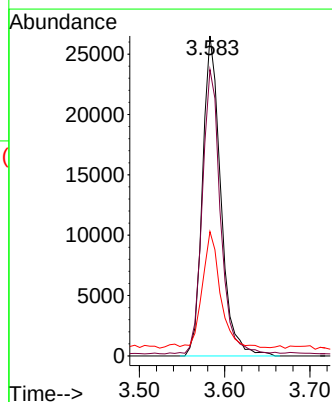
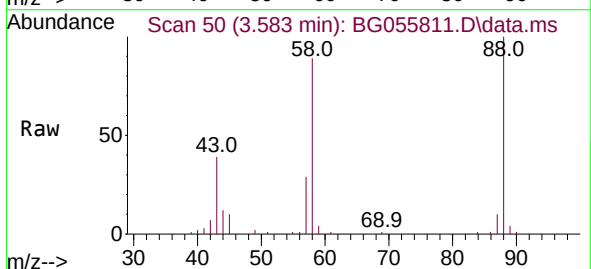
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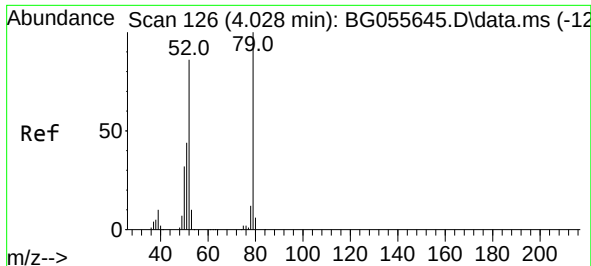
Reviewed By :Christian Giraldo 11/29/2022
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#2
1,4-Dioxane
Concen: 39.080 ng
RT: 3.583 min Scan# 50
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

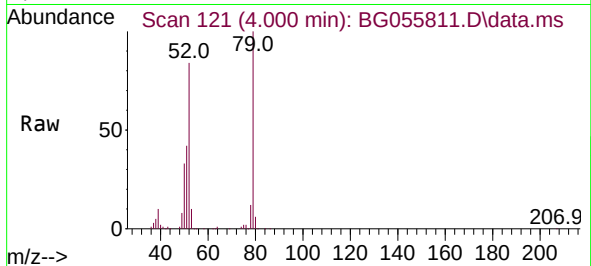
Tgt Ion: 88 Resp: 39334
Ion Ratio Lower Upper
88 100
58 88.5 71.3 106.9
43 35.5 28.6 43.0





#3
Pyridine
Concen: 36.171 ng
RT: 4.000 min Scan# 111
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

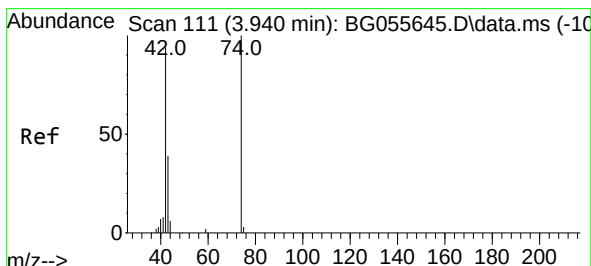
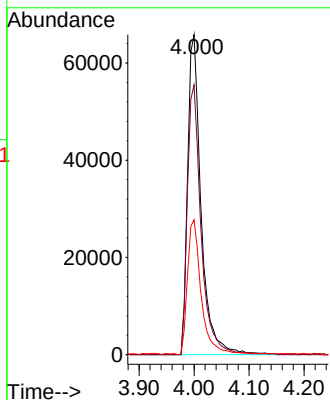
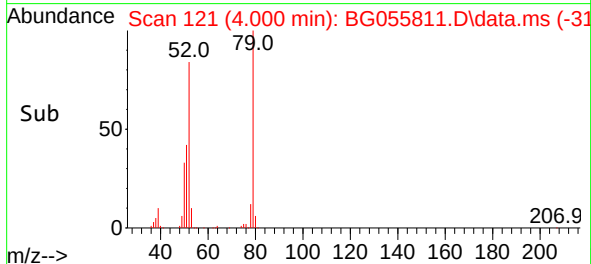
Instrument :
BNA_G
ClientSampleId :
LOCATION-3MS



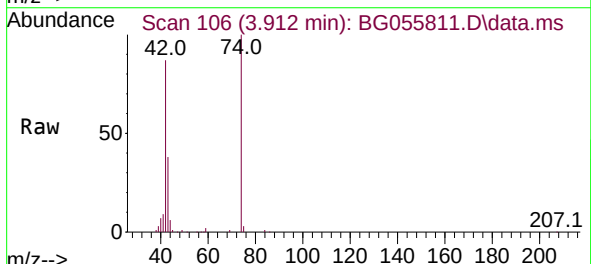
Tgt Ion: 79 Resp: 111685
Ion Ratio Lower Upper
79 100
52 84.2 68.9 103.3
51 42.1 34.8 52.2

Manual Integrations
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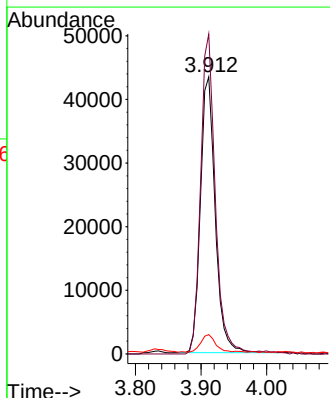
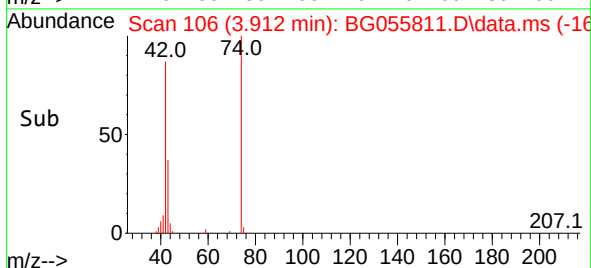
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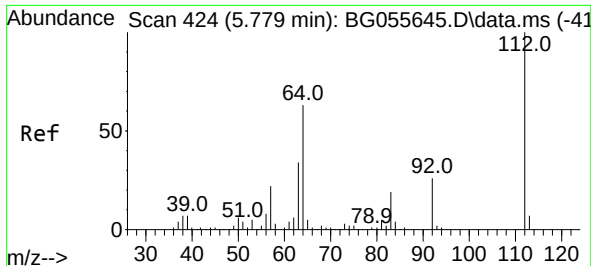


#4
n-Nitrosodimethylamine
Concen: 41.199 ng
RT: 3.912 min Scan# 106
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08



Tgt Ion: 42 Resp: 67350
Ion Ratio Lower Upper
42 100
74 115.5 84.7 127.1
44 7.0 5.4 8.0





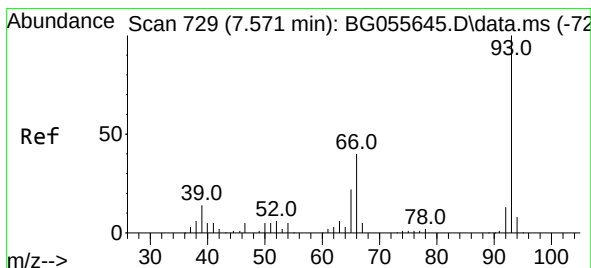
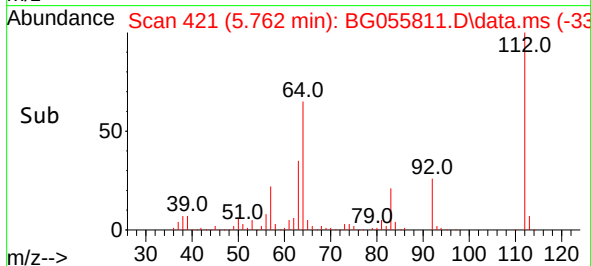
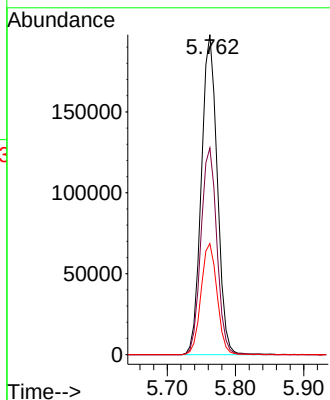
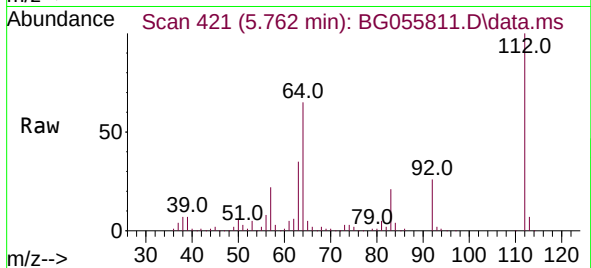
#5
2-Fluorophenol
Concen: 135.764 ng
RT: 5.762 min Scan# 41
Delta R.T. 0.005 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Instrument :
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ClientSampleId :
LOCATION-3MS

Tgt Ion:112 Resp: 31975
Ion Ratio Lower Upper
112 100
64 64.6 50.6 76.0
63 34.7 27.5 41.3

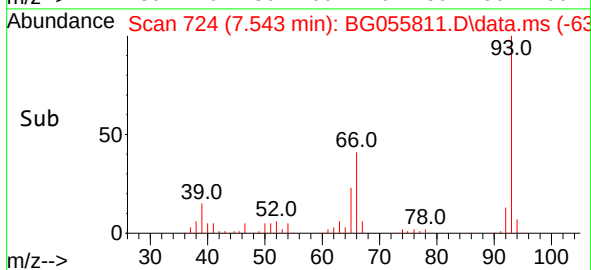
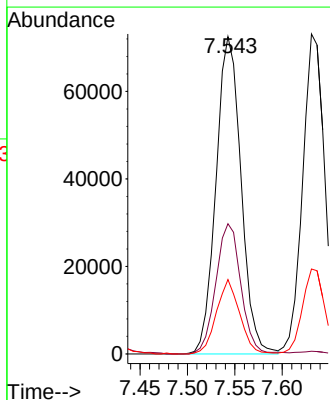
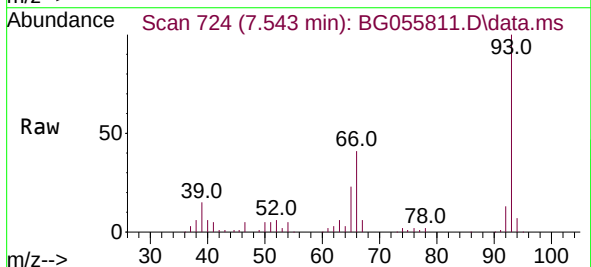
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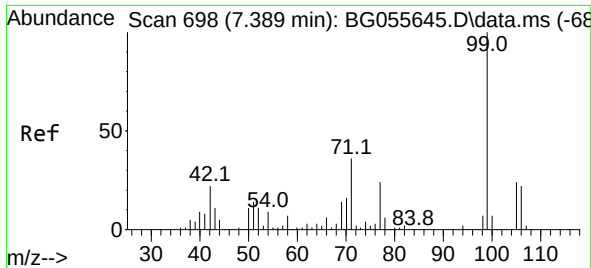
Reviewed By :Christian Giraldo 11/29/2022
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#6
Aniline
Concen: 33.794 ng
RT: 7.543 min Scan# 724
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Tgt Ion: 93 Resp: 133077
Ion Ratio Lower Upper
93 100
66 41.0 31.7 47.5
65 23.4 17.9 26.9





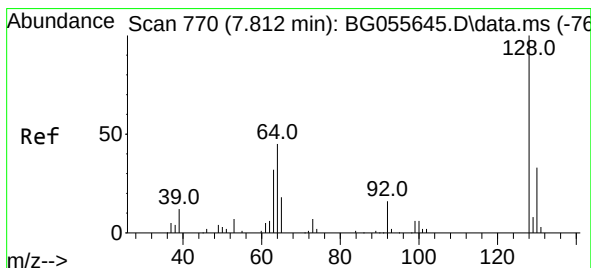
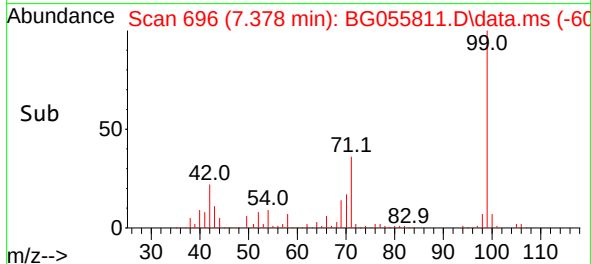
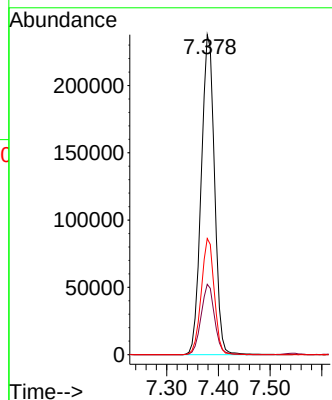
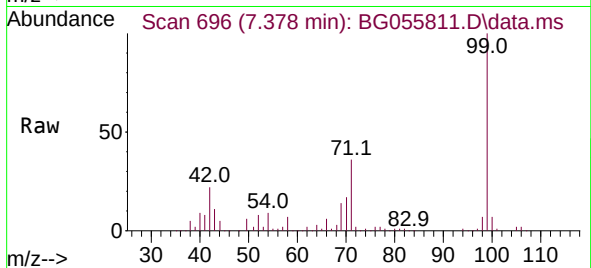
#7
Phenol-d6
Concen: 135.073 ng
RT: 7.378 min Scan# 698
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 99 Resp: 423478
Ion Ratio Lower Upper
99 100
42 22.0 18.0 27.0
71 36.3 29.0 43.6

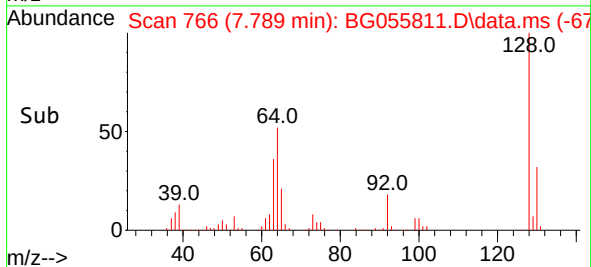
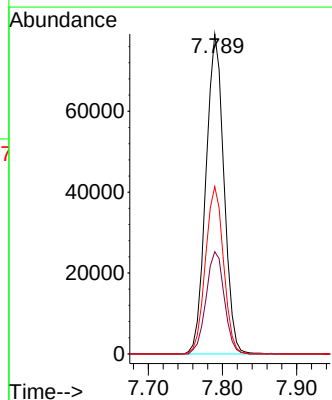
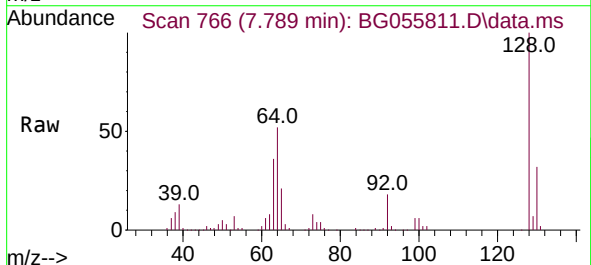
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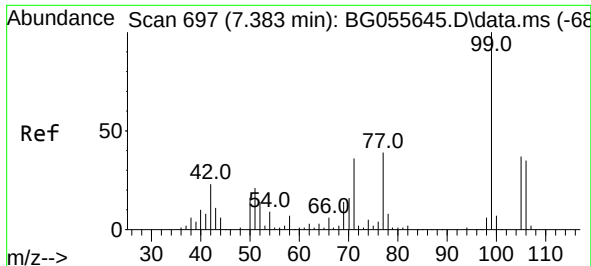
Reviewed By :Christian Giraldo 11/29/2022
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#8
2-Chlorophenol
Concen: 49.395 ng
RT: 7.789 min Scan# 766
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

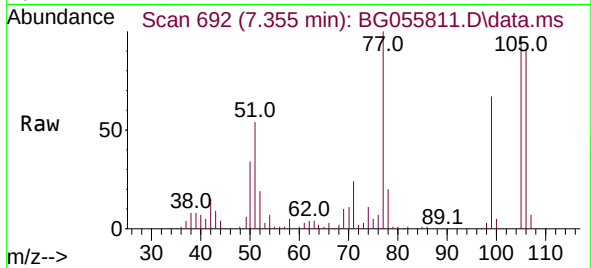
Tgt Ion:128 Resp: 132993
Ion Ratio Lower Upper
128 100
130 31.9 13.1 53.1
64 52.3 30.2 70.2





#9
Benzaldehyde
Concen: 33.074 ng m
RT: 7.355 min Scan# 69
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

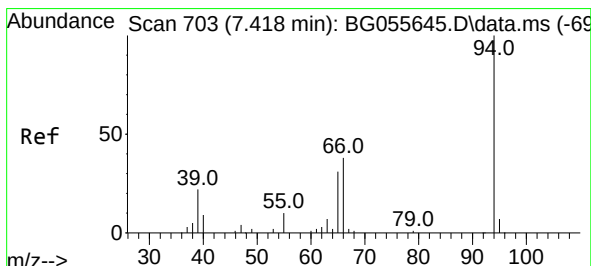
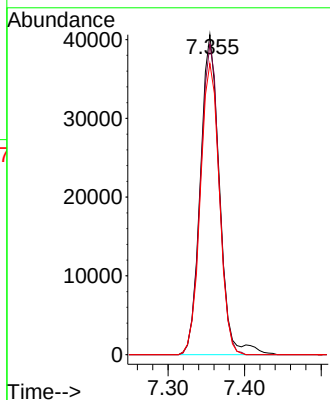
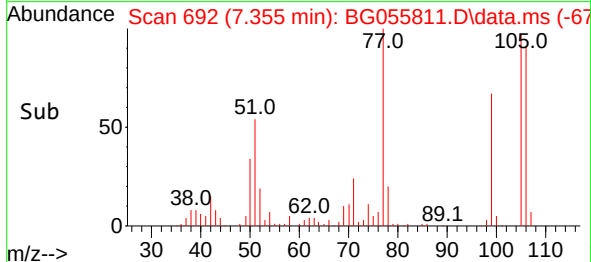
Instrument :
BNA_G
ClientSampleId :
LOCATION-3MS



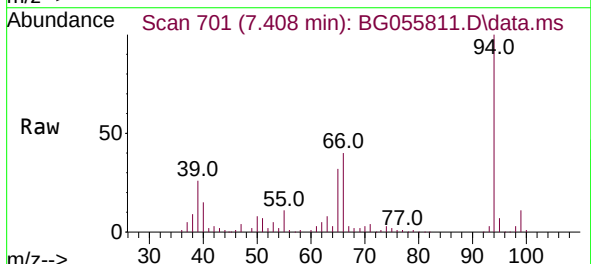
Tgt Ion: 77 Resp: 7042
Ion Ratio Lower Upper
77 100
105 97.0 76.3 116.3
106 91.0 69.8 109.8

Manual Integrations
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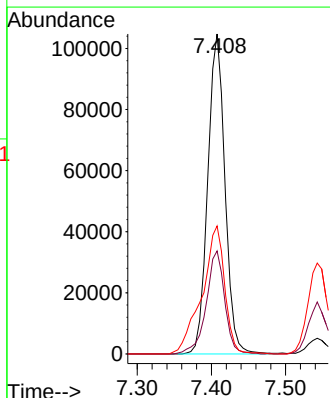
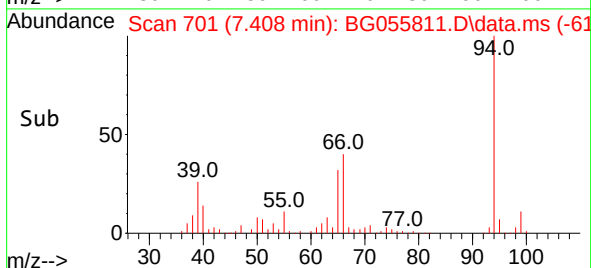
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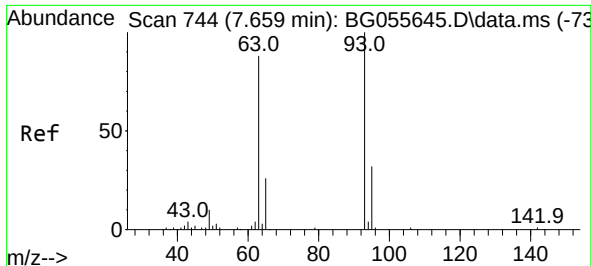


#10
Phenol
Concen: 48.037 ng
RT: 7.408 min Scan# 701
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08



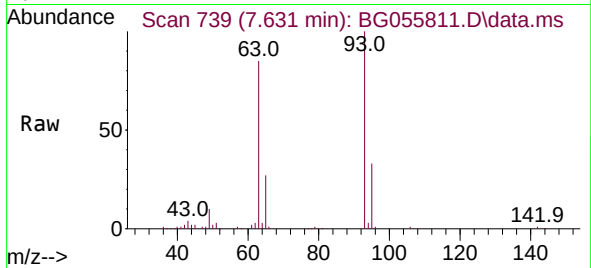
Tgt Ion: 94 Resp: 168631
Ion Ratio Lower Upper
94 100
65 32.2 11.8 51.8
66 40.0 20.5 60.5





#11
bis(2-Chloroethyl)ether
Concen: 43.680 ng
RT: 7.631 min Scan# 744
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

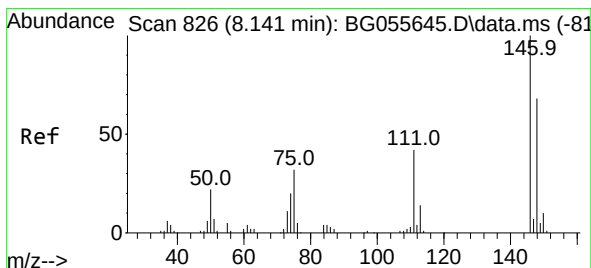
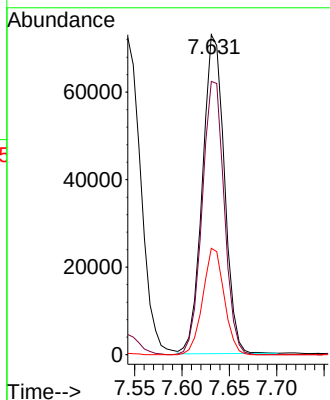
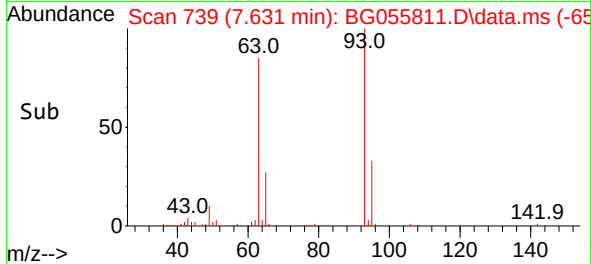
Instrument :
BNA_G
ClientSampleId :
LOCATION-3MS



Tgt Ion: 93 Resp: 117509
Ion Ratio Lower Upper
93 100
63 85.4 67.6 107.6
95 33.2 11.8 51.8

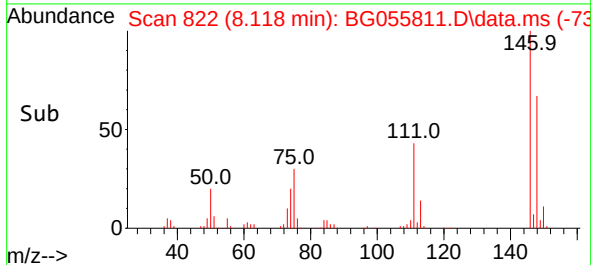
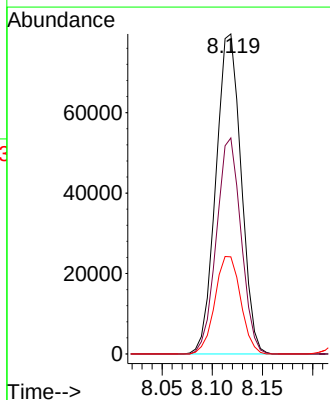
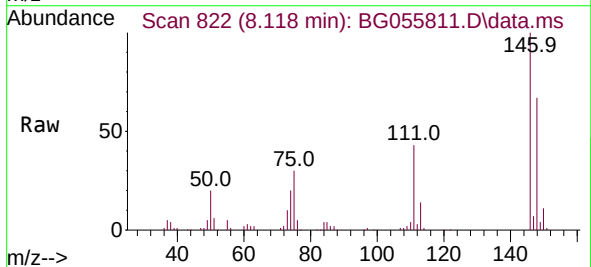
Manual Integrations
APPROVED

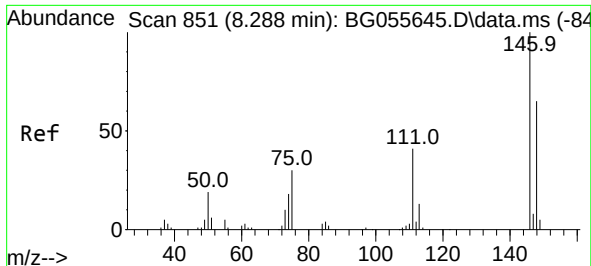
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#12
1,3-Dichlorobenzene
Concen: 43.993 ng
RT: 8.118 min Scan# 822
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

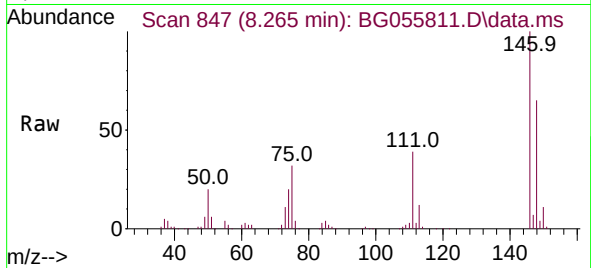
Tgt Ion:146 Resp: 139261
Ion Ratio Lower Upper
146 100
148 67.5 54.6 81.8
75 30.3 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 44.031 ng
RT: 8.265 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

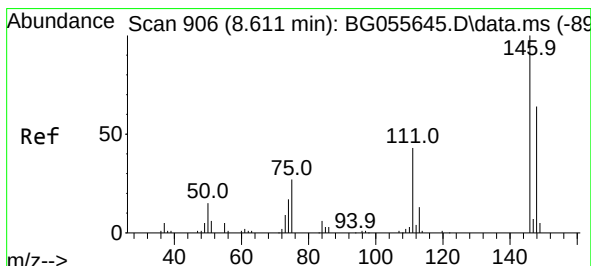
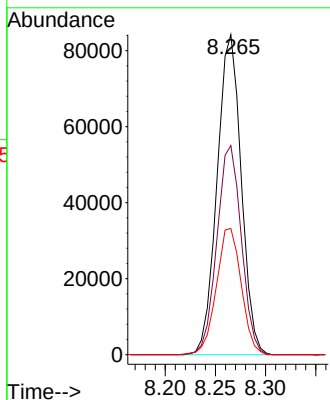
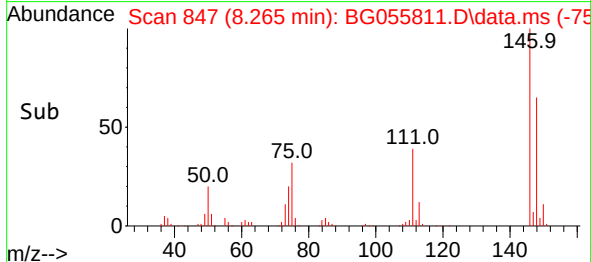
Instrument :
BNA_G
ClientSampleId :
LOCATION-3MS



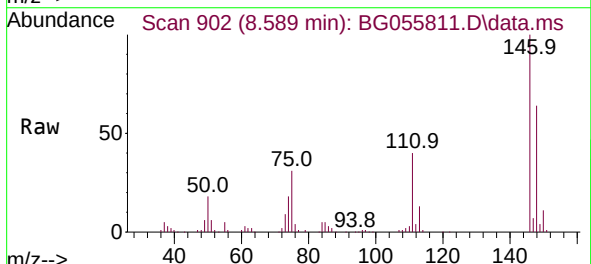
Tgt Ion:146 Resp: 140844
Ion Ratio Lower Upper
146 100
148 65.3 52.1 78.1
111 39.4 33.0 49.4

Manual Integrations
APPROVED

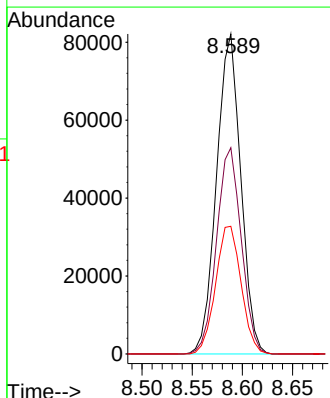
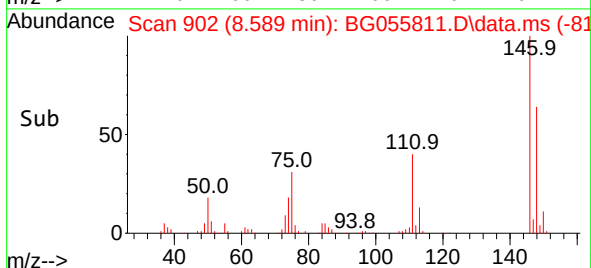
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

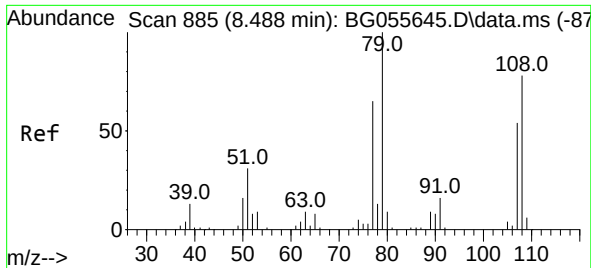


#14
1,2-Dichlorobenzene
Concen: 45.135 ng
RT: 8.589 min Scan# 902
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08



Tgt Ion:146 Resp: 138351
Ion Ratio Lower Upper
146 100
148 64.4 50.9 76.3
111 39.9 34.5 51.7





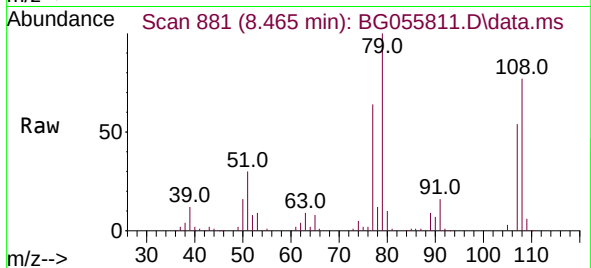
#15
Benzyl Alcohol
Concen: 46.682 ng m
RT: 8.465 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Instrument :

BNA_G

ClientSampleId :

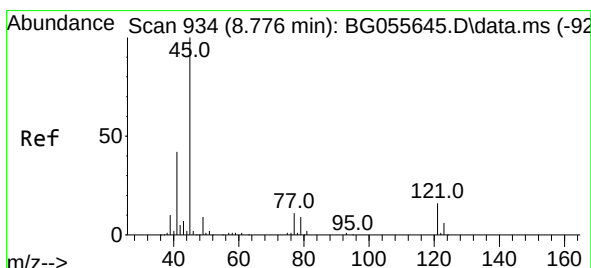
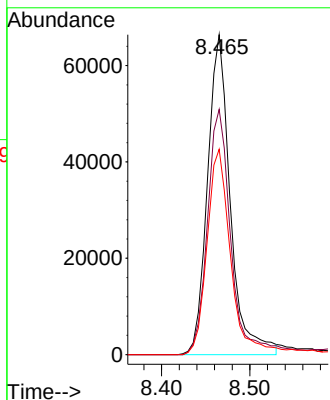
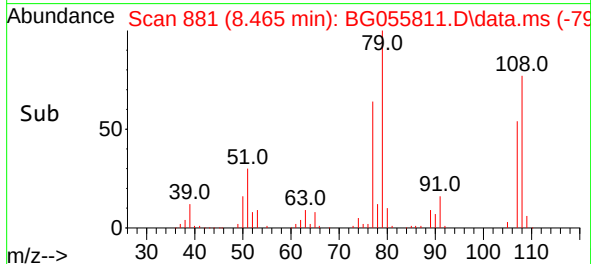
LOCATION-3MS



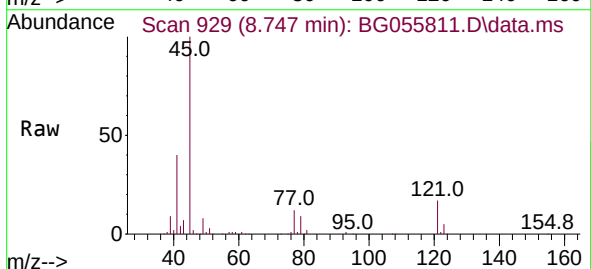
Tgt Ion: 79 Resp: 118945
Ion Ratio Lower Upper
79 100
108 76.6 62.6 93.8
77 64.2 52.4 78.6

Manual Integrations
APPROVED

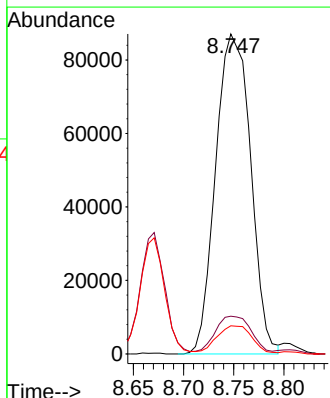
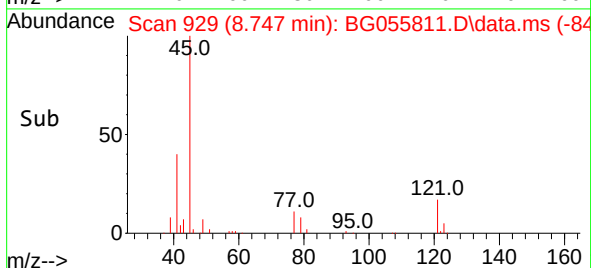
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

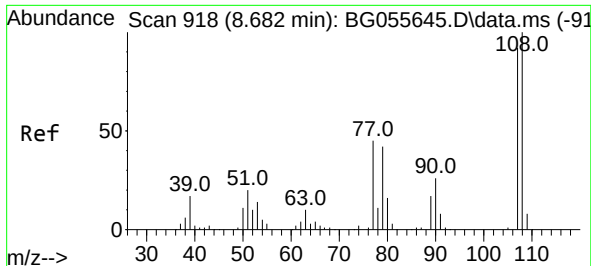


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.389 ng
RT: 8.747 min Scan# 929
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08



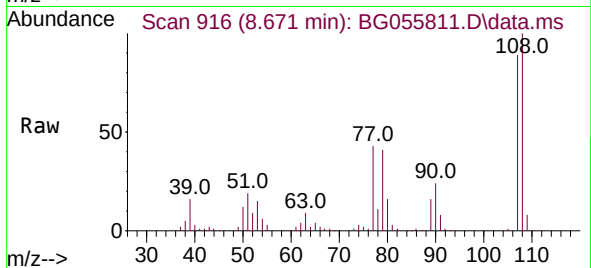
Tgt Ion: 45 Resp: 211306
Ion Ratio Lower Upper
45 100
77 11.8 0.0 31.7
79 8.8 0.0 29.5





#17
2-Methylphenol
Concen: 47.496 ng
RT: 8.671 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

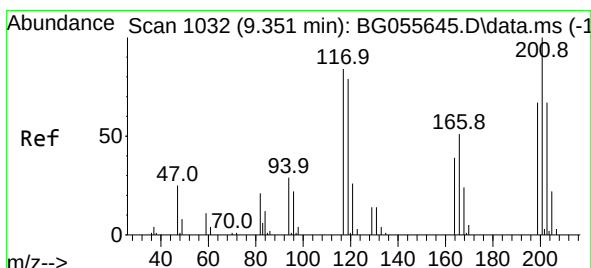
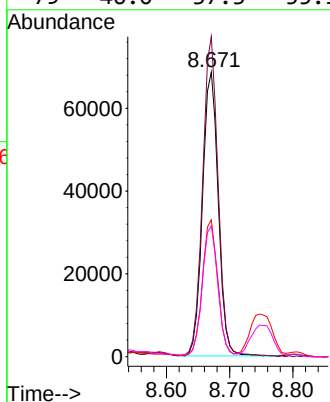
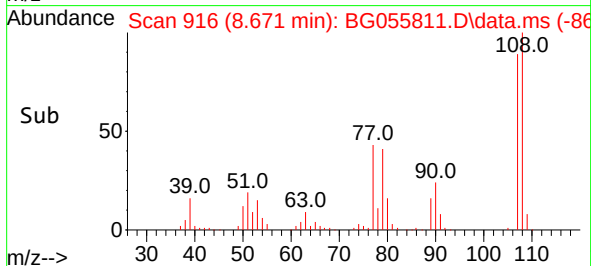
Instrument :
BNA_G
ClientSampleId :
LOCATION-3MS



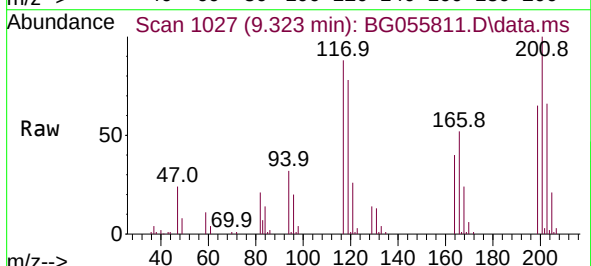
Tgt Ion:107 Resp: 118372
Ion Ratio Lower Upper
107 100
108 112.5 87.3 130.9
77 48.1 39.4 59.0
79 46.0 37.3 55.9

Manual Integrations
APPROVED

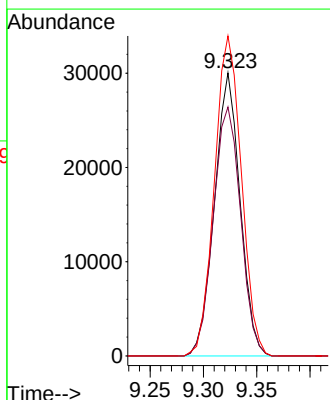
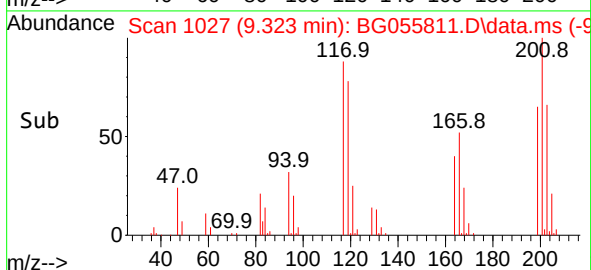
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

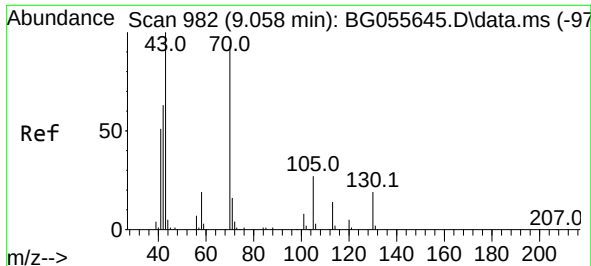


#18
Hexachloroethane
Concen: 45.718 ng
RT: 9.323 min Scan# 1027
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08



Tgt Ion:117 Resp: 50334
Ion Ratio Lower Upper
117 100
119 88.0 76.0 114.0
201 113.1 98.6 148.0





#19

n-Nitroso-di-n-propylamine

Concen: 42.246 ng

RT: 9.029 min Scan# 91

Delta R.T. -0.007 min

Lab File: BG055811.D

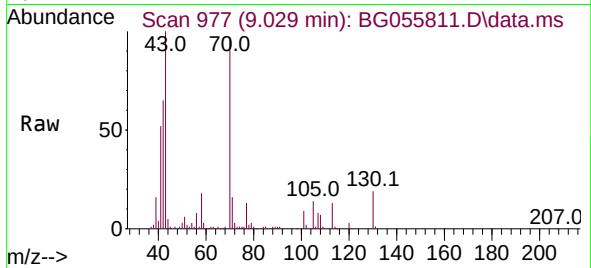
Acq: 28 Nov 2022 19:08

Instrument :

BNA_G

ClientSampleId :

LOCATION-3MS



Tgt Ion: 70 Resp: 101766

Ion Ratio Lower Upper

70 100

42 66.6 55.2 82.8

101 9.4 7.1 10.7

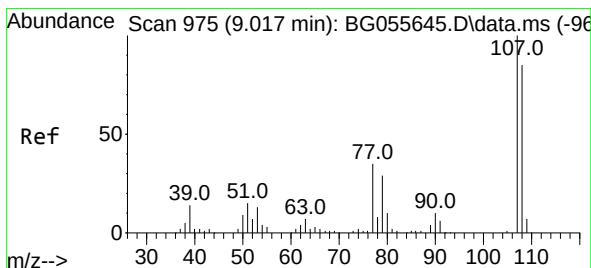
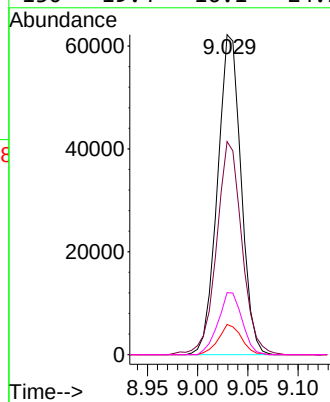
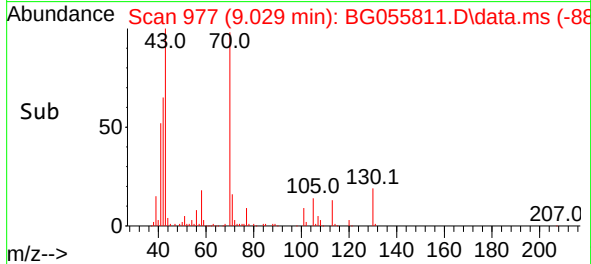
130 19.4 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/29/2022

Supervised By :Jagrut Upadhyay 11/29/2022



#20

3+4-Methylphenols

Concen: 47.413 ng

RT: 9.000 min Scan# 972

Delta R.T. -0.001 min

Lab File: BG055811.D

Acq: 28 Nov 2022 19:08

Tgt Ion:107 Resp: 165071

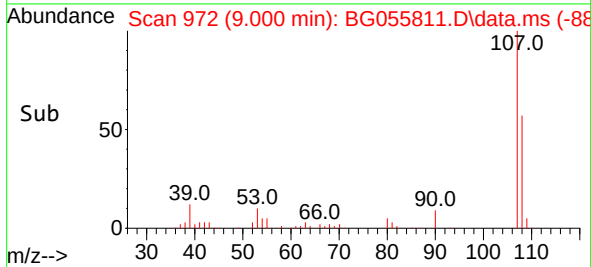
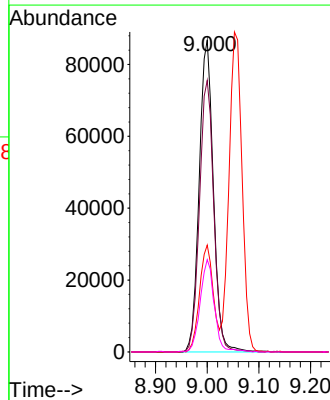
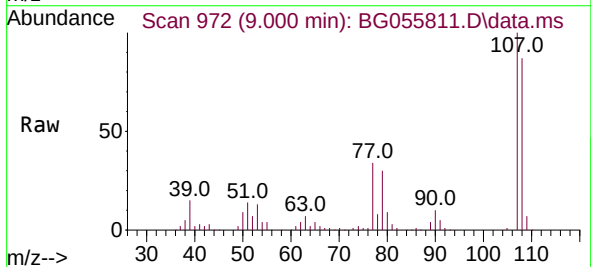
Ion Ratio Lower Upper

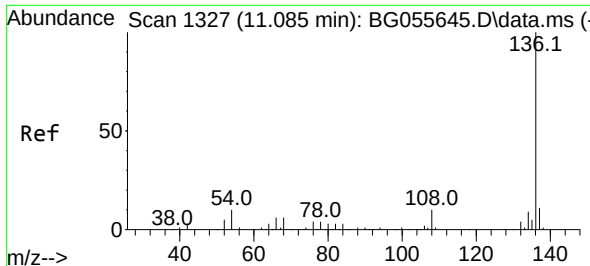
107 100

108 87.1 65.5 105.5

77 34.3 14.6 54.6

79 29.6 9.4 49.4





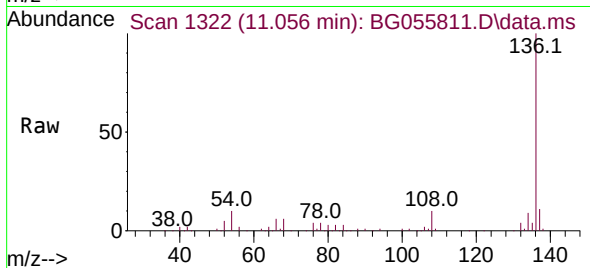
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.056 min Scan# 1327
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Instrument :

BNA_G

ClientSampleId :

LOCATION-3MS

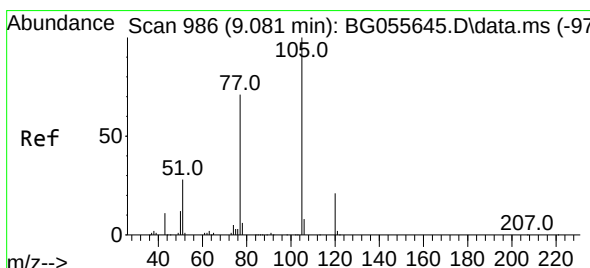
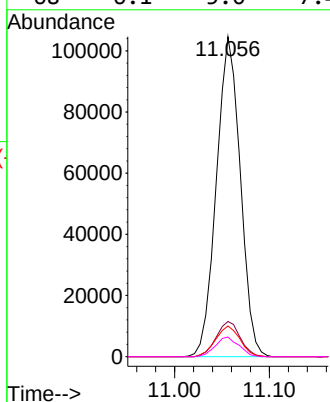
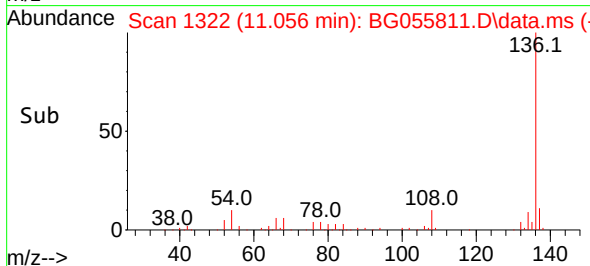


Tgt Ion:136 Resp: 183168
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 9.6 7.8 11.6
68 6.1 5.0 7.4

Manual Integrations

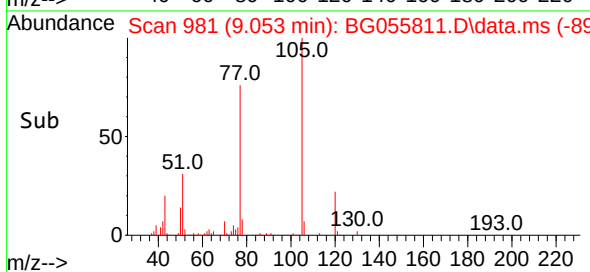
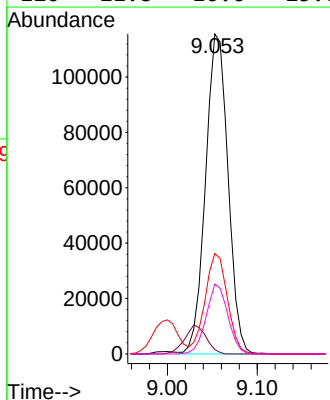
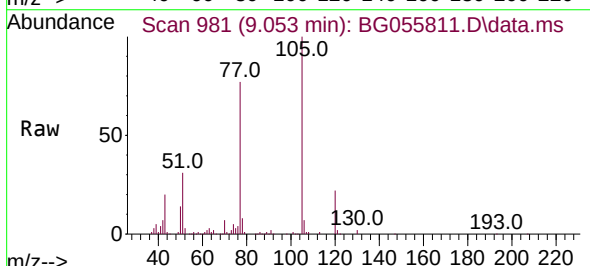
APPROVED

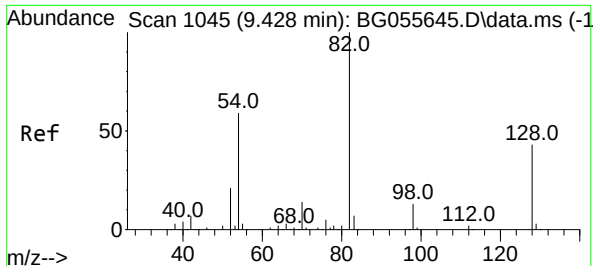
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#22
Acetophenone
Concen: 42.457 ng
RT: 9.053 min Scan# 981
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Tgt Ion:105 Resp: 202080
Ion Ratio Lower Upper
105 100
71 1.3 0.6 1.0#
51 31.4 24.5 36.7
120 21.8 16.6 25.0





#23

Nitrobenzene-d5

Concen: 76.321 ng

RT: 9.405 min Scan# 1041

Delta R.T. -0.001 min

Lab File: BG055811.D

Acq: 28 Nov 2022 19:08

Instrument :

BNA_G

ClientSampleId :

LOCATION-3MS

Tgt Ion: 82 Resp: 264491

Ion Ratio Lower Upper

82 100

128 41.7 34.1 51.1

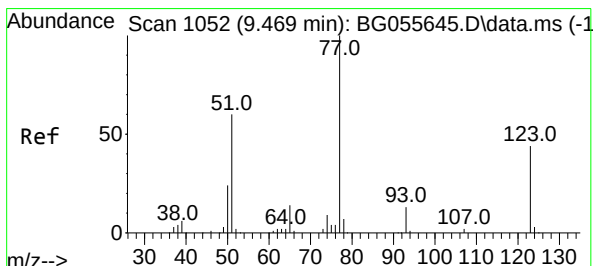
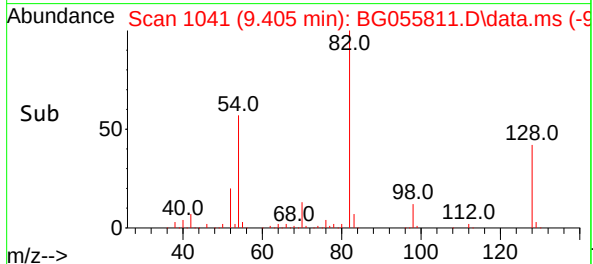
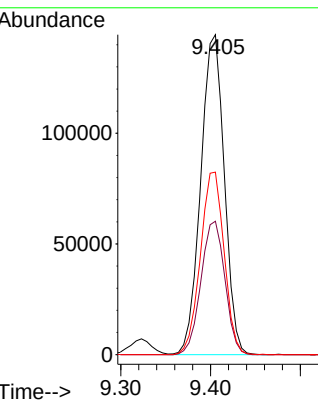
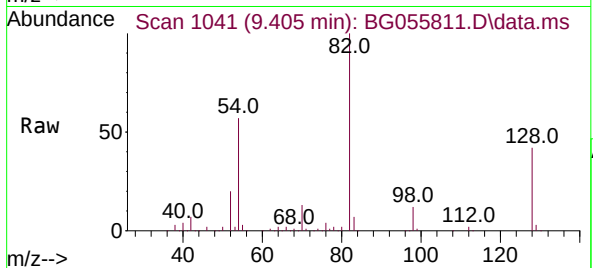
54 57.0 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/29/2022

Supervised By :Jagrut Upadhyay 11/29/2022



#24

Nitrobenzene

Concen: 42.072 ng

RT: 9.446 min Scan# 1048

Delta R.T. -0.001 min

Lab File: BG055811.D

Acq: 28 Nov 2022 19:08

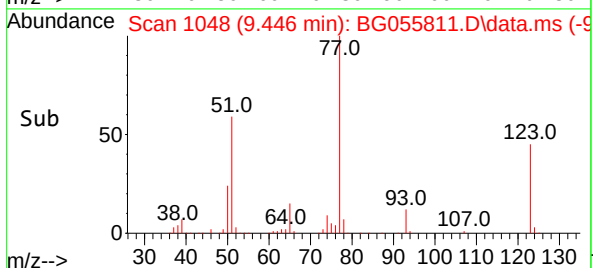
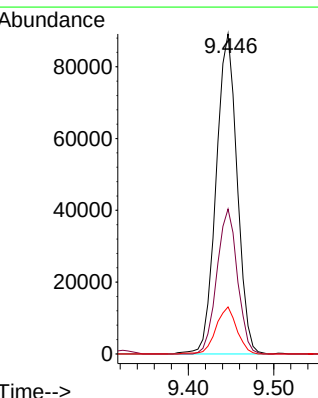
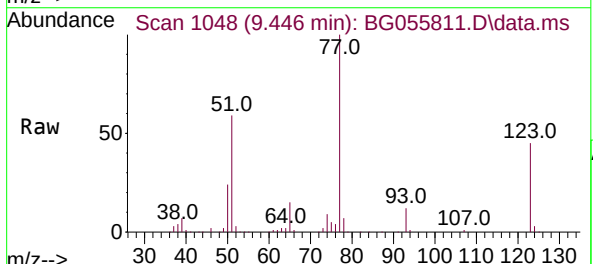
Tgt Ion: 77 Resp: 152291

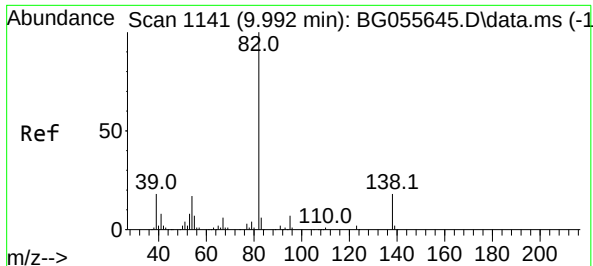
Ion Ratio Lower Upper

77 100

123 45.3 35.5 53.3

65 14.7 11.5 17.3





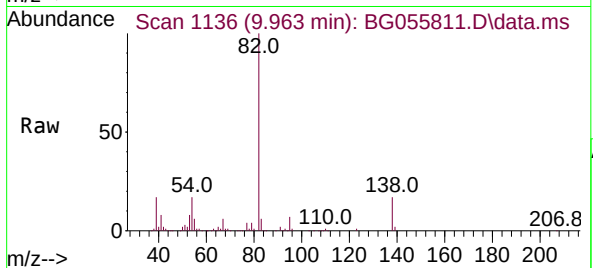
#25
Isophorone
Concen: 43.797 ng
RT: 9.963 min Scan# 11169
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Instrument :

BNA_G

ClientSampleId :

LOCATION-3MS

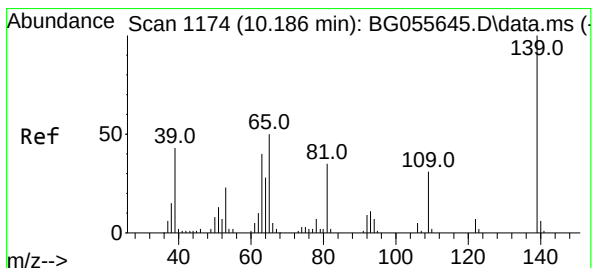
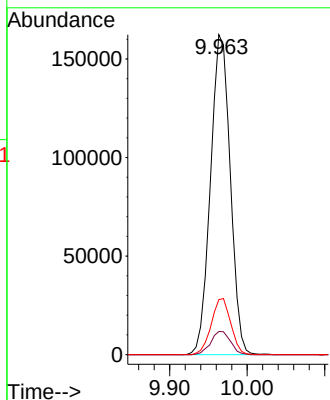
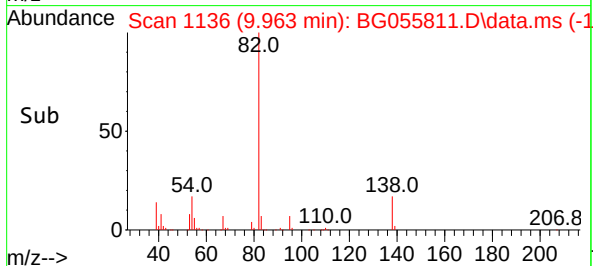


Tgt Ion: 82 Resp: 287582
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.2 14.2 21.4

Manual Integrations

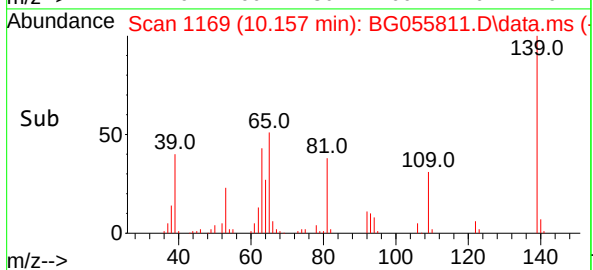
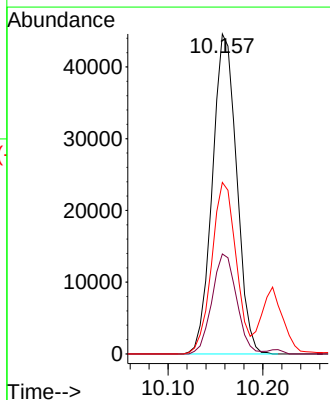
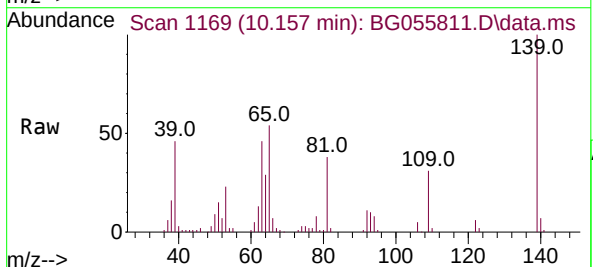
APPROVED

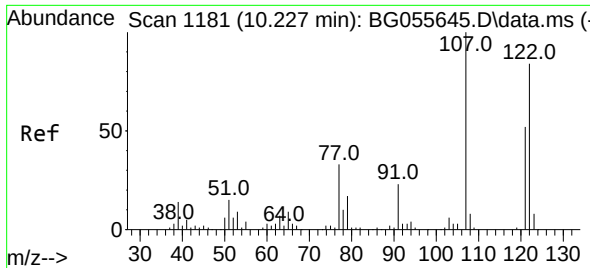
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#26
2-Nitrophenol
Concen: 47.531 ng
RT: 10.157 min Scan# 1169
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Tgt Ion:139 Resp: 79426
Ion Ratio Lower Upper
139 100
109 31.2 24.4 36.6
65 53.6 40.2 60.2





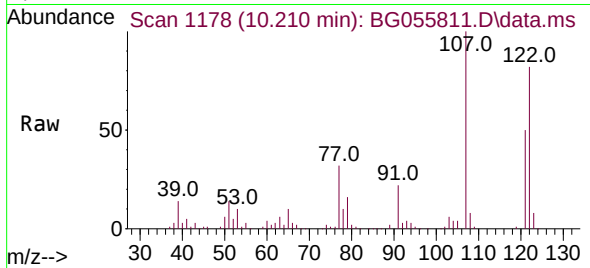
#27
2,4-Dimethylphenol
Concen: 53.161 ng m
RT: 10.210 min Scan# 1181
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Instrument :

BNA_G

ClientSampleId :

LOCATION-3MS

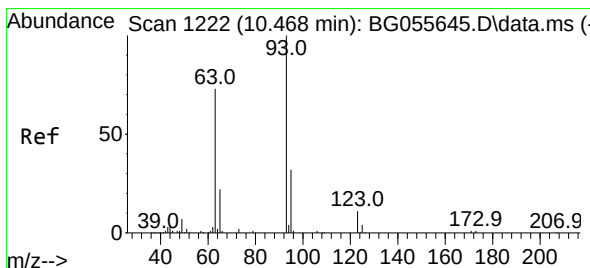
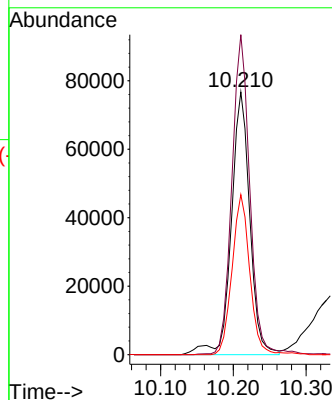
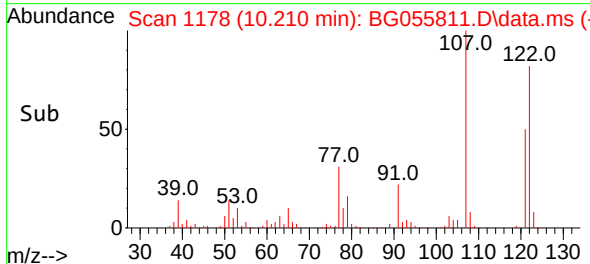


Tgt Ion:122 Resp: 135199
Ion Ratio Lower Upper
122 100
107 121.9 95.8 143.6
121 60.9 49.6 74.4

Manual Integrations

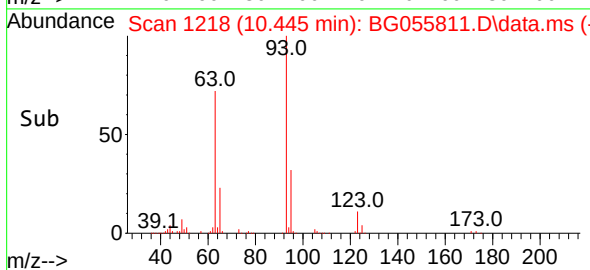
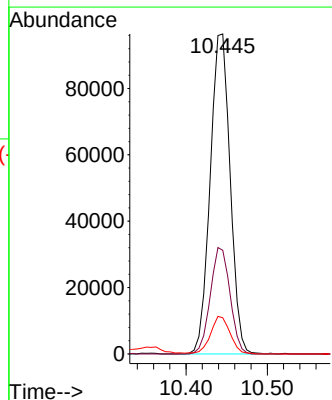
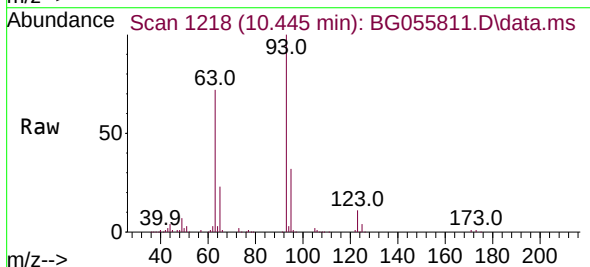
APPROVED

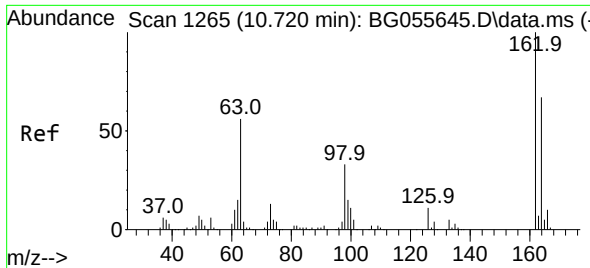
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#28
bis(2-Chloroethoxy)methane
Concen: 46.737 ng
RT: 10.445 min Scan# 1218
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Tgt Ion: 93 Resp: 164749
Ion Ratio Lower Upper
93 100
95 32.4 25.7 38.5
123 11.3 8.9 13.3





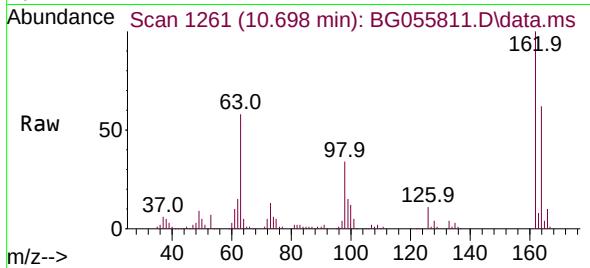
#29
2,4-Dichlorophenol
Concen: 47.336 ng
RT: 10.698 min Scan# 1261
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Instrument :

BNA_G

ClientSampleId :

LOCATION-3MS

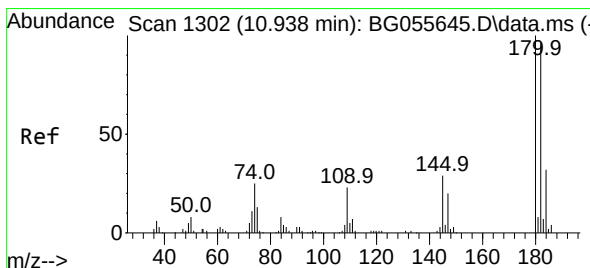
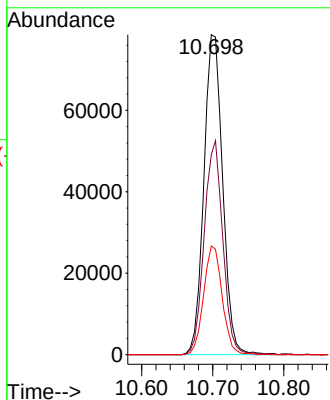
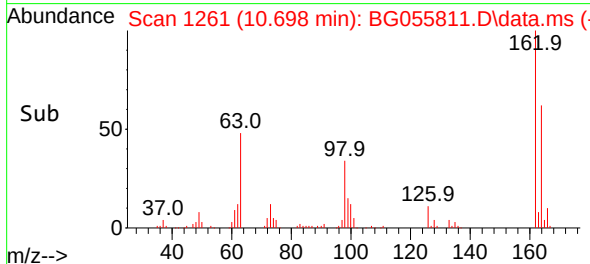


Tgt Ion:162 Resp: 144093
Ion Ratio Lower Upper
162 100
164 62.5 46.7 86.7
98 33.9 12.8 52.8

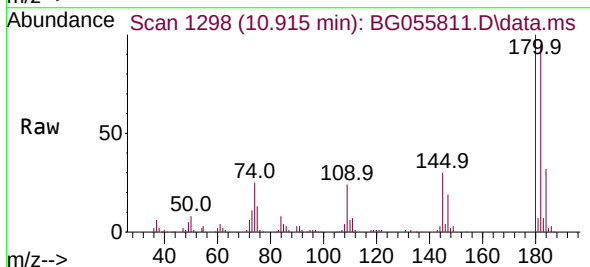
Manual Integrations

APPROVED

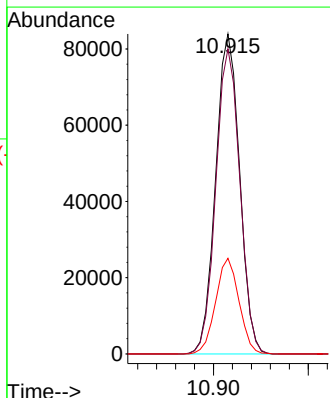
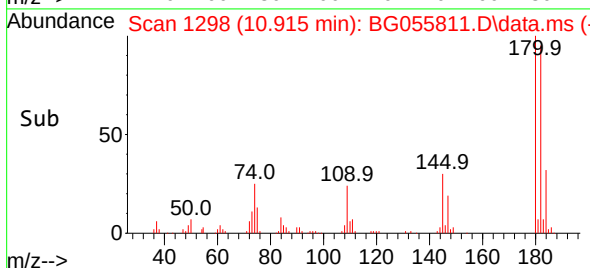
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

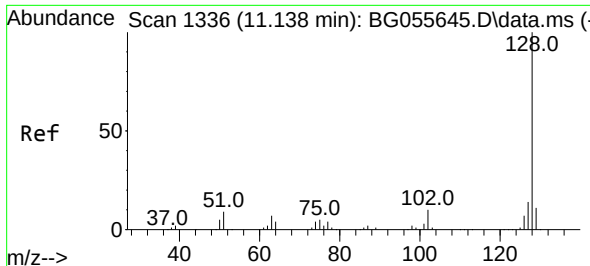


#30
1,2,4-Trichlorobenzene
Concen: 41.682 ng
RT: 10.915 min Scan# 1298
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08



Tgt Ion:180 Resp: 147409
Ion Ratio Lower Upper
180 100
182 95.3 77.1 115.7
145 29.9 22.9 34.3





#31
Naphthalene
Concen: 42.700 ng
RT: 11.109 min Scan# 1336
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Instrument :

BNA_G

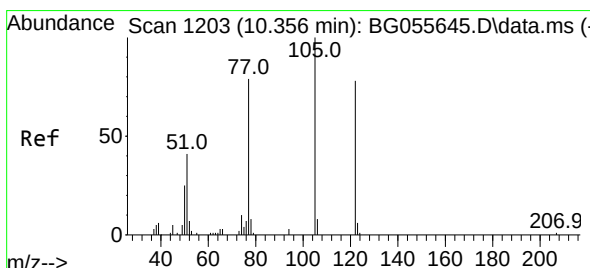
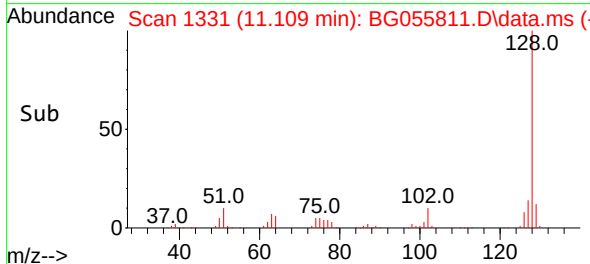
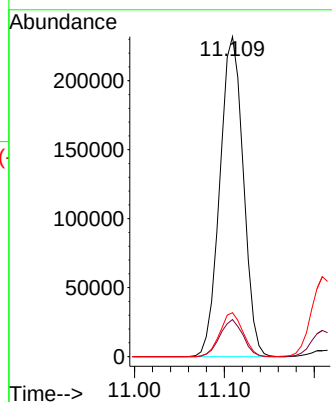
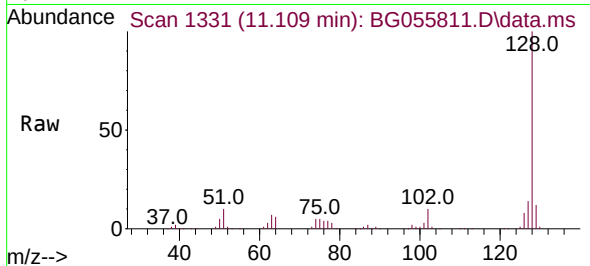
ClientSampleId :

LOCATION-3MS

Tgt Ion:128 Resp: 422804
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.7 10.9 16.3

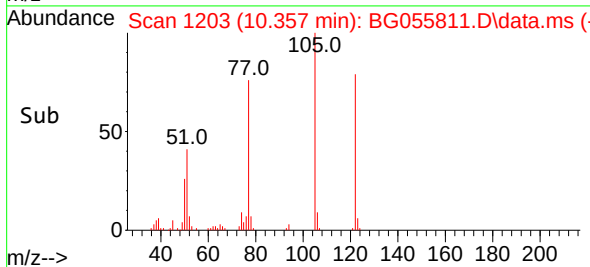
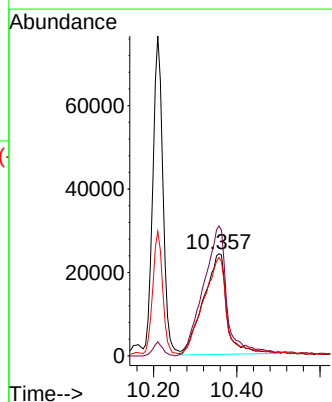
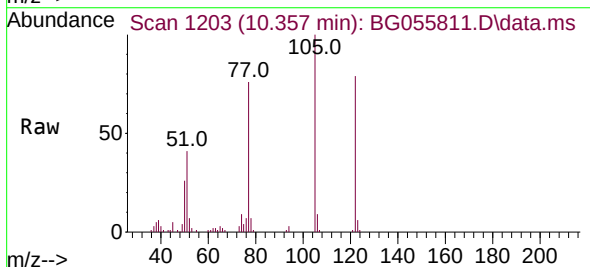
Manual Integrations
APPROVED

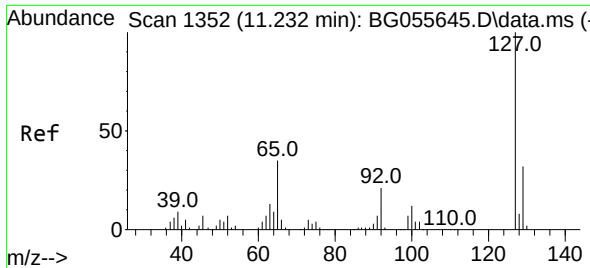
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#32
Benzoic acid
Concen: 45.064 ng
RT: 10.357 min Scan# 1203
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Tgt Ion:122 Resp: 94291
Ion Ratio Lower Upper
122 100
105 127.1 104.3 144.3
77 96.4 79.9 119.9





#33
4-Chloroaniline
Concen: 27.381 ng
RT: 11.209 min Scan# 1352
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Instrument :

BNA_G

ClientSampleId :

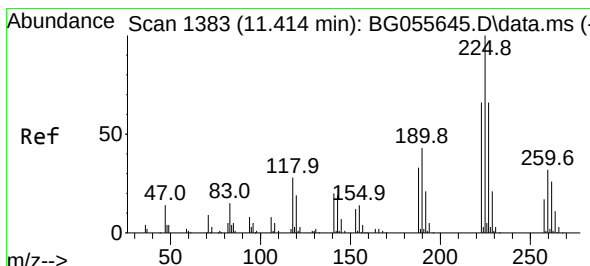
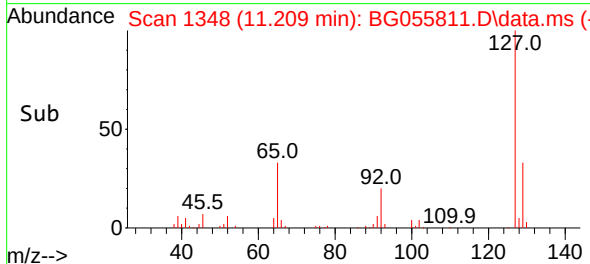
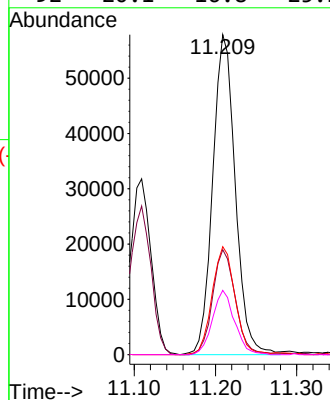
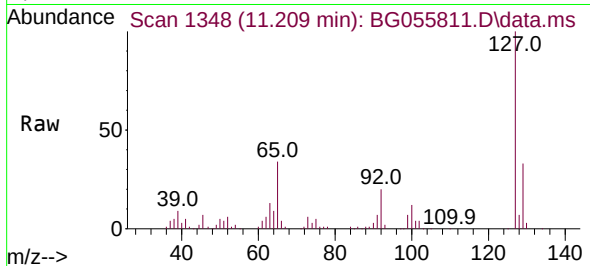
LOCATION-3MS

Tgt Ion:127 Resp: 11184
Ion Ratio Lower Upper
127 100
129 32.8 25.9 38.9
65 33.7 27.9 41.9
92 20.1 16.8 25.2

Manual Integrations

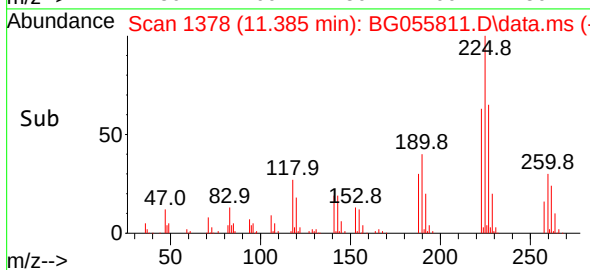
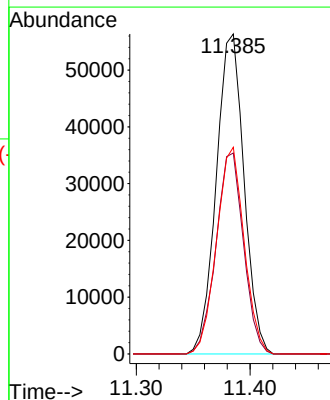
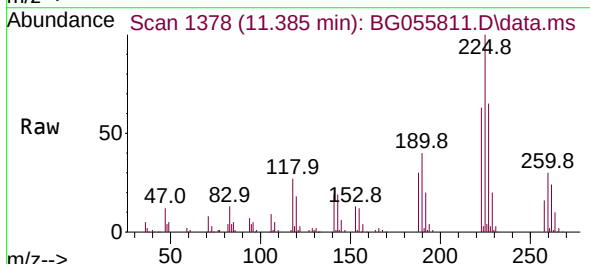
APPROVED

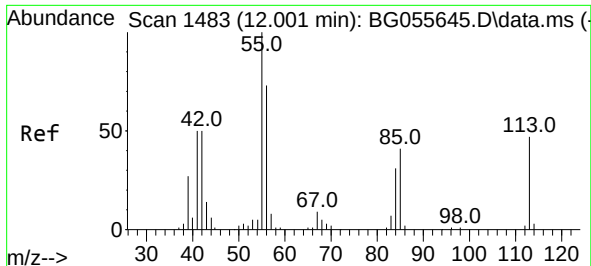
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#34
Hexachlorobutadiene
Concen: 39.596 ng
RT: 11.385 min Scan# 1378
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Tgt Ion:225 Resp: 95617
Ion Ratio Lower Upper
225 100
223 62.8 52.9 79.3
227 64.6 52.6 79.0





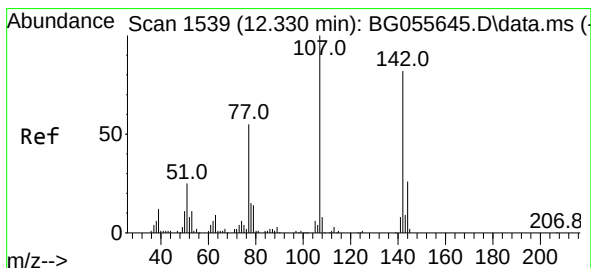
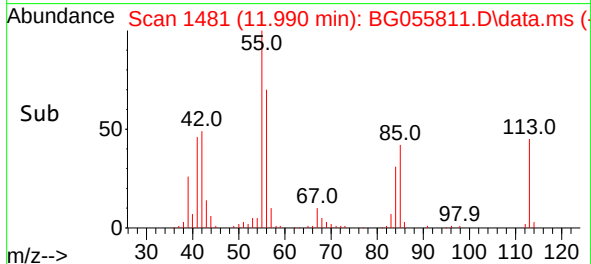
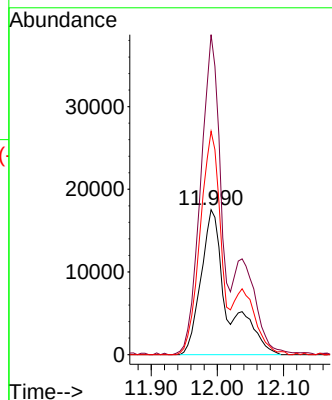
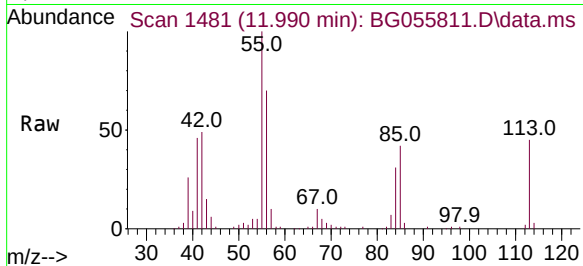
#35
 Caprolactam
 Concen: 46.572 ng m
 RT: 11.990 min Scan# 1483
 Delta R.T. 0.005 min
 Lab File: BG055811.D
 Acq: 28 Nov 2022 19:08

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-3MS

Tgt Ion:113 Resp: 49059
 Ion Ratio Lower Upper
 113 100
 55 221.0 193.5 233.5
 56 154.2 135.2 175.2

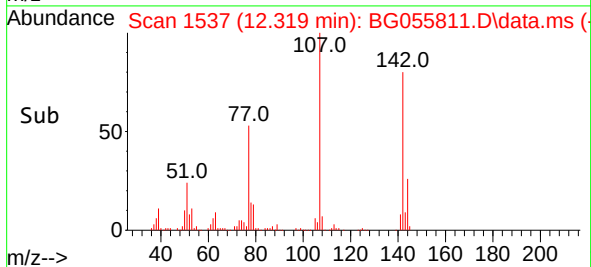
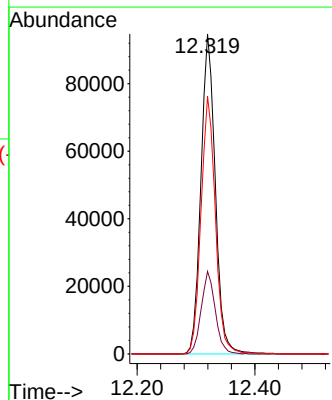
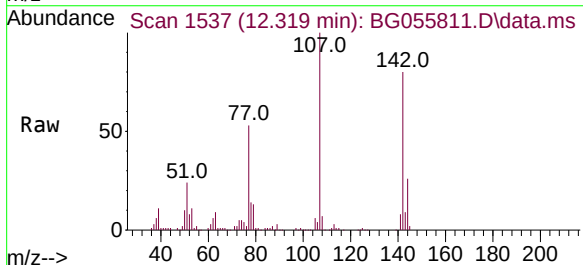
Manual Integrations
 APPROVED

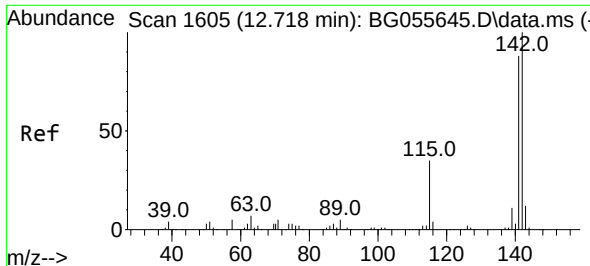
Reviewed By :Christian Giraldo 11/29/2022
 Supervised By :Jagrut Upadhyay 11/29/2022



#36
 4-Chloro-3-methylphenol
 Concen: 47.972 ng
 RT: 12.319 min Scan# 1537
 Delta R.T. -0.001 min
 Lab File: BG055811.D
 Acq: 28 Nov 2022 19:08

Tgt Ion:107 Resp: 160498
 Ion Ratio Lower Upper
 107 100
 144 25.8 21.0 31.4
 142 80.5 65.9 98.9





#37
2-Methylnaphthalene
Concen: 43.138 ng
RT: 12.695 min Scan# 1601
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Instrument :

BNA_G

ClientSampleId :

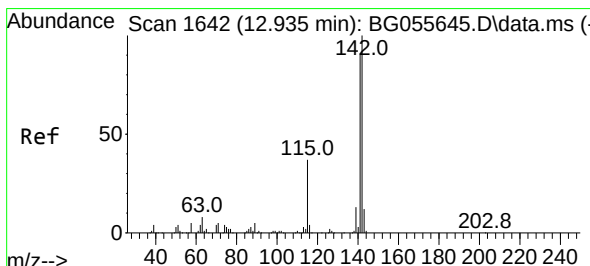
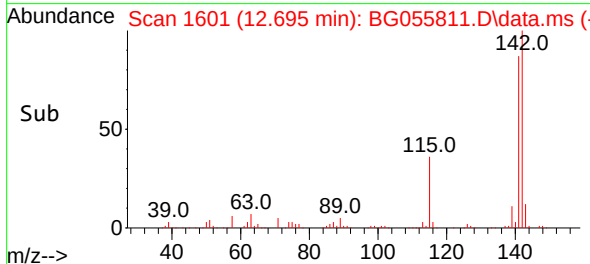
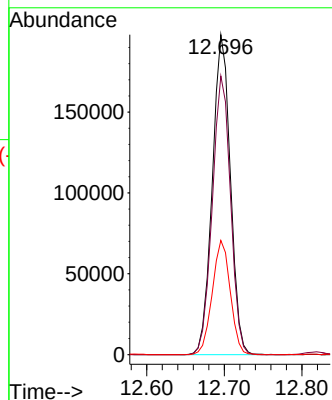
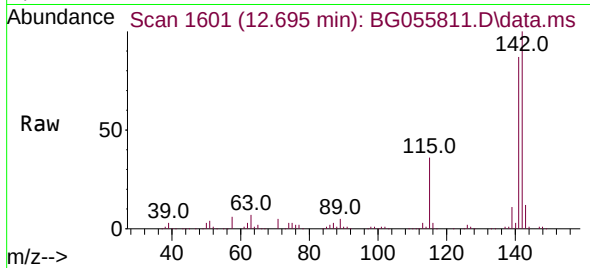
LOCATION-3MS

Tgt Ion:142 Resp: 319820
Ion Ratio Lower Upper
142 100
141 87.1 70.3 105.5
115 35.7 27.9 41.9

Manual Integrations

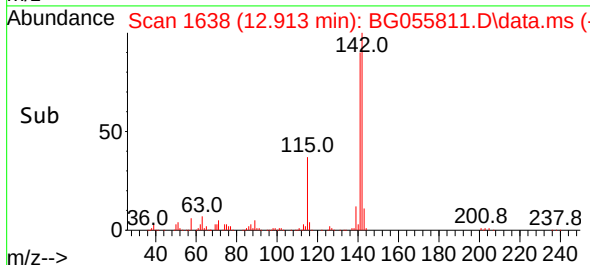
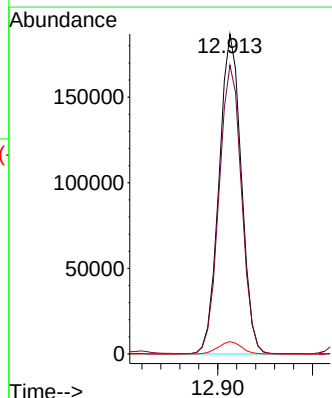
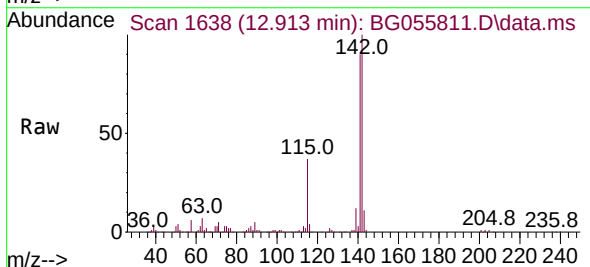
APPROVED

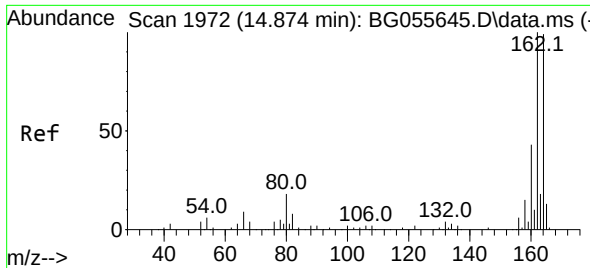
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#38
1-Methylnaphthalene
Concen: 42.159 ng
RT: 12.913 min Scan# 1638
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Tgt Ion:142 Resp: 303434
Ion Ratio Lower Upper
142 100
141 90.2 73.0 109.4
116 3.8 3.1 4.7





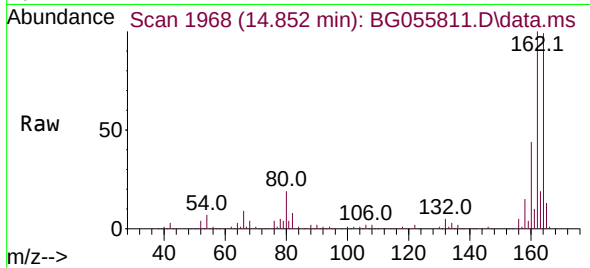
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.852 min Scan# 1972
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Instrument :

BNA_G

ClientSampleId :

LOCATION-3MS

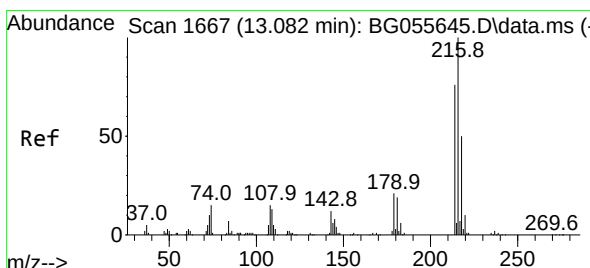
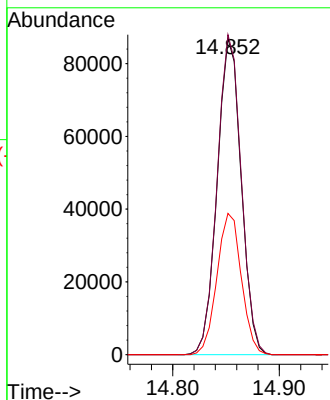
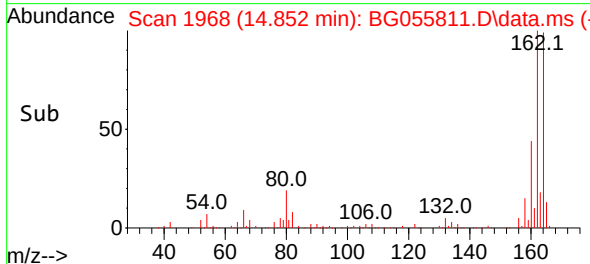


Tgt Ion:164 Resp: 135801
Ion Ratio Lower Upper
164 100
162 101.2 81.1 121.7
160 44.6 34.8 52.2

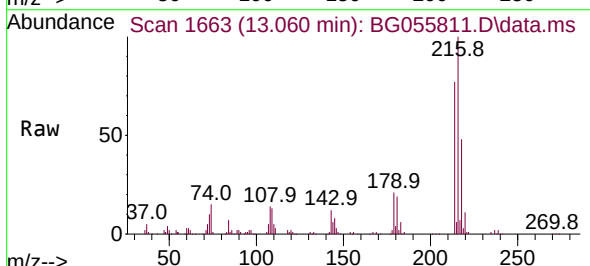
Manual Integrations

APPROVED

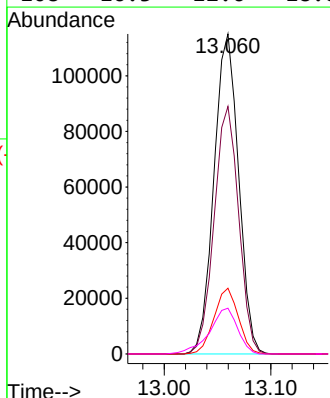
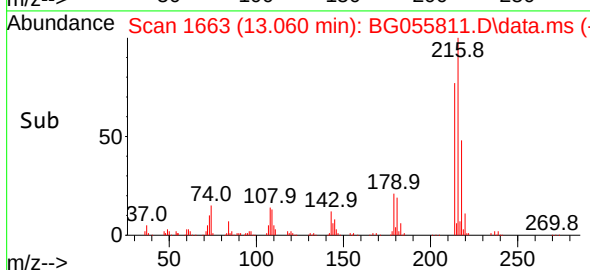
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

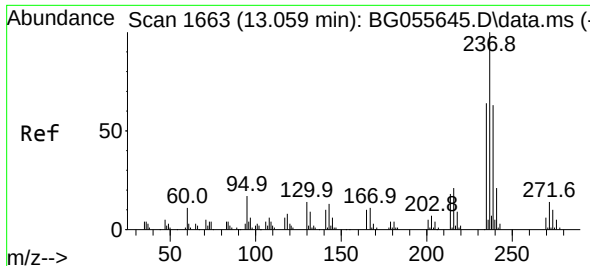


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.225 ng
RT: 13.060 min Scan# 1663
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08



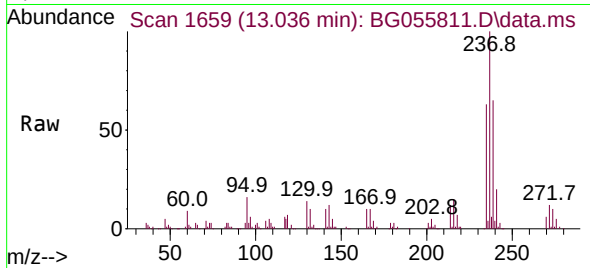
Tgt Ion:216 Resp: 184467
Ion Ratio Lower Upper
216 100
214 76.9 62.1 93.1
179 20.3 16.5 24.7
108 16.3 12.6 18.8





#41
Hexachlorocyclopentadiene
Concen: 62.223 ng
RT: 13.036 min Scan# 1659
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

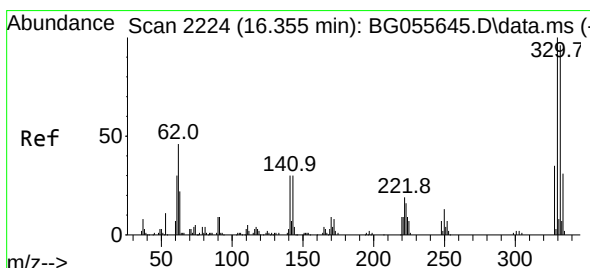
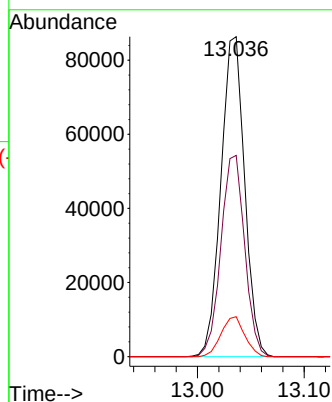
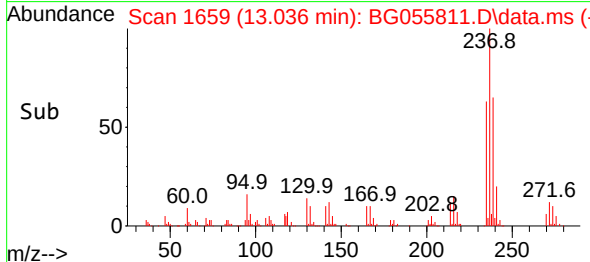
Instrument :
BNA_G
ClientSampleId :
LOCATION-3MS



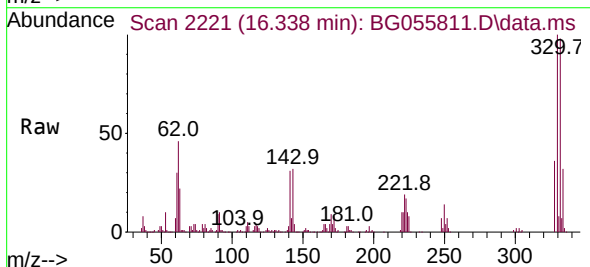
Tgt Ion:237 Resp: 133836
Ion Ratio Lower Upper
237 100
235 62.9 43.7 83.7
272 12.5 0.0 33.6

Manual Integrations
APPROVED

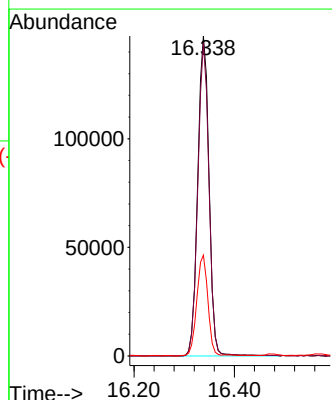
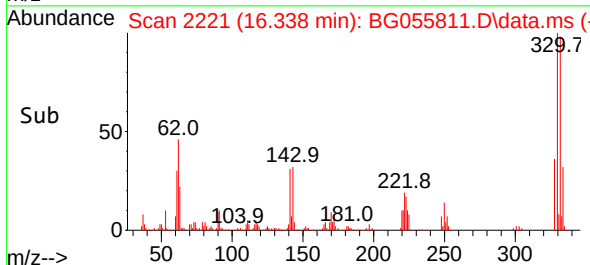
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

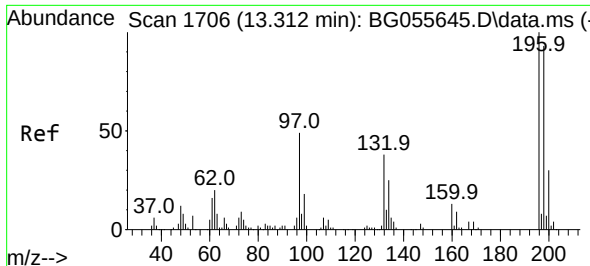


#42
2,4,6-Tribromophenol
Concen: 120.156 ng
RT: 16.338 min Scan# 2221
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08



Tgt Ion:330 Resp: 229768
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 31.3 23.9 35.9





#43

2,4,6-Trichlorophenol

Concen: 44.713 ng

RT: 13.295 min Scan# 1716

Delta R.T. -0.001 min

Lab File: BG055811.D

Acq: 28 Nov 2022 19:08

Instrument :

BNA_G

ClientSampleId :

LOCATION-3MS

Tgt Ion:196 Resp: 130165

Ion Ratio Lower Upper

196 100

198 93.0 74.6 112.0

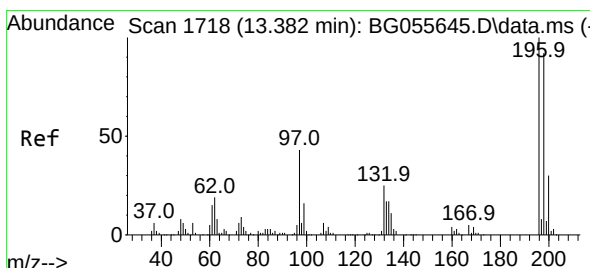
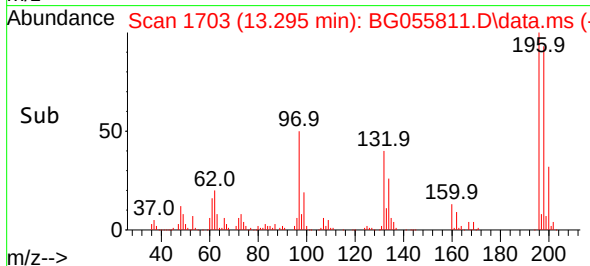
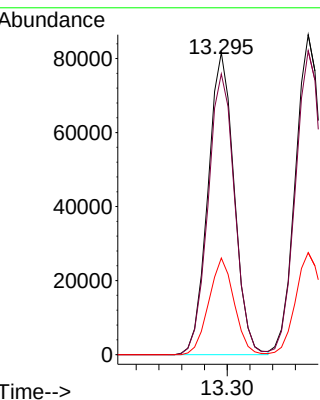
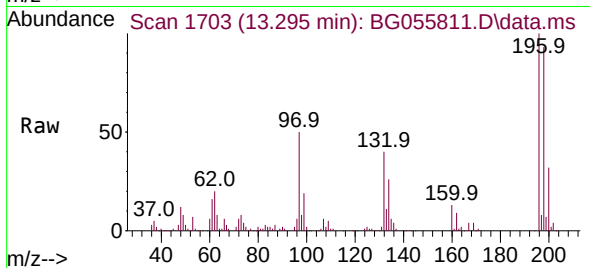
200 32.0 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/29/2022

Supervised By :Jagrut Upadhyay 11/29/2022



#44

2,4,5-Trichlorophenol

Concen: 44.244 ng

RT: 13.371 min Scan# 1716

Delta R.T. -0.007 min

Lab File: BG055811.D

Acq: 28 Nov 2022 19:08

Tgt Ion:196 Resp: 141540

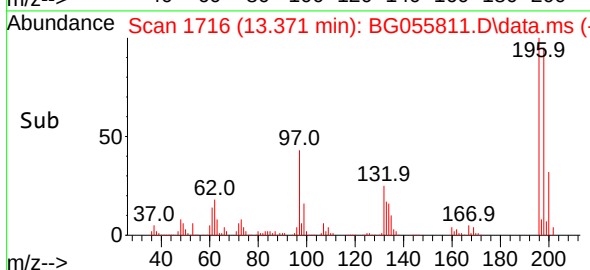
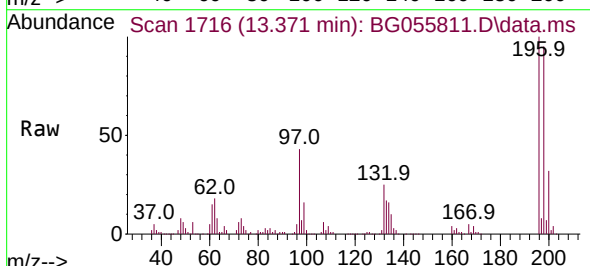
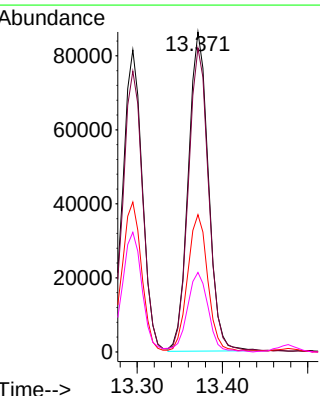
Ion Ratio Lower Upper

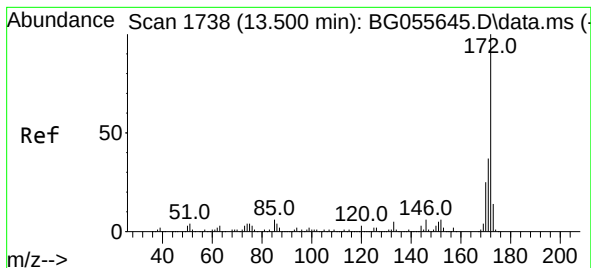
196 100

198 95.0 74.1 111.1

97 42.9 34.8 52.2

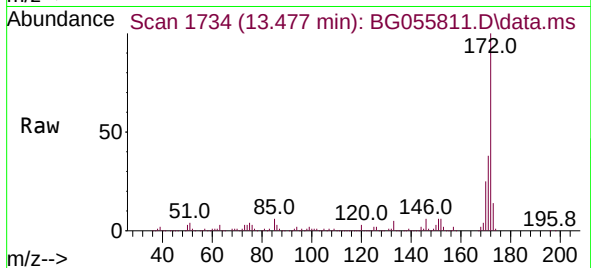
132 24.8 20.1 30.1





#45
2-Fluorobiphenyl
Concen: 66.654 ng
RT: 13.477 min Scan# 1734
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

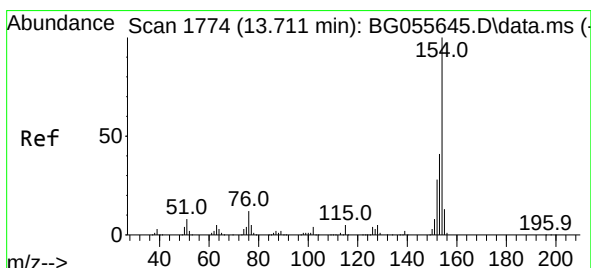
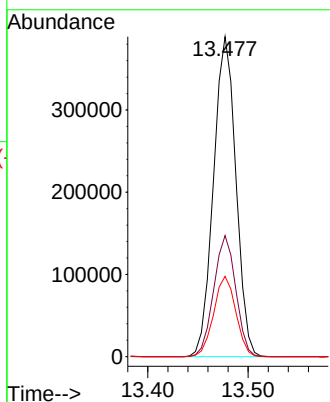
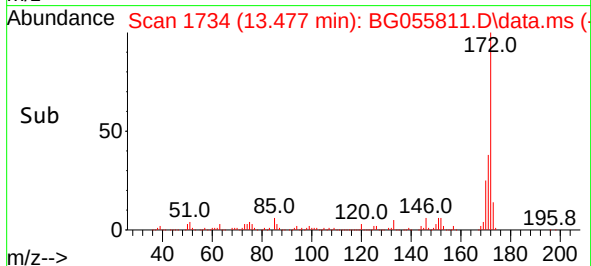
Instrument :
BNA_G
ClientSampleId :
LOCATION-3MS



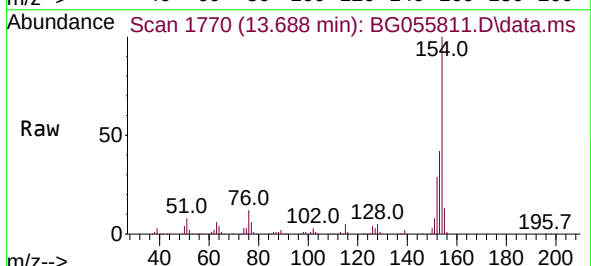
Tgt Ion:172 Resp: 604201
Ion Ratio Lower Upper
172 100
171 37.8 29.8 44.6
170 25.1 20.2 30.4

Manual Integrations
APPROVED

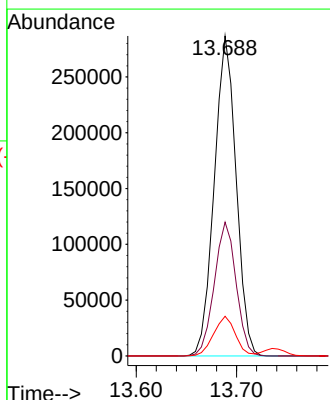
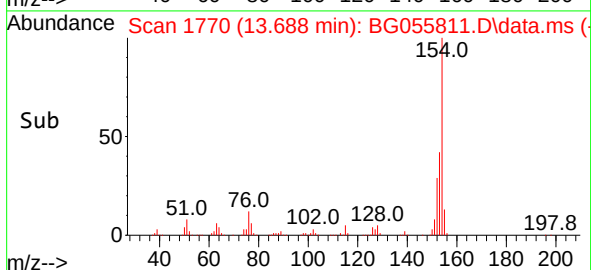
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

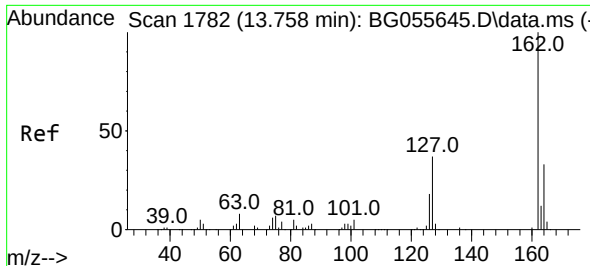


#46
1,1'-Biphenyl
Concen: 43.814 ng
RT: 13.688 min Scan# 1770
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08



Tgt Ion:154 Resp: 433584
Ion Ratio Lower Upper
154 100
153 41.8 20.6 60.6
76 12.4 0.0 32.4





#47
2-Chloronaphthalene
Concen: 43.255 ng
RT: 13.741 min Scan# 1779
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Instrument :

BNA_G

ClientSampleId :

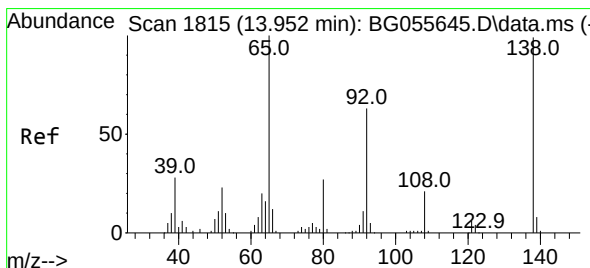
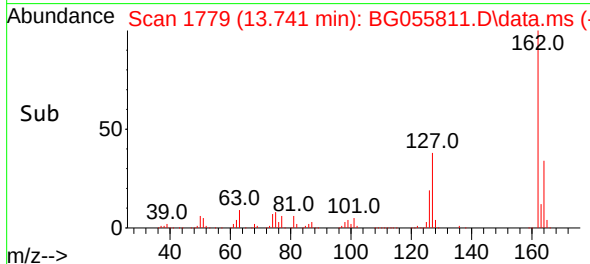
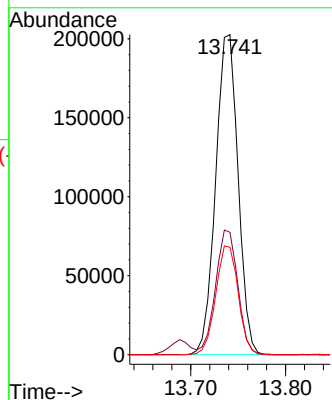
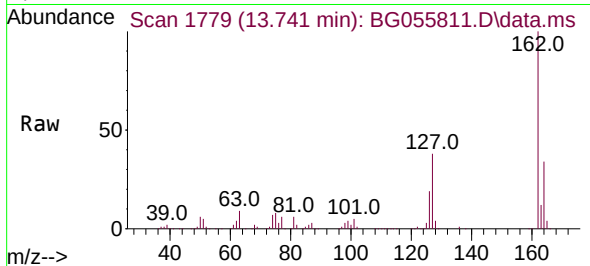
LOCATION-3MS

Tgt Ion:162 Resp: 332709
Ion Ratio Lower Upper
162 100
127 38.2 29.9 44.9
164 33.5 26.4 39.6

Manual Integrations

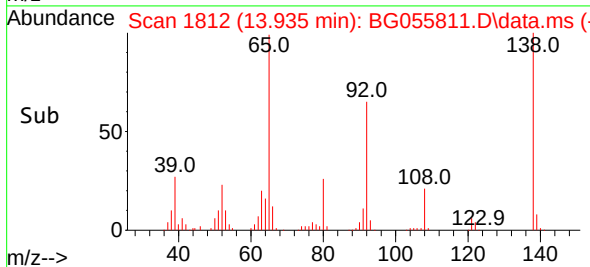
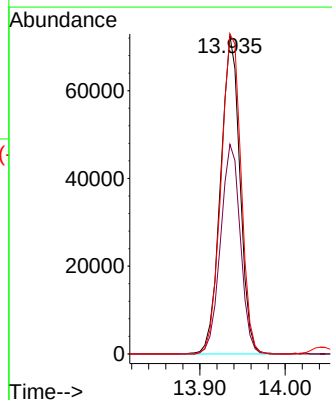
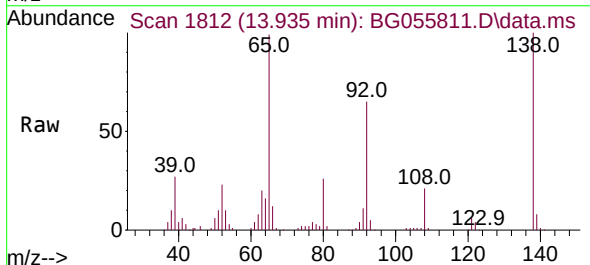
APPROVED

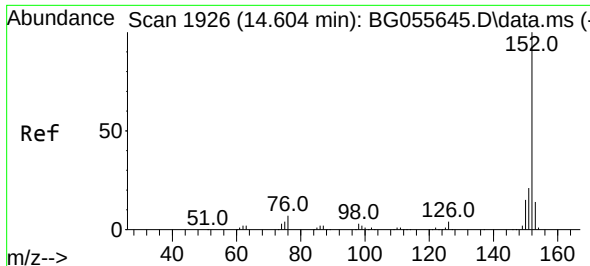
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#48
2-Nitroaniline
Concen: 45.211 ng
RT: 13.935 min Scan# 1812
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Tgt Ion: 65 Resp: 114334
Ion Ratio Lower Upper
65 100
92 65.9 50.1 75.1
138 100.6 79.4 119.0





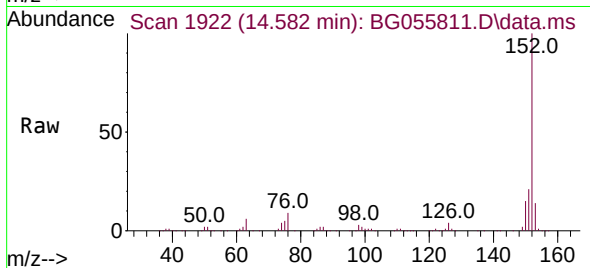
#49
Acenaphthylene
Concen: 44.910 ng
RT: 14.582 min Scan# 1922
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Instrument :

BNA_G

ClientSampleId :

LOCATION-3MS

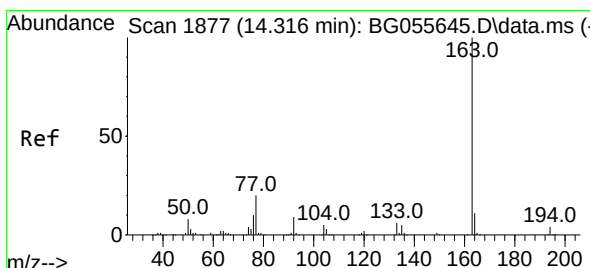
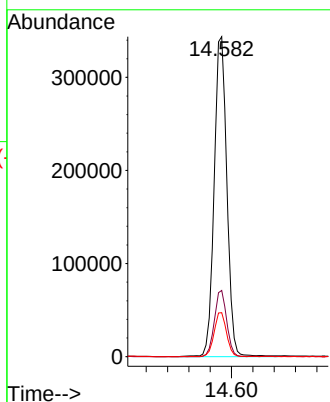
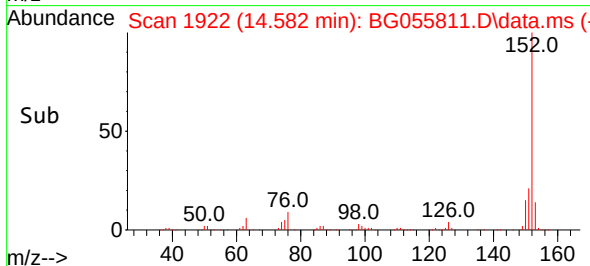


Tgt Ion:152 Resp: 56838
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.7 11.0 16.4

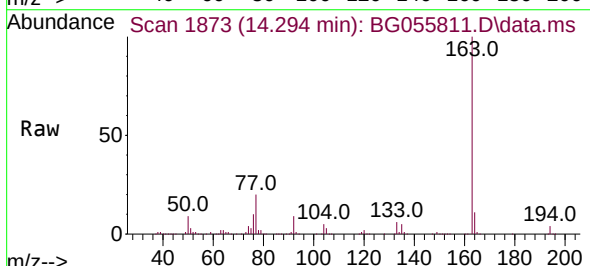
Manual Integrations

APPROVED

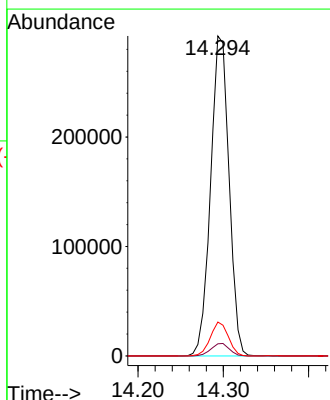
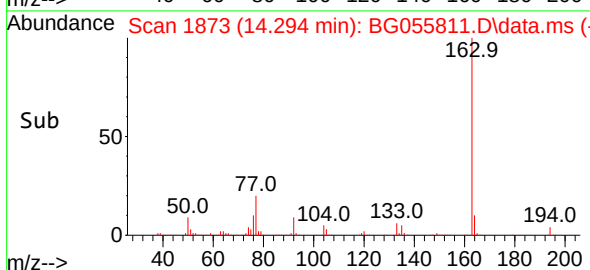
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

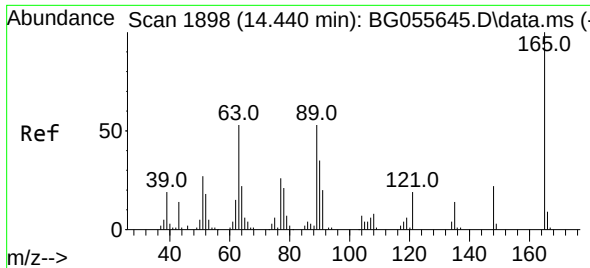


#50
Dimethylphthalate
Concen: 40.551 ng
RT: 14.294 min Scan# 1873
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08



Tgt Ion:163 Resp: 438984
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.6 8.6 12.8





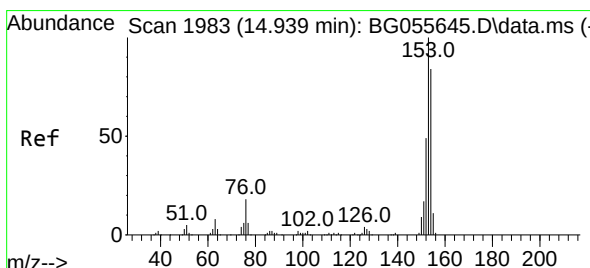
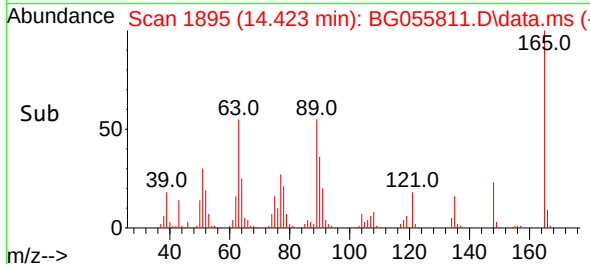
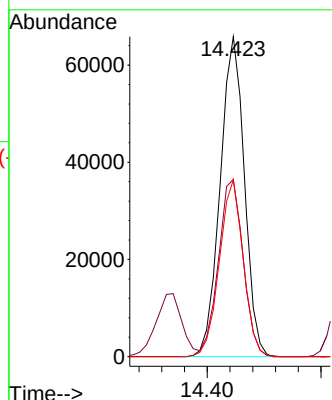
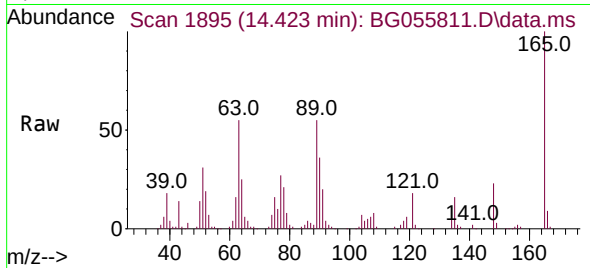
#51
2,6-Dinitrotoluene
Concen: 43.925 ng
RT: 14.423 min Scan# 1898
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Instrument :
BNA_G
ClientSampleId :
LOCATION-3MS

Tgt Ion:165 Resp: 97227
Ion Ratio Lower Upper
165 100
63 55.4 44.6 66.8
89 55.3 42.2 63.4

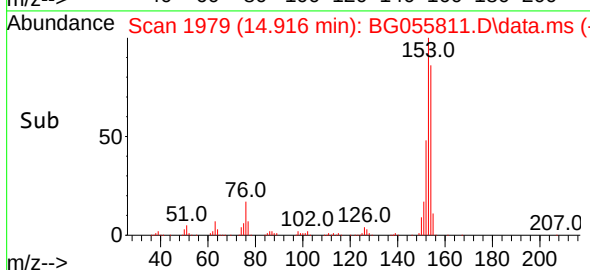
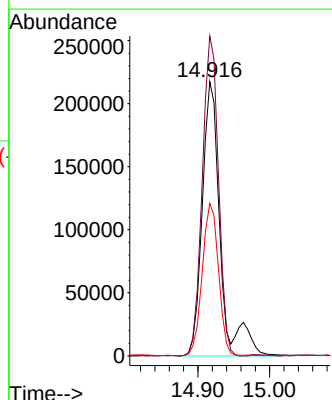
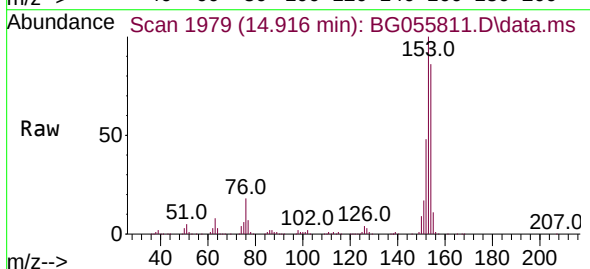
Manual Integrations
APPROVED

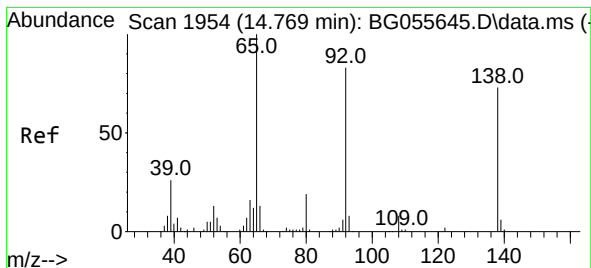
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#52
Acenaphthene
Concen: 46.017 ng m
RT: 14.916 min Scan# 1979
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Tgt Ion:154 Resp: 380939
Ion Ratio Lower Upper
154 100
153 116.7 95.0 142.4
152 55.6 46.1 69.1





#53
3-Nitroaniline
Concen: 33.889 ng
RT: 14.752 min Scan# 1951
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Instrument :

BNA_G

ClientSampleId :

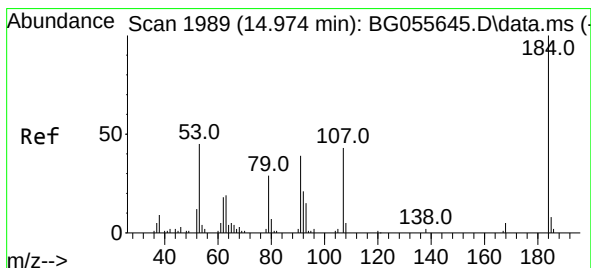
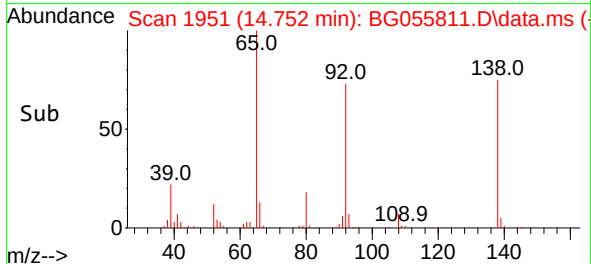
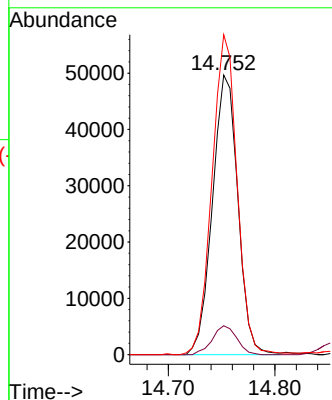
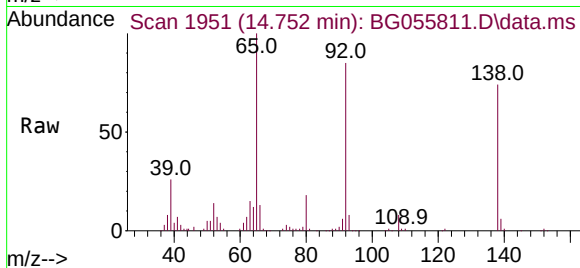
LOCATION-3MS

Tgt Ion:138 Resp: 82347
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 114.4 91.0 136.6

Manual Integrations

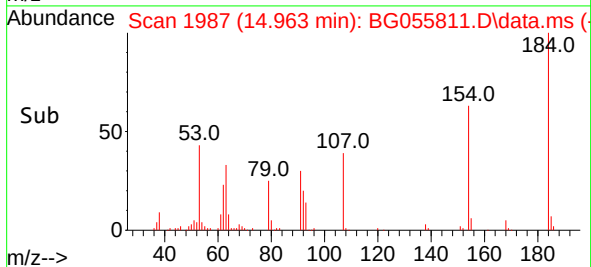
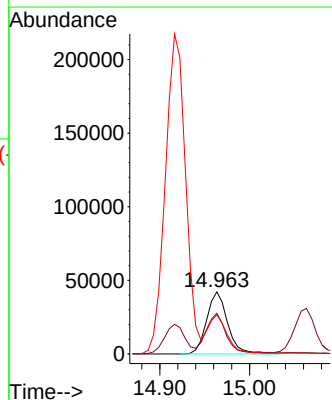
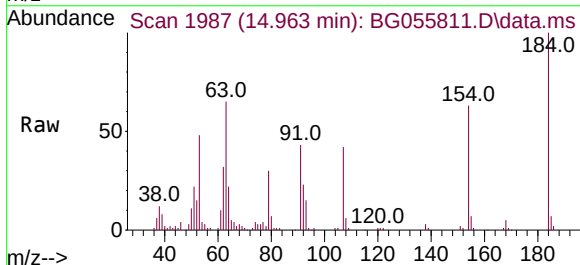
APPROVED

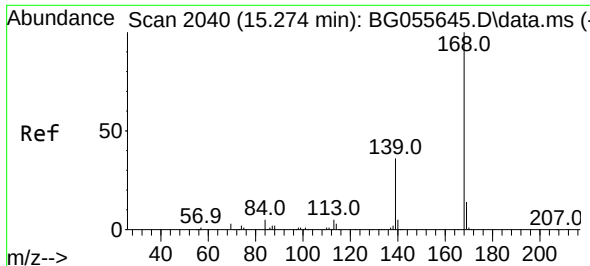
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#54
2,4-Dinitrophenol
Concen: 54.053 ng
RT: 14.963 min Scan# 1987
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Tgt Ion:184 Resp: 68791
Ion Ratio Lower Upper
184 100
63 65.5 49.5 74.3
154 63.1 52.0 78.0





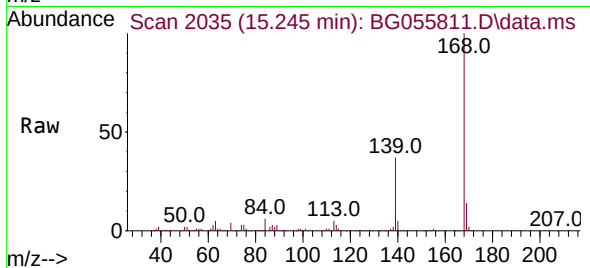
#55
Dibenzofuran
Concen: 43.058 ng
RT: 15.245 min Scan# 2040
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Instrument :

BNA_G

ClientSampleId :

LOCATION-3MS

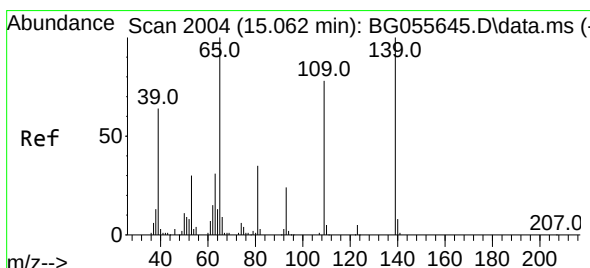
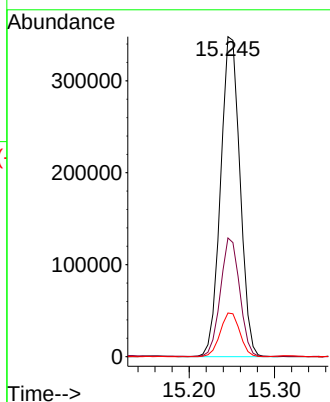
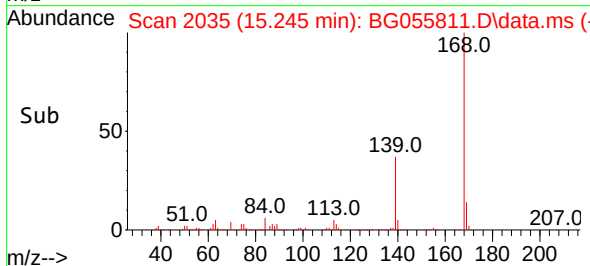


Tgt Ion:168 Resp: 549886
Ion Ratio Lower Upper
168 100
139 37.1 28.8 43.2
169 13.6 11.0 16.4

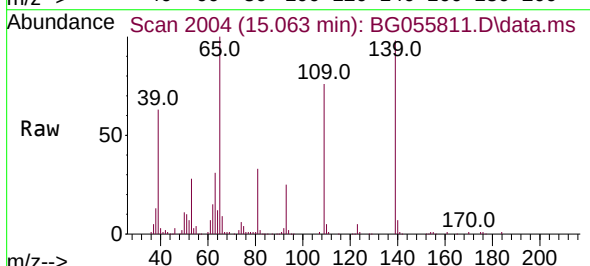
Manual Integrations

APPROVED

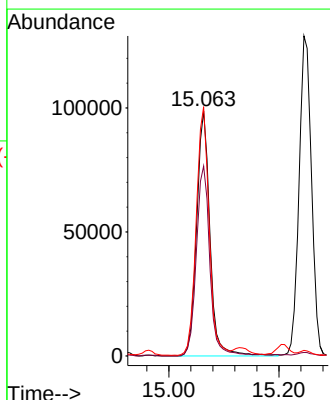
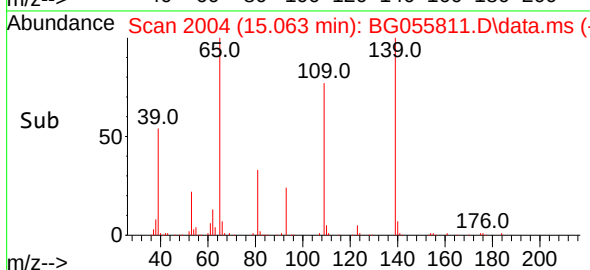
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

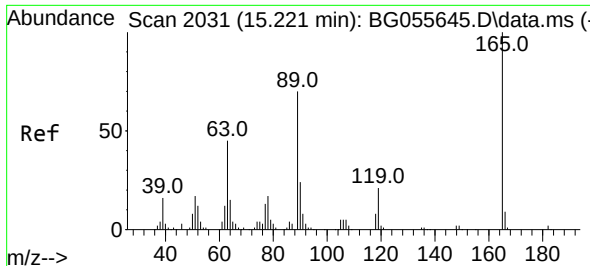


#56
4-Nitrophenol
Concen: 86.716 ng
RT: 15.063 min Scan# 2004
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08



Tgt Ion:139 Resp: 165374
Ion Ratio Lower Upper
139 100
109 77.6 58.6 98.6
65 101.9 80.5 120.5





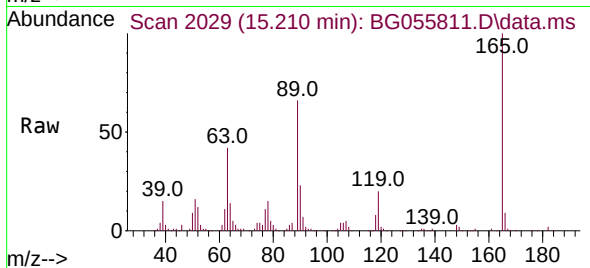
#57
2,4-Dinitrotoluene
Concen: 45.262 ng
RT: 15.210 min Scan# 2031
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Instrument :

BNA_G

ClientSampleId :

LOCATION-3MS

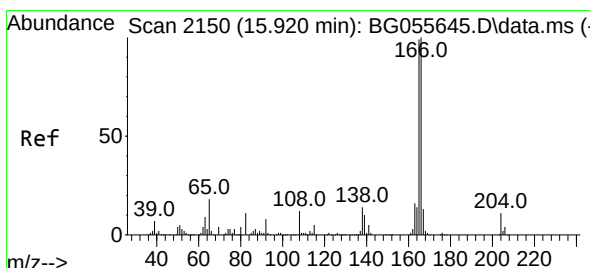
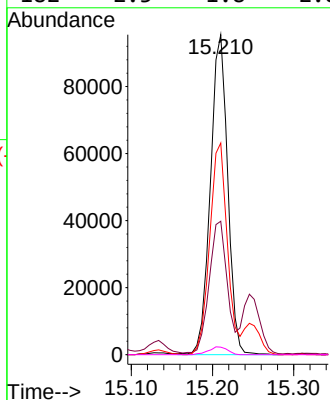
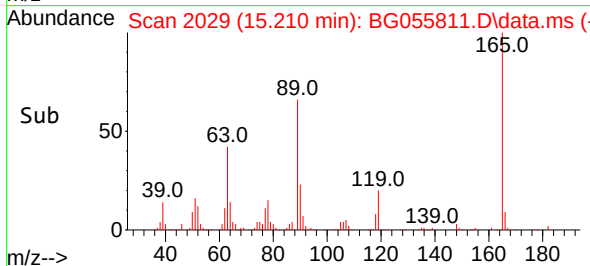


Tgt Ion:165 Resp: 141253
Ion Ratio Lower Upper
165 100
63 41.7 35.8 53.8
89 66.1 56.2 84.4
182 2.3 1.8 2.8

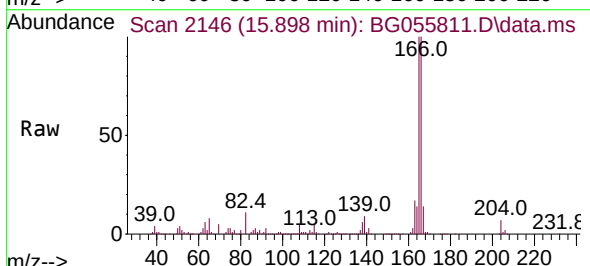
Manual Integrations

APPROVED

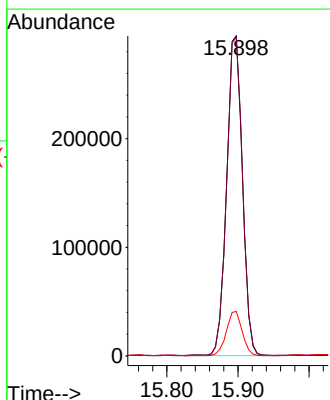
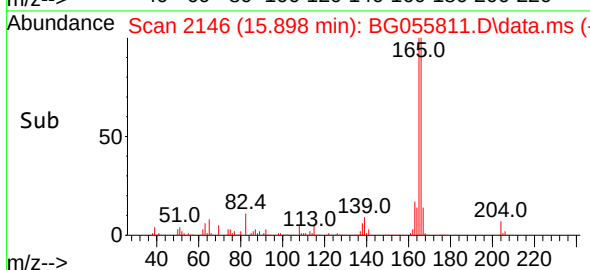
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

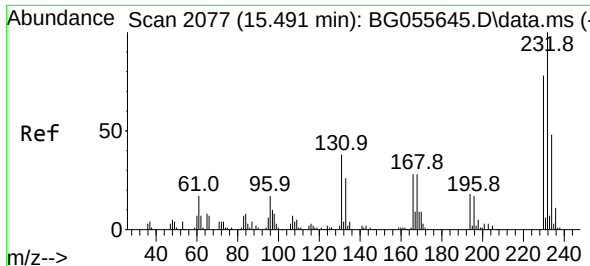


#58
Fluorene
Concen: 44.466 ng
RT: 15.898 min Scan# 2146
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08



Tgt Ion:166 Resp: 453550
Ion Ratio Lower Upper
166 100
165 99.6 79.3 118.9
167 13.9 10.6 15.8





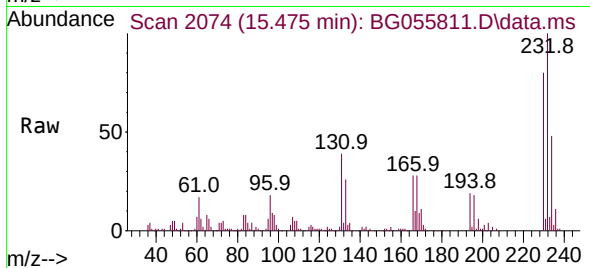
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.990 ng
RT: 15.475 min Scan# 2074
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Instrument :

BNA_G

ClientSampleId :

LOCATION-3MS

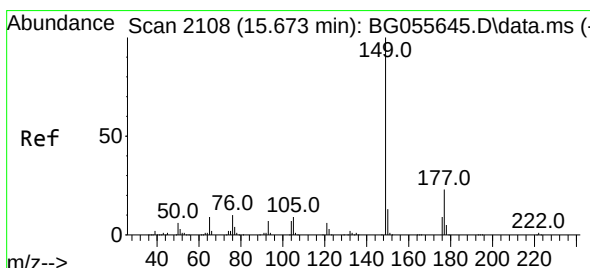
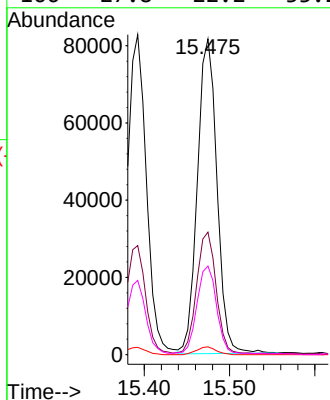
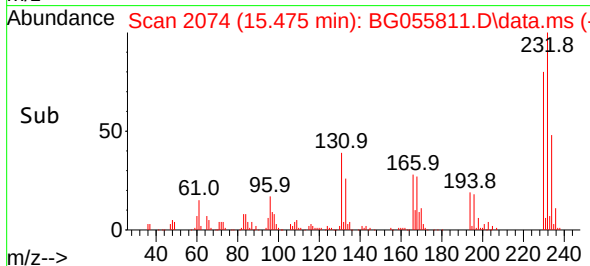


Tgt Ion:232 Resp: 13016
Ion Ratio Lower Upper
232 100
131 38.6 29.8 44.8
130 2.4 1.7 2.5
166 27.8 22.2 33.2

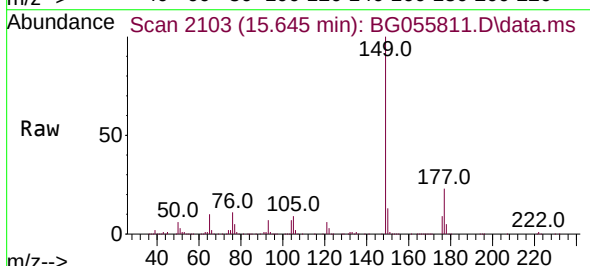
Manual Integrations

APPROVED

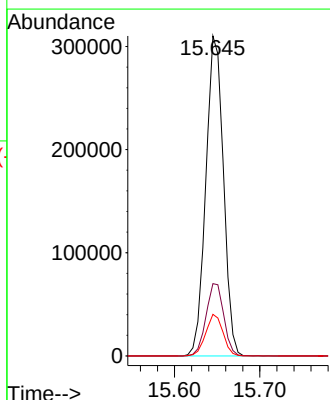
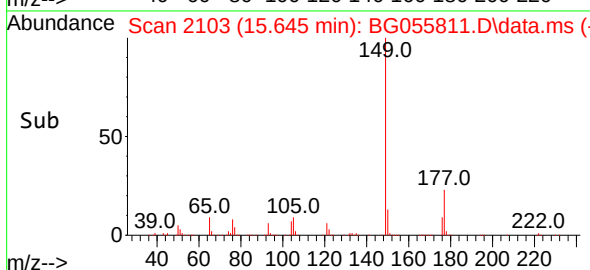
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

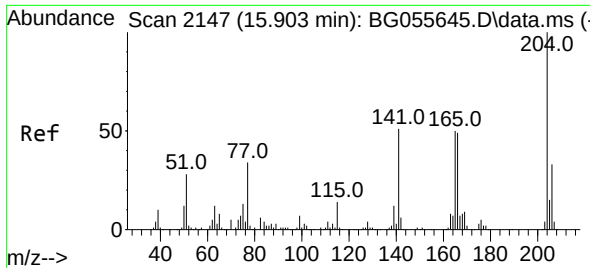


#60
Diethylphthalate
Concen: 40.562 ng
RT: 15.645 min Scan# 2103
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08



Tgt Ion:149 Resp: 443949
Ion Ratio Lower Upper
149 100
177 22.6 18.3 27.5
150 13.0 10.0 15.0





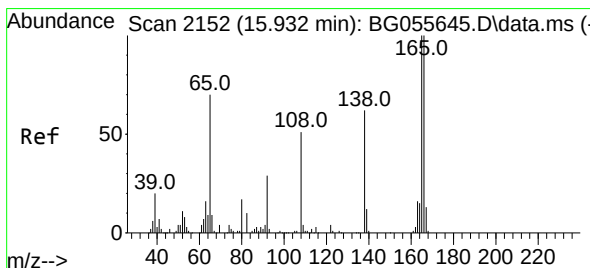
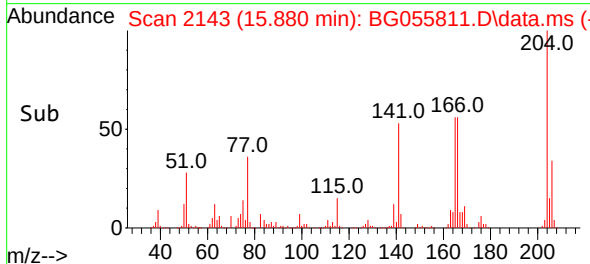
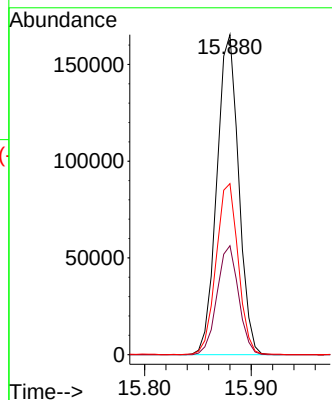
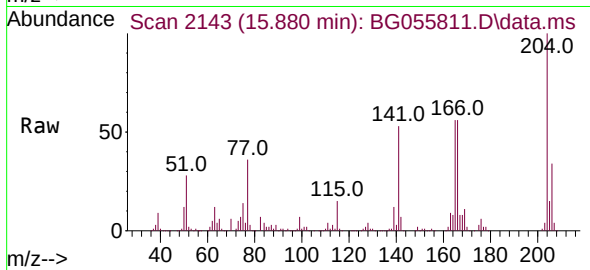
#61
4-Chlorophenyl-phenylether
Concen: 41.959 ng
RT: 15.880 min Scan# 2143
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Instrument :
BNA_G
ClientSampleId :
LOCATION-3MS

Tgt Ion:204 Resp: 235259
Ion Ratio Lower Upper
204 100
206 34.0 26.6 40.0
141 53.4 40.6 61.0

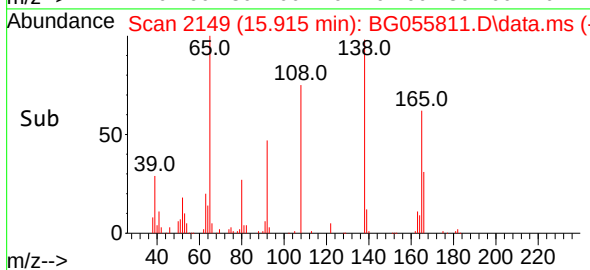
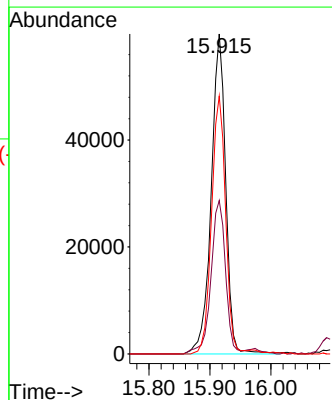
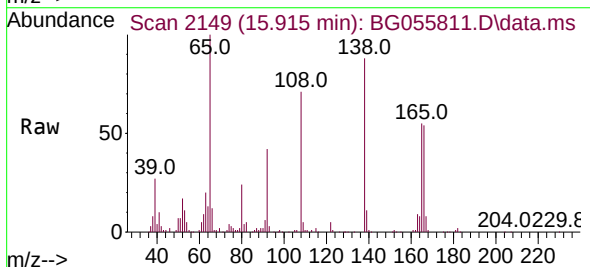
Manual Integrations
APPROVED

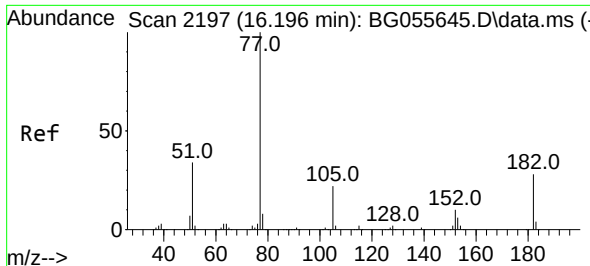
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#62
4-Nitroaniline
Concen: 38.972 ng
RT: 15.915 min Scan# 2149
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Tgt Ion:138 Resp: 98990
Ion Ratio Lower Upper
138 100
92 47.9 27.3 67.3
108 80.6 62.8 102.8





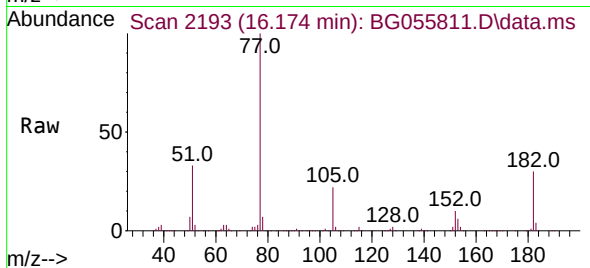
#63
Azobenzene
Concen: 43.094 ng
RT: 16.174 min Scan# 2197
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Instrument :

BNA_G

ClientSampleId :

LOCATION-3MS

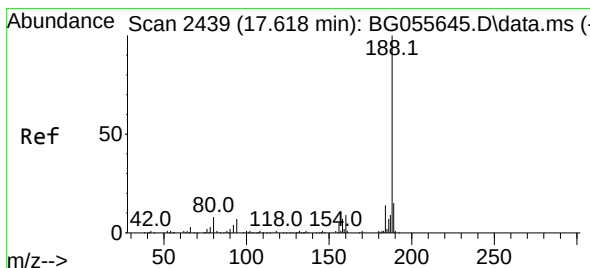
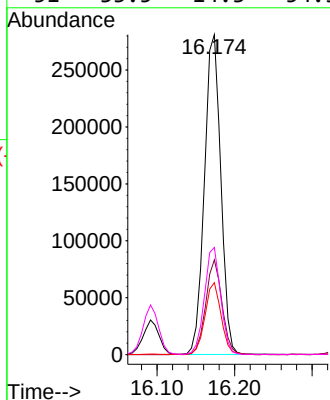
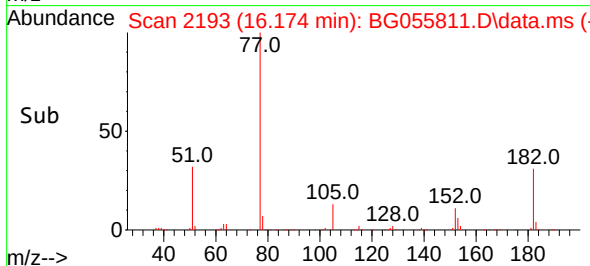


Tgt Ion: 77 Resp: 411773
Ion Ratio Lower Upper
77 100
182 29.6 8.1 48.1
105 22.5 1.8 41.8
51 33.5 14.3 54.3

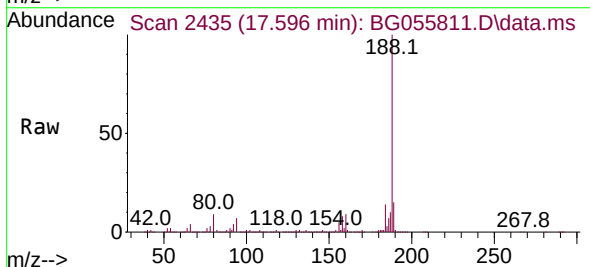
Manual Integrations

APPROVED

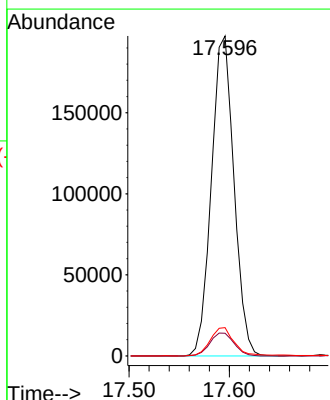
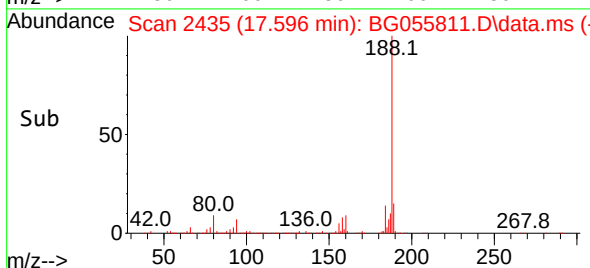
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

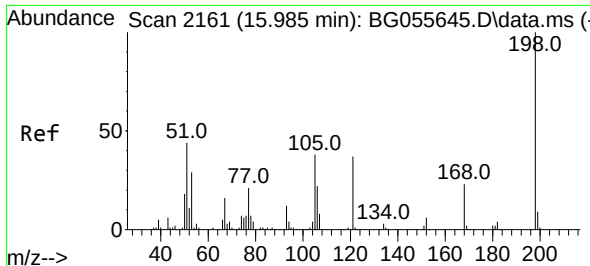


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.596 min Scan# 2435
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08



Tgt Ion:188 Resp: 308822
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.2
80 8.8 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 33.683 ng
RT: 15.974 min Scan# 2161
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Instrument :

BNA_G

ClientSampleId :

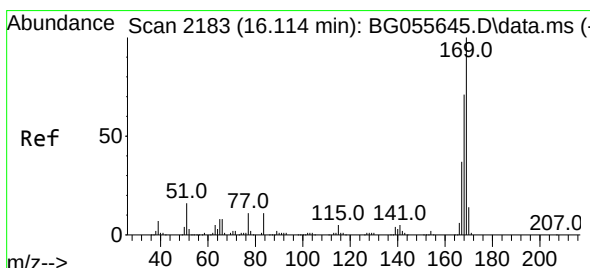
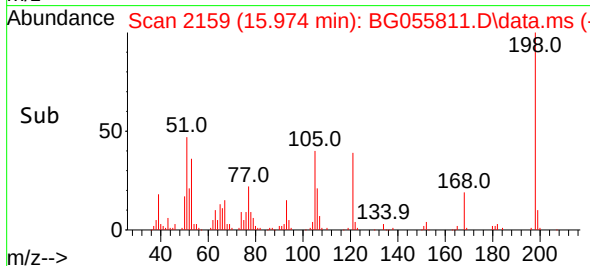
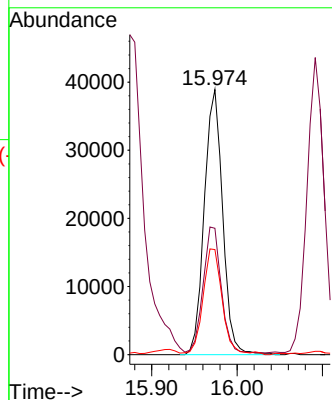
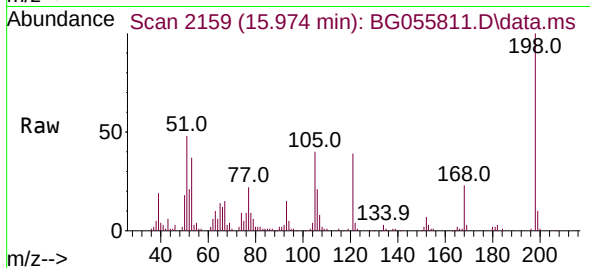
LOCATION-3MS

Tgt Ion:198 Resp: 58083
Ion Ratio Lower Upper
198 100
51 47.6 27.7 67.7
105 39.6 19.3 59.3

Manual Integrations

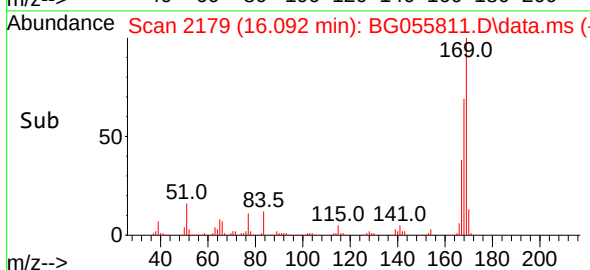
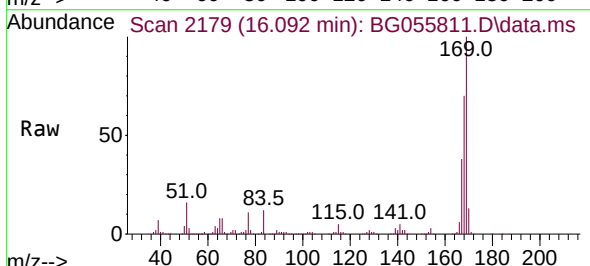
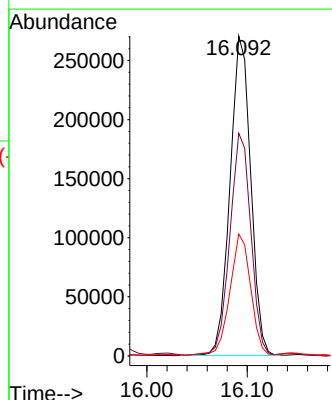
APPROVED

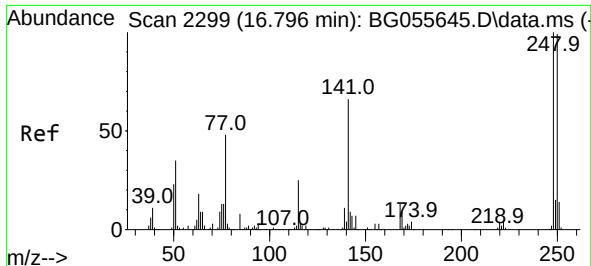
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#66
n-Nitrosodiphenylamine
Concen: 45.487 ng
RT: 16.092 min Scan# 2179
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

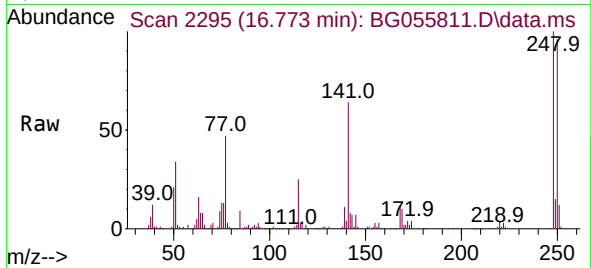
Tgt Ion:169 Resp: 387131
Ion Ratio Lower Upper
169 100
168 69.6 56.6 85.0
167 38.1 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 44.632 ng
RT: 16.773 min Scan# 2117
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

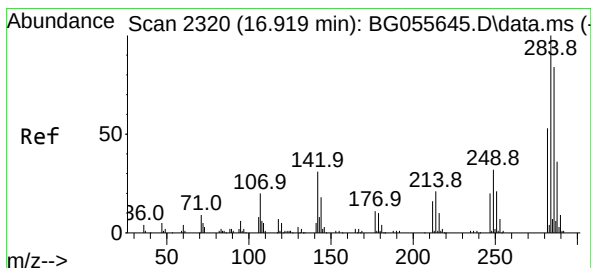
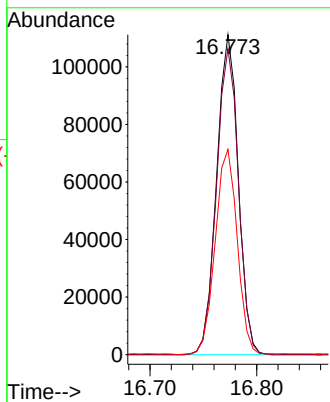
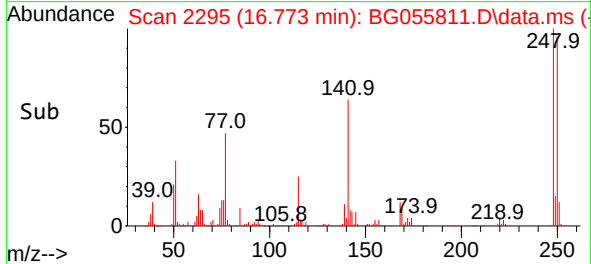
Instrument :
BNA_G
ClientSampleId :
LOCATION-3MS



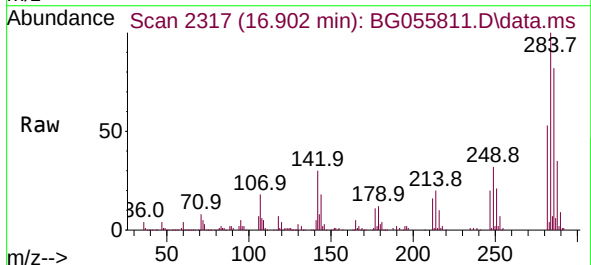
Tgt Ion:248 Resp: 157044
Ion Ratio Lower Upper
248 100
250 95.6 79.0 118.4
141 64.1 52.9 79.3

Manual Integrations
APPROVED

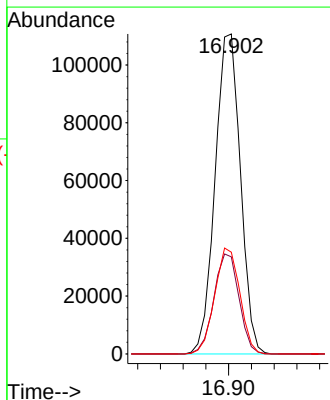
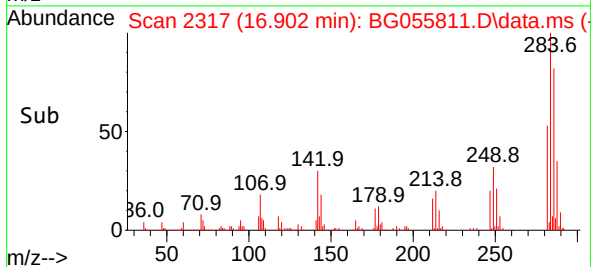
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

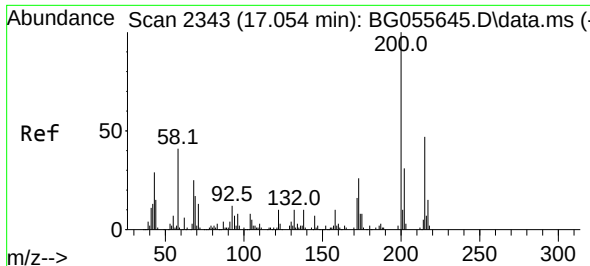


#68
Hexachlorobenzene
Concen: 43.835 ng
RT: 16.902 min Scan# 2317
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08



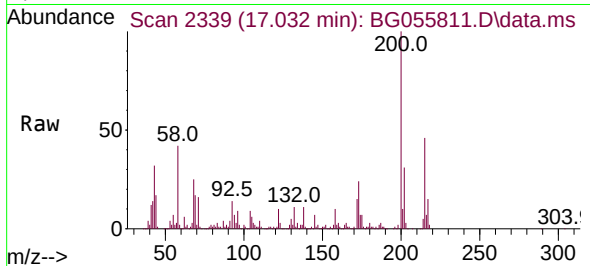
Tgt Ion:284 Resp: 171029
Ion Ratio Lower Upper
284 100
142 30.3 24.8 37.2
249 31.8 25.7 38.5





#69
 Atrazine
 Concen: 46.860 ng
 RT: 17.032 min Scan# 2339
 Delta R.T. -0.001 min
 Lab File: BG055811.D
 Acq: 28 Nov 2022 19:08

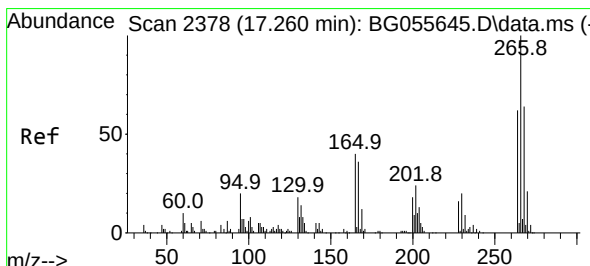
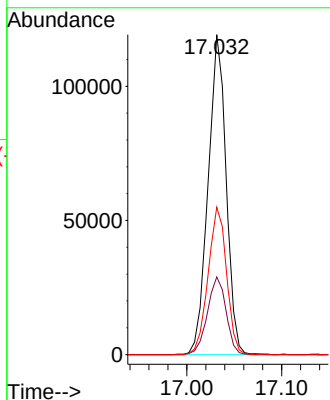
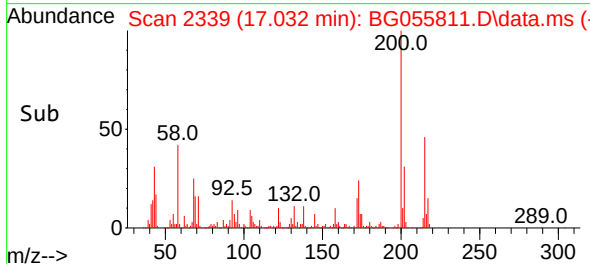
Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-3MS



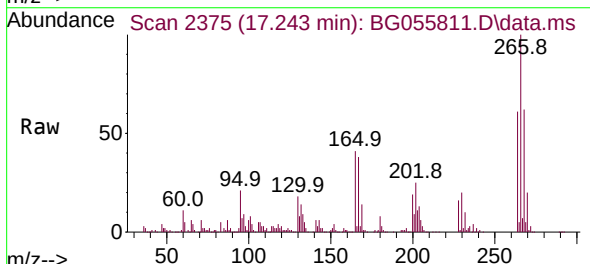
Tgt Ion:200 Resp: 157730
 Ion Ratio Lower Upper
 200 100
 173 24.3 5.6 45.6
 215 46.1 27.2 67.2

Manual Integrations
 APPROVED

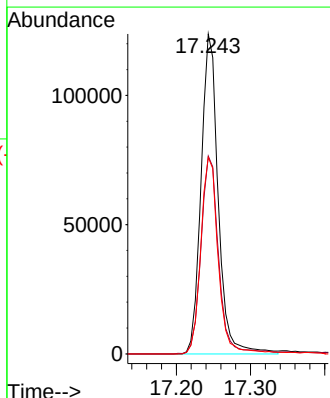
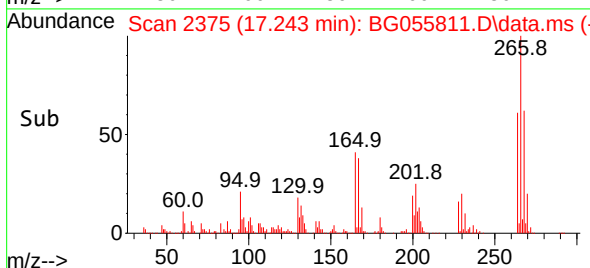
Reviewed By :Christian Giraldo 11/29/2022
 Supervised By :Jagrut Upadhyay 11/29/2022

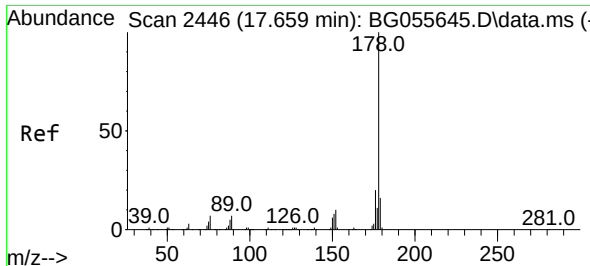


#70
 Pentachlorophenol
 Concen: 83.238 ng
 RT: 17.243 min Scan# 2375
 Delta R.T. -0.007 min
 Lab File: BG055811.D
 Acq: 28 Nov 2022 19:08



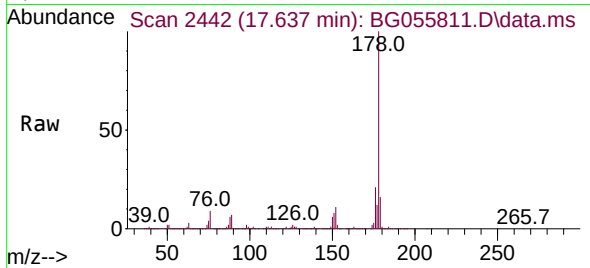
Tgt Ion:266 Resp: 198669
 Ion Ratio Lower Upper
 266 100
 268 61.9 51.2 76.8
 264 61.4 49.5 74.3





#71
Phenanthrene
Concen: 66.495 ng
RT: 17.637 min Scan# 2446
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

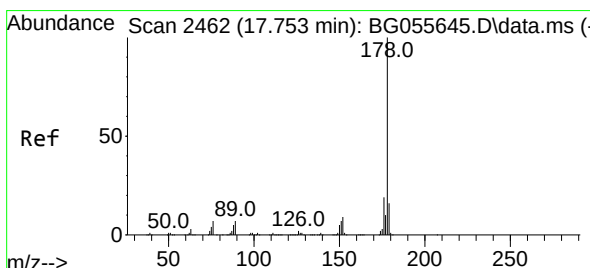
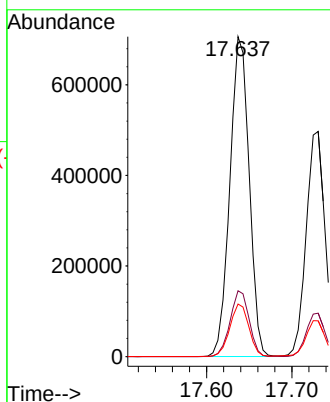
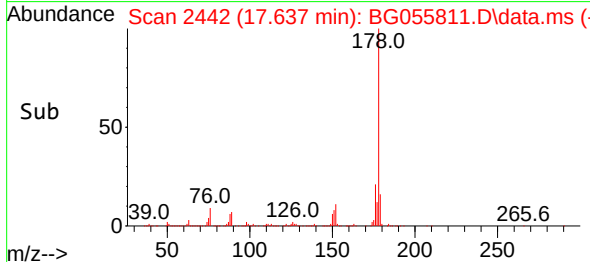
Instrument :
BNA_G
ClientSampleId :
LOCATION-3MS



Tgt Ion:178 Resp: 1108164
Ion Ratio Lower Upper
178 100
176 20.6 16.0 24.0
179 16.4 12.7 19.1

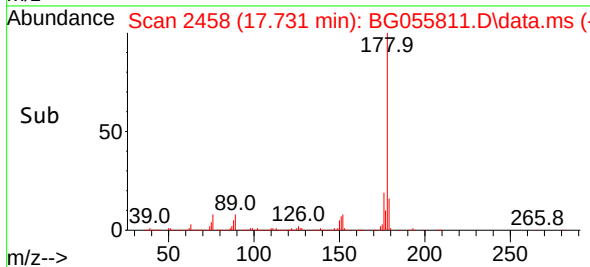
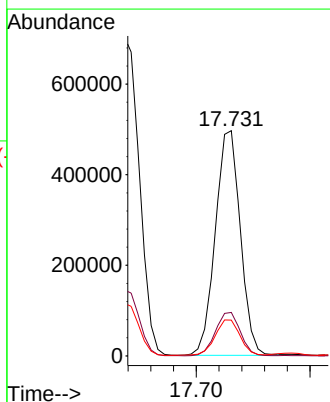
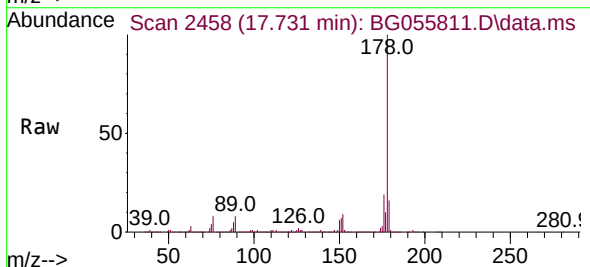
Manual Integrations
APPROVED

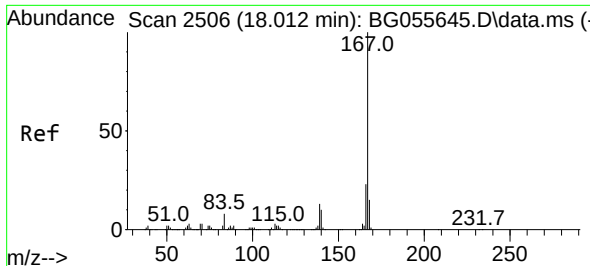
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#72
Anthracene
Concen: 46.805 ng
RT: 17.731 min Scan# 2458
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Tgt Ion:178 Resp: 757881
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.9 12.5 18.7





#73
Carbazole
Concen: 44.773 ng
RT: 17.995 min Scan# 2503
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Instrument :

BNA_G

ClientSampleId :

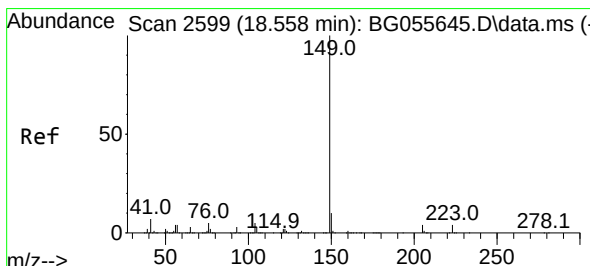
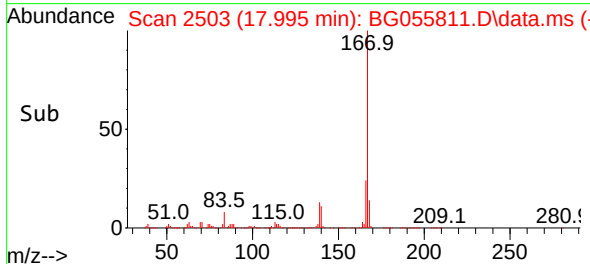
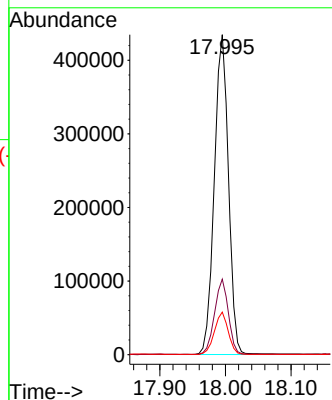
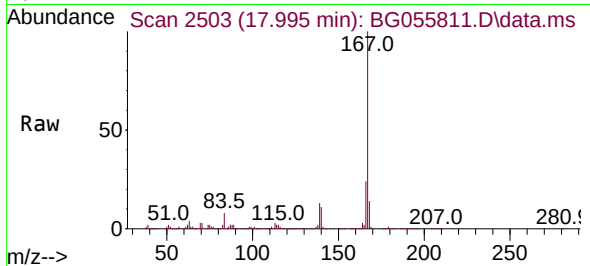
LOCATION-3MS

Tgt Ion:167 Resp: 651752
Ion Ratio Lower Upper
167 100
166 23.6 18.2 27.2
139 13.3 10.2 15.4

Manual Integrations

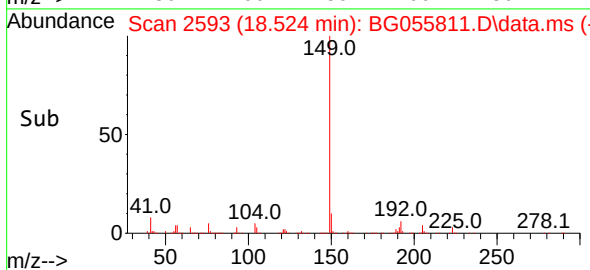
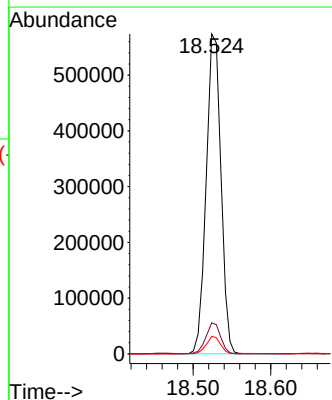
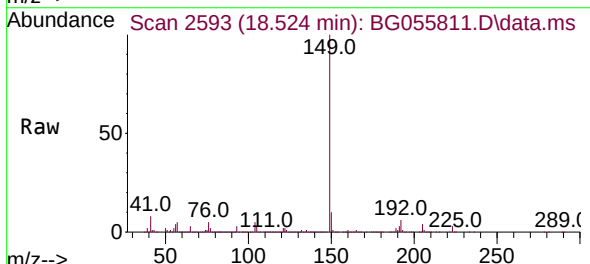
APPROVED

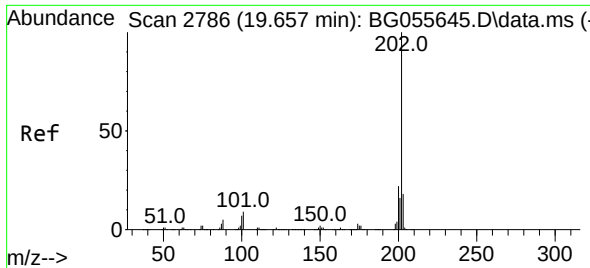
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#74
Di-n-butylphthalate
Concen: 41.943 ng
RT: 18.524 min Scan# 2593
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Tgt Ion:149 Resp: 758125
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 5.5 4.0 6.0





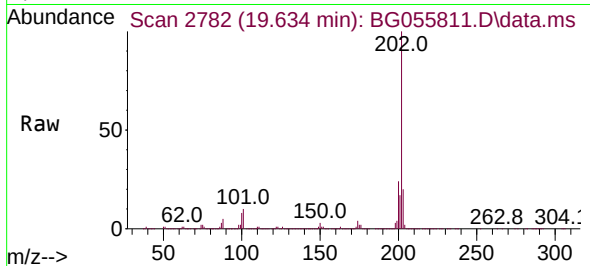
#75
Fluoranthene
Concen: 71.452 ng
RT: 19.634 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Instrument :

BNA_G

ClientSampleId :

LOCATION-3MS

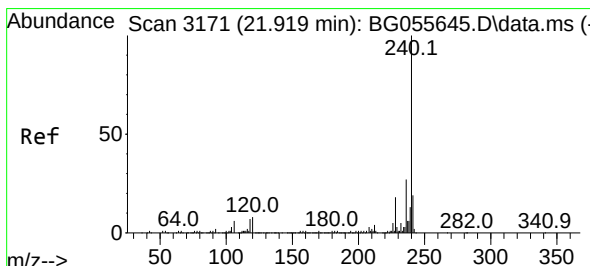
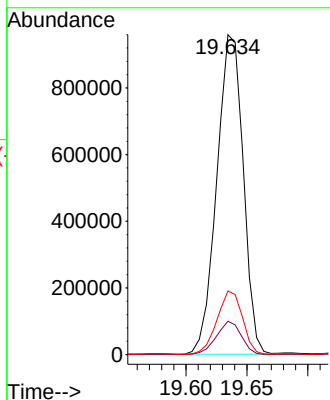
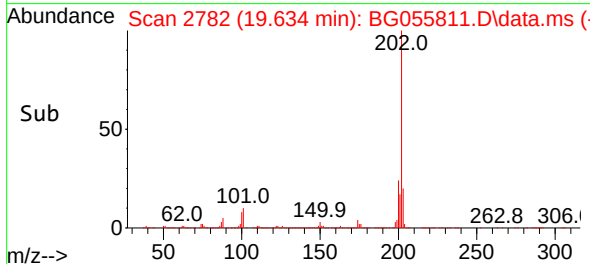


Tgt Ion:202 Resp: 1448665
Ion Ratio Lower Upper
202 100
101 10.4 0.0 28.8
203 19.9 0.0 38.1

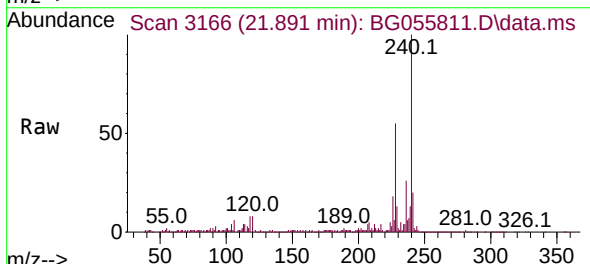
Manual Integrations

APPROVED

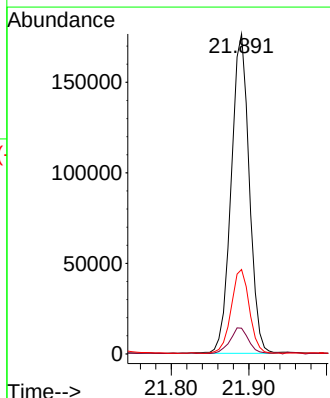
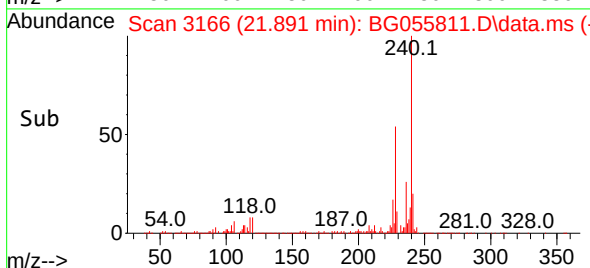
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

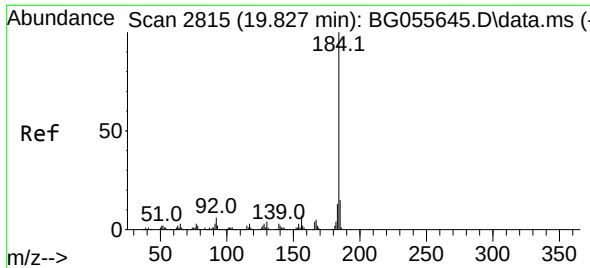


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.891 min Scan# 3166
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08



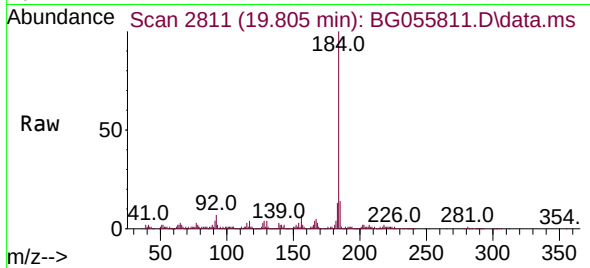
Tgt Ion:240 Resp: 285597
Ion Ratio Lower Upper
240 100
120 8.0 6.3 9.5
236 26.4 21.9 32.9





#77
Benzidine
Concen: 30.252 ng
RT: 19.805 min Scan# 2811
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

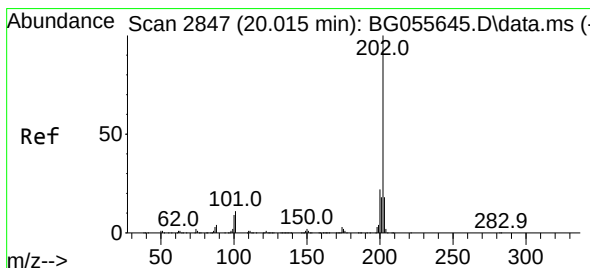
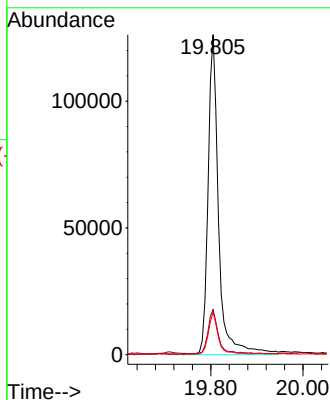
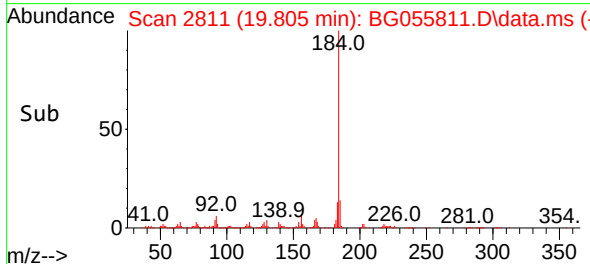
Instrument :
BNA_G
ClientSampleId :
LOCATION-3MS



Tgt Ion:184 Resp: 199878
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.8
183 13.3 10.6 15.8

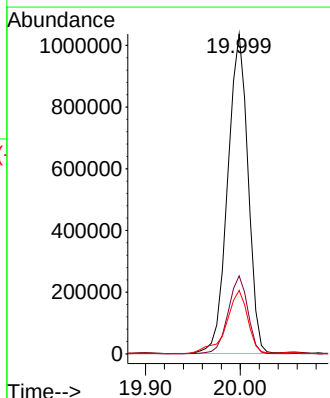
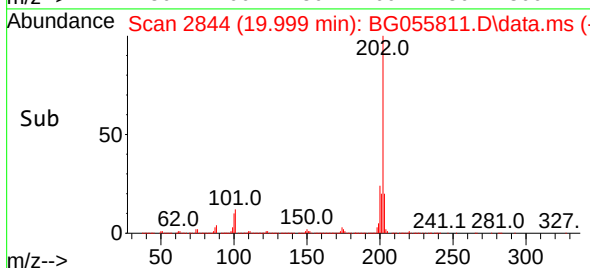
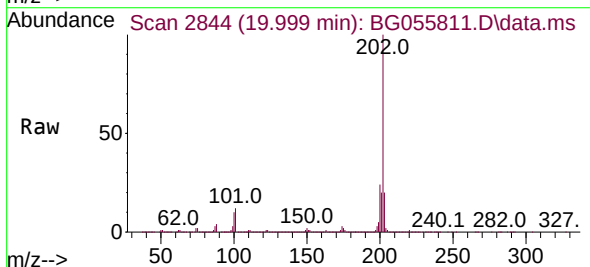
Manual Integrations
APPROVED

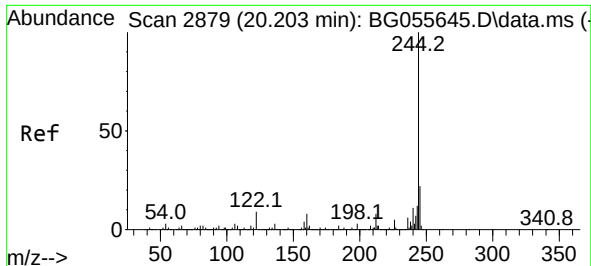
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#78
Pyrene
Concen: 79.776 ng
RT: 19.999 min Scan# 2844
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Tgt Ion:202 Resp: 1542190
Ion Ratio Lower Upper
202 100
200 24.4 17.8 26.6
203 19.8 14.4 21.6





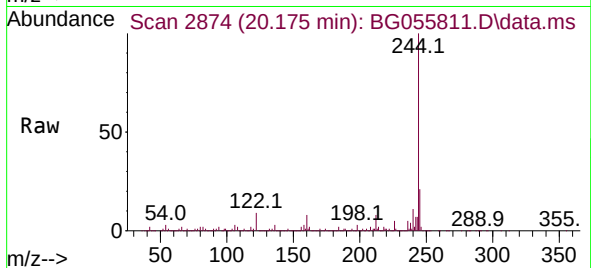
#79
 Terphenyl-d14
 Concen: 63.828 ng
 RT: 20.175 min Scan# 2879
 Delta R.T. -0.007 min
 Lab File: BG055811.D
 Acq: 28 Nov 2022 19:08

Instrument :

BNA_G

ClientSampleId :

LOCATION-3MS

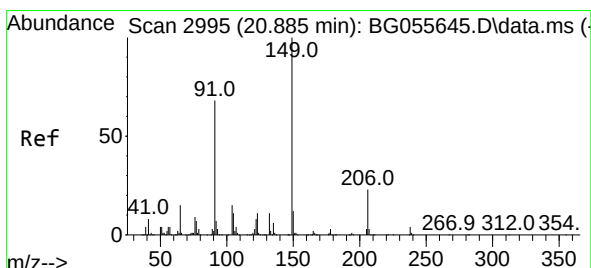
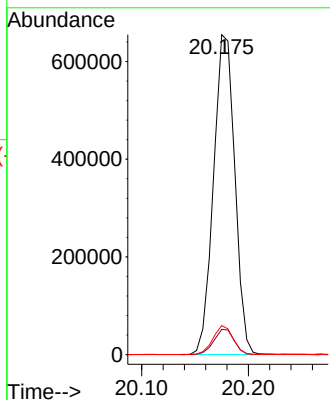
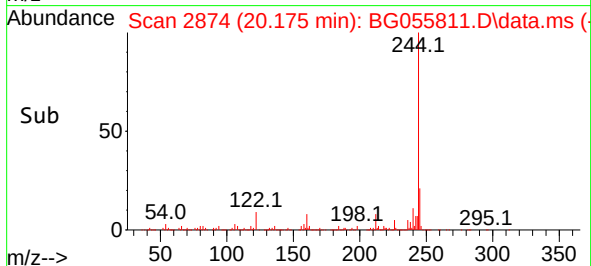


Tgt Ion:244 Resp: 911399
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 9.1 6.9 10.3

Manual Integrations

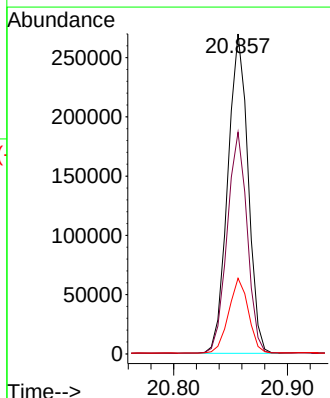
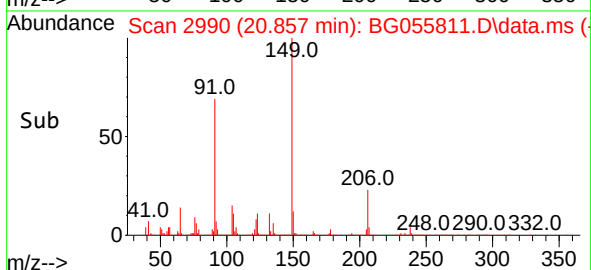
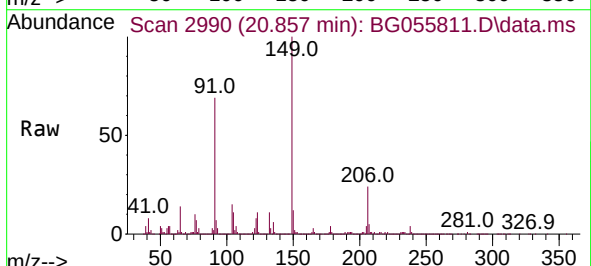
APPROVED

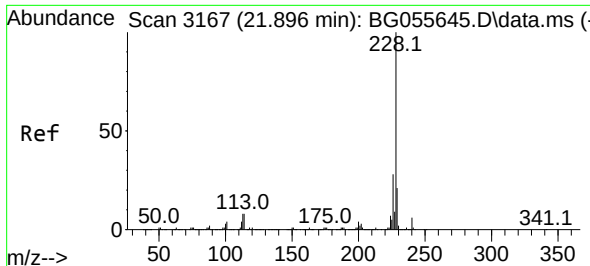
Reviewed By :Christian Giraldo 11/29/2022
 Supervised By :Jagrut Upadhyay 11/29/2022



#80
 Butylbenzylphthalate
 Concen: 44.032 ng
 RT: 20.857 min Scan# 2990
 Delta R.T. -0.007 min
 Lab File: BG055811.D
 Acq: 28 Nov 2022 19:08

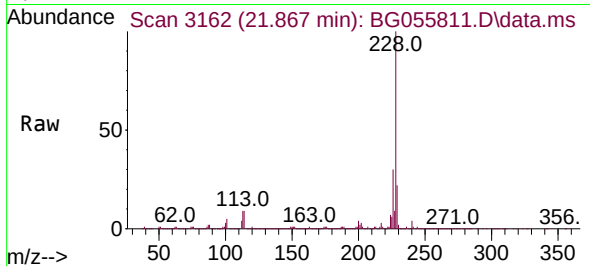
Tgt Ion:149 Resp: 333230
 Ion Ratio Lower Upper
 149 100
 91 69.3 54.6 81.8
 206 23.6 18.3 27.5





#81
Benzo(a)anthracene
Concen: 58.934 ng
RT: 21.867 min Scan# 3162
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

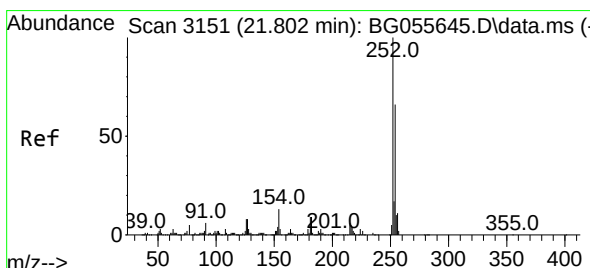
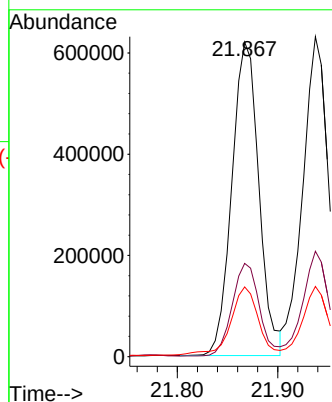
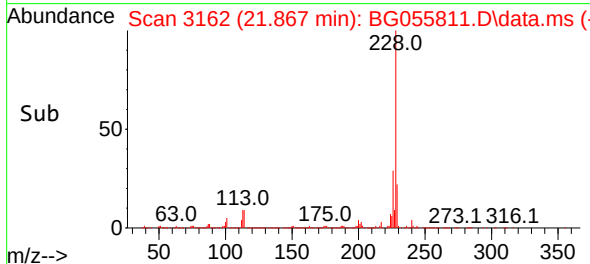
Instrument :
BNA_G
ClientSampleId :
LOCATION-3MS



Tgt Ion:228 Resp: 1159269
Ion Ratio Lower Upper
228 100
226 29.6 22.7 34.1
229 22.1 16.5 24.7

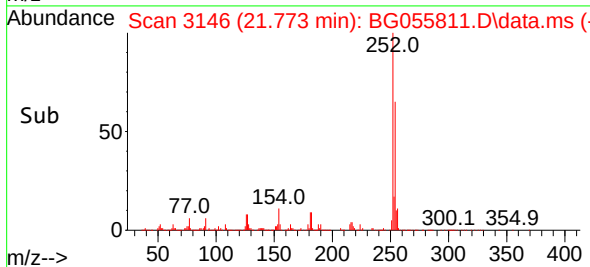
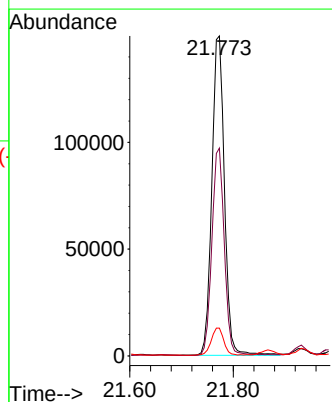
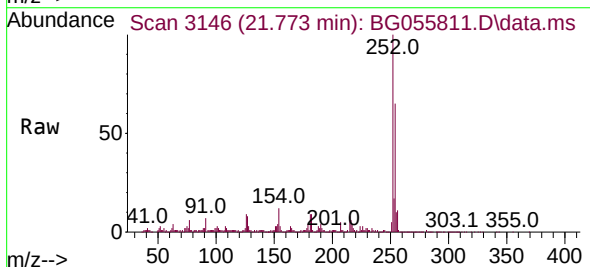
Manual Integrations
APPROVED

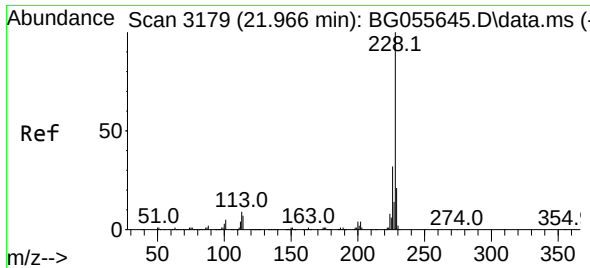
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#82
3,3'-Dichlorobenzidine
Concen: 36.523 ng
RT: 21.773 min Scan# 3146
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

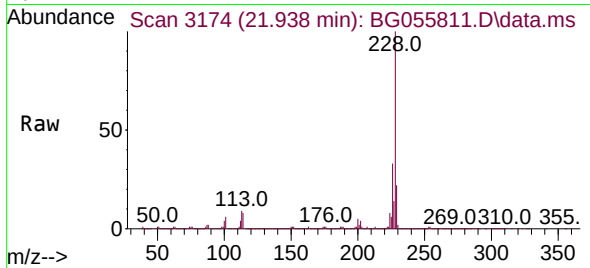
Tgt Ion:252 Resp: 252449
Ion Ratio Lower Upper
252 100
254 64.9 53.0 79.6
126 8.7 6.7 10.1





#83
Chrysene
Concen: 58.851 ng
RT: 21.938 min Scan# 3174
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

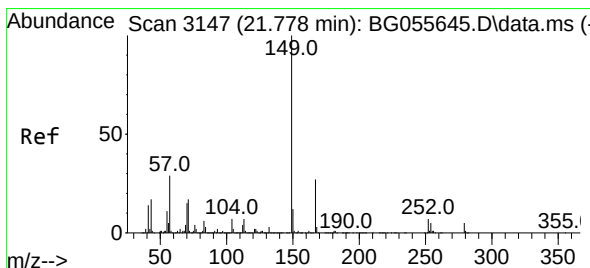
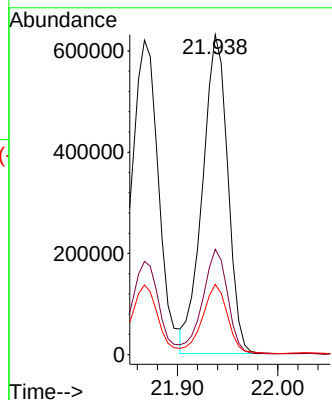
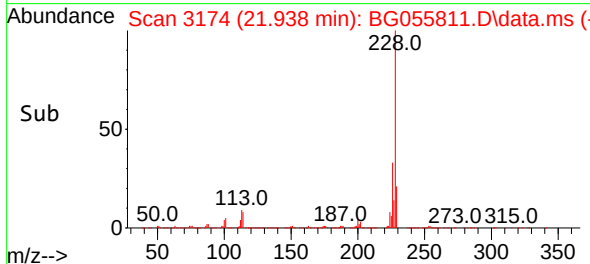
Instrument : BNA_G
ClientSampleId : LOCATION-3MS



Tgt Ion:228 Resp: 1102074
Ion Ratio Lower Upper
228 100
226 32.9 25.4 38.2
229 21.9 17.1 25.7

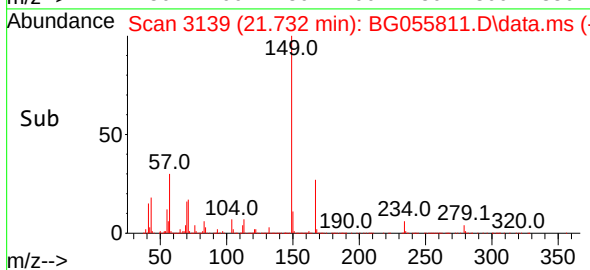
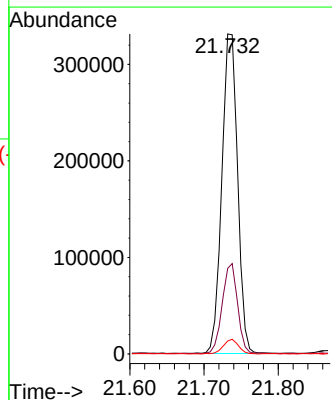
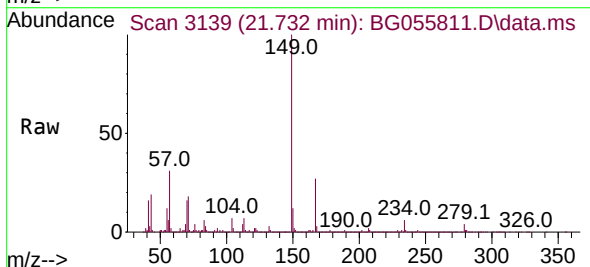
Manual Integrations
APPROVED

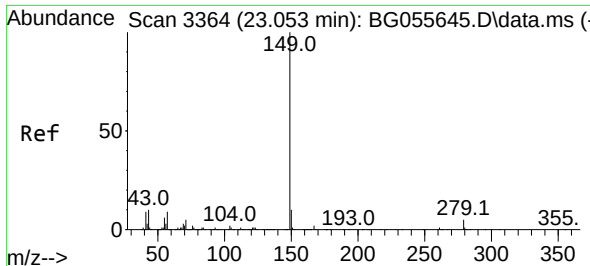
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.914 ng
RT: 21.732 min Scan# 3139
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

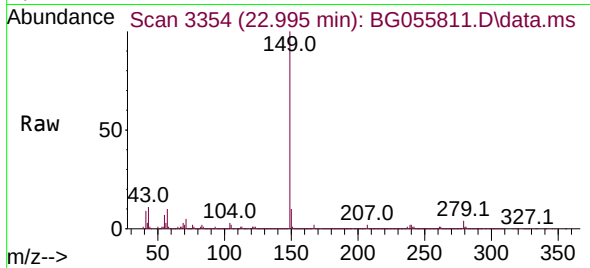
Tgt Ion:149 Resp: 488489
Ion Ratio Lower Upper
149 100
167 26.7 22.0 33.0
279 4.0 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 44.356 ng
RT: 22.995 min Scan# 3364
Delta R.T. -0.013 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

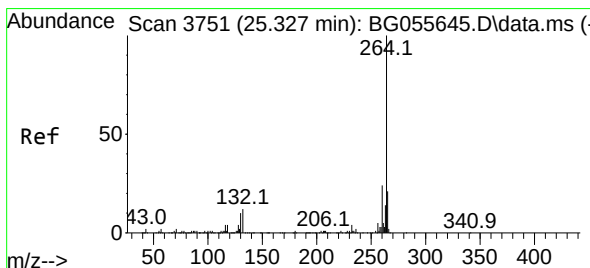
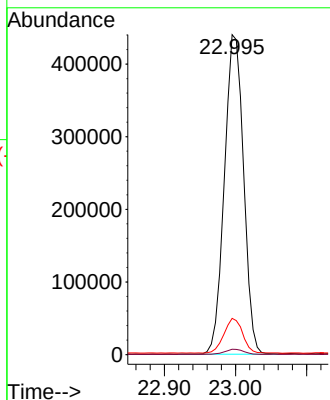
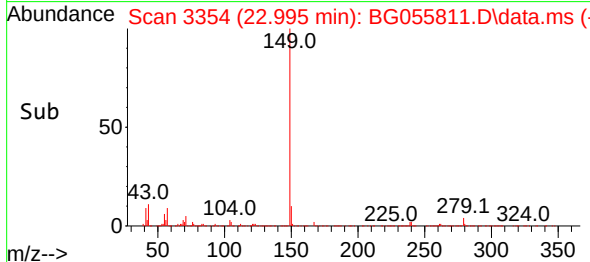
Instrument :
BNA_G
ClientSampleId :
LOCATION-3MS



Tgt Ion:149 Resp: 825582
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.6 8.4 12.6

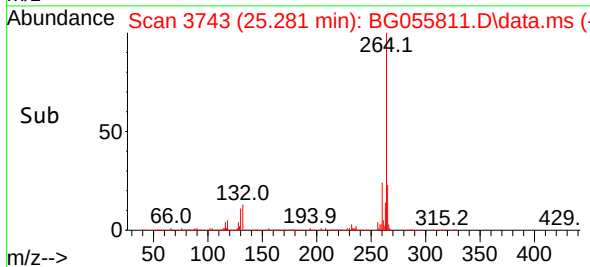
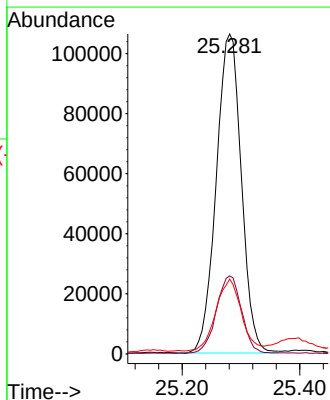
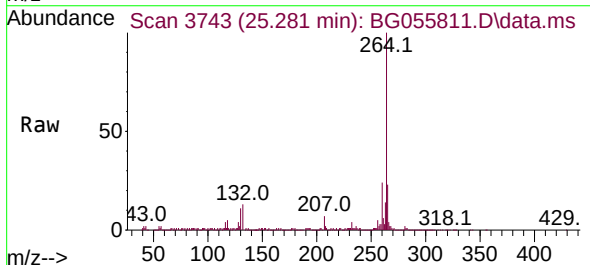
Manual Integrations
APPROVED

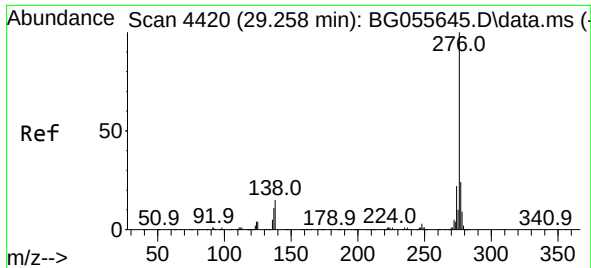
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.281 min Scan# 3743
Delta R.T. -0.007 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

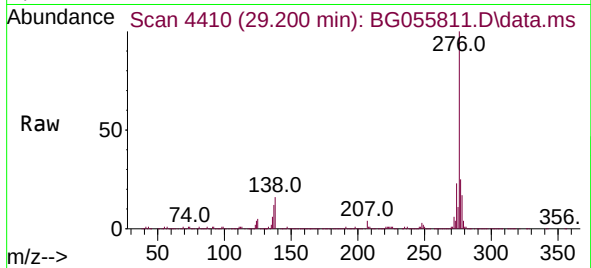
Tgt Ion:264 Resp: 314467
Ion Ratio Lower Upper
264 100
260 24.4 19.5 29.3
265 23.4 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.930 ng
RT: 29.200 min Scan# 4420
Delta R.T. -0.013 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

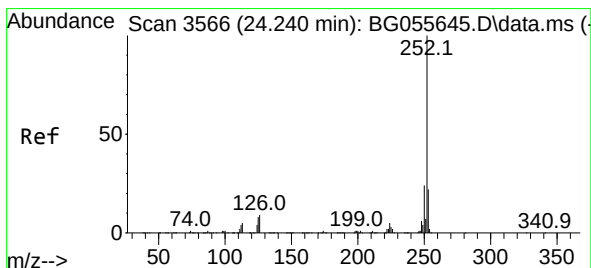
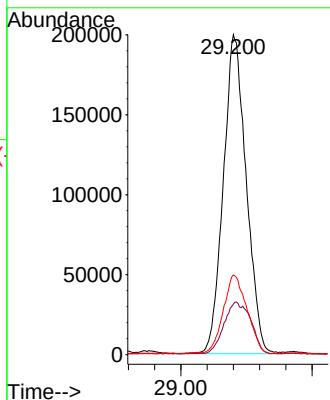
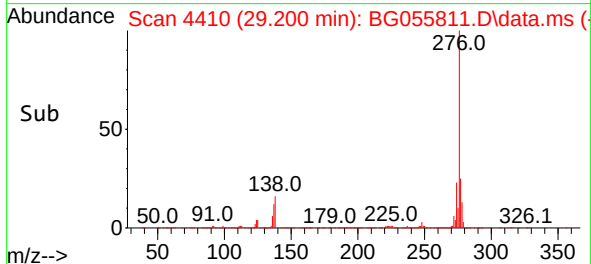
Instrument :
BNA_G
ClientSampleId :
LOCATION-3MS



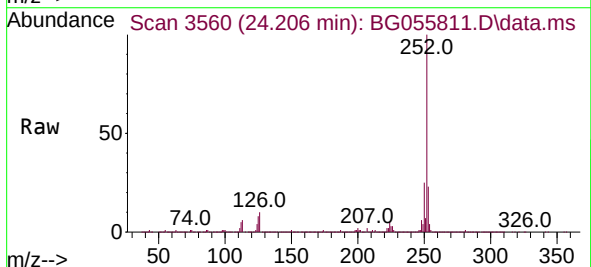
Tgt Ion:276 Resp: 1209008
Ion Ratio Lower Upper
276 100
138 18.9 10.4 15.6
277 25.4 20.2 30.4

Manual Integrations
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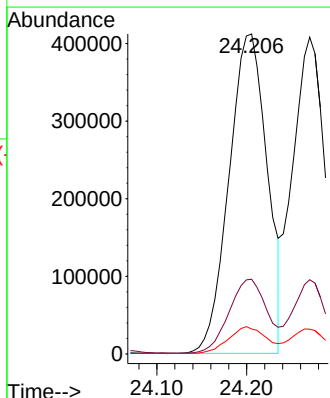
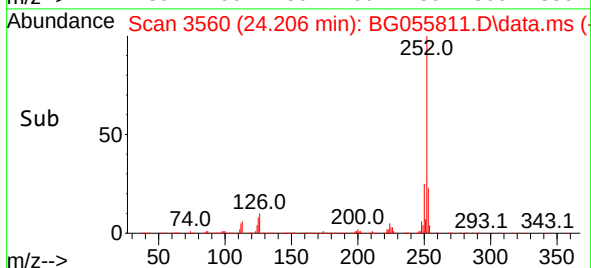
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

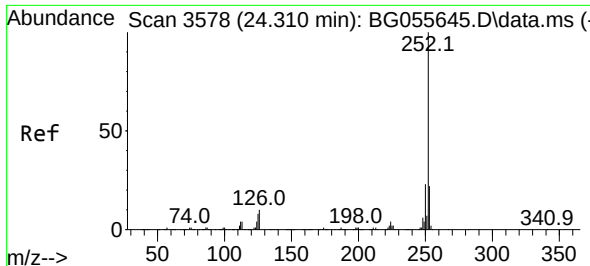


#88
Benzo(b)fluoranthene
Concen: 59.262 ng
RT: 24.206 min Scan# 3560
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08



Tgt Ion:252 Resp: 1213668
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 7.8 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 50.001 ng

RT: 24.270 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG055811.D

Acq: 28 Nov 2022 19:08

Instrument :

BNA_G

ClientSampleId :

LOCATION-3MS

Tgt Ion:252 Resp: 102074

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.6

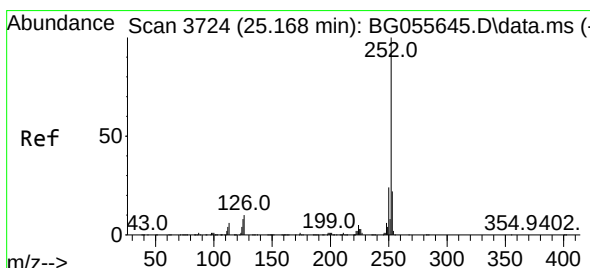
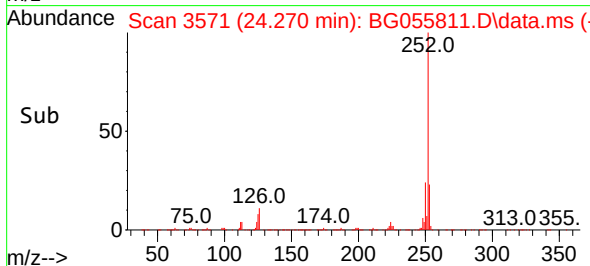
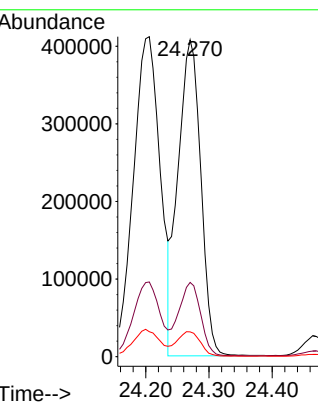
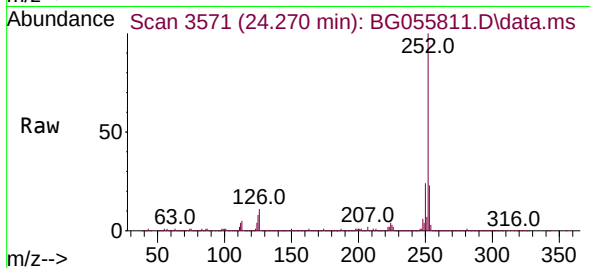
125 7.8 6.1 9.1

Manual Integrations

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Reviewed By :Christian Giraldo 11/29/2022

Supervised By :Jagrut Upadhyay 11/29/2022



#90

Benzo(a)pyrene

Concen: 62.534 ng

RT: 25.128 min Scan# 3717

Delta R.T. -0.001 min

Lab File: BG055811.D

Acq: 28 Nov 2022 19:08

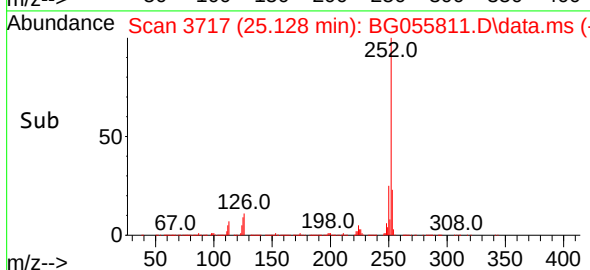
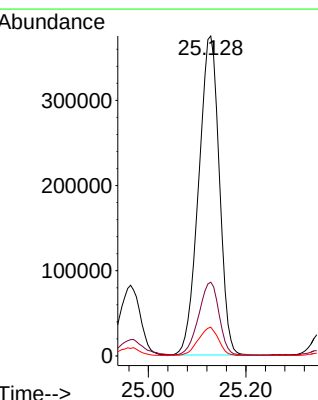
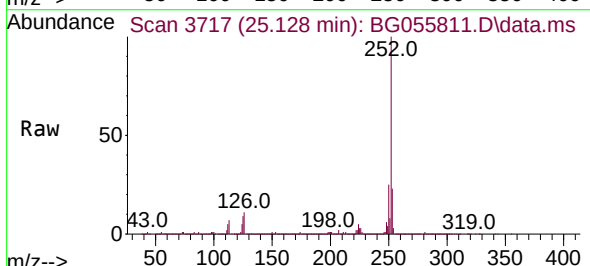
Tgt Ion:252 Resp: 1098983

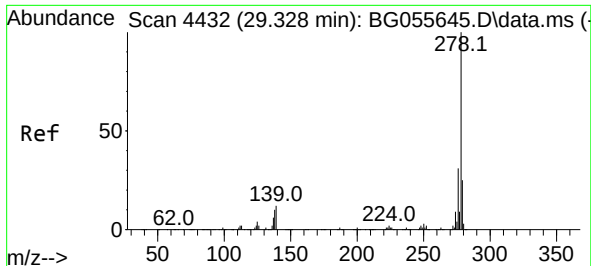
Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

125 9.0 6.4 9.6





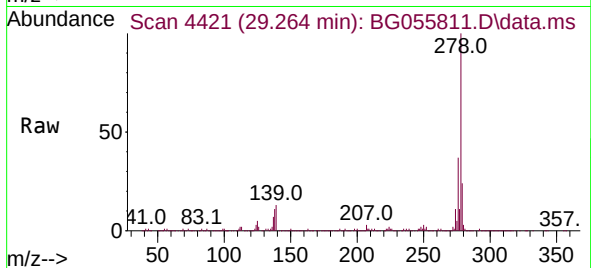
#91
Dibenzo(a,h)anthracene
Concen: 42.234 ng
RT: 29.264 min Scan# 4432
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Instrument :

BNA_G

ClientSampleId :

LOCATION-3MS

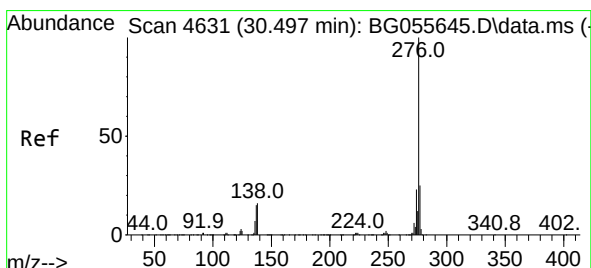
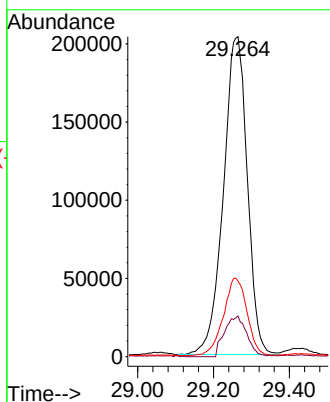
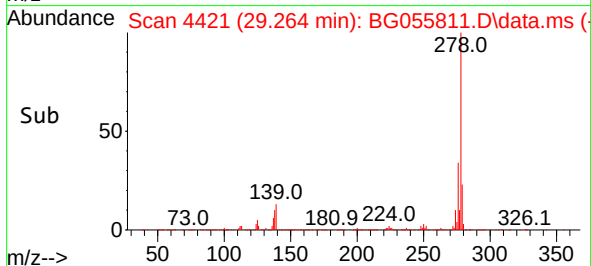


Tgt Ion:278 Resp: 889106
Ion Ratio Lower Upper
278 100
139 12.7 9.8 14.8
279 23.6 19.8 29.6

Manual Integrations

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Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#92
Benzo(g,h,i)perylene
Concen: 49.605 ng
RT: 30.434 min Scan# 4620
Delta R.T. -0.001 min
Lab File: BG055811.D
Acq: 28 Nov 2022 19:08

Tgt Ion:276 Resp: 1052514
Ion Ratio Lower Upper
276 100
277 24.3 19.8 29.6
138 16.1 13.1 19.7

