

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111522\
 Data File : BG055622.D
 Acq On : 15 Nov 2022 14:47
 Operator : CG/JU
 Sample : PB148852BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148852BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/16/2022
 Supervised By : Jagrut Upadhyay 11/16/2022

Quant Time: Nov 16 01:41:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 01:36:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.260	152	39245	20.000	ng	0.00
21) Naphthalene-d8	11.092	136	182421	20.000	ng	0.00
39) Acenaphthene-d10	14.881	164	141962	20.000	ng	0.00
64) Phenanthrene-d10	17.625	188	343960	20.000	ng	0.00
76) Chrysene-d12	21.926	240	319675	20.000	ng	0.00
86) Perylene-d12	25.340	264	332447	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.786	112	323217	156.871	ng	0.00
7) Phenol-d6	7.396	99	432097	151.821	ng	0.00
23) Nitrobenzene-d5	9.429	82	258947	96.231	ng	0.00
42) 2,4,6-Tribromophenol	16.368	330	248602	179.479	ng	0.00
45) 2-Fluorobiphenyl	13.506	172	679761	72.227	ng	0.00
79) Terphenyl-d14	20.210	244	1266400	79.569	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.618	88	31166	29.780	ng	91
3) Pyridine	4.029	79	86847	29.846	ng	99
4) n-Nitrosodimethylamine	3.941	42	64024	40.423	ng	97
6) Aniline	7.572	93	107157	28.346	ng	98
8) 2-Chlorophenol	7.813	128	120673	52.314	ng	97
9) Benzaldehyde	7.384	77	26049	11.601	ng	95
10) Phenol	7.425	94	159205	48.591	ng	99
11) bis(2-Chloroethyl)ether	7.660	93	107427	40.724	ng	99
12) 1,3-Dichlorobenzene	8.148	146	122825	42.626	ng	99
13) 1,4-Dichlorobenzene	8.295	146	123561	42.372	ng	97
14) 1,2-Dichlorobenzene	8.618	146	122680	44.300	ng	98
15) Benzyl Alcohol	8.489	79	119174m	48.017	ng	
16) 2,2'-oxybis(1-Chloropr...	8.783	45	201855	39.823	ng	98
17) 2-Methylphenol	8.689	107	113293	49.137	ng	99
18) Hexachloroethane	9.352	117	42815	44.225	ng	98
19) n-Nitroso-di-n-propyla...	9.065	70	98919	42.055	ng	98
20) 3+4-Methylphenols	9.018	107	153825	47.890	ng	99
22) Acetophenone	9.082	105	187651	38.669	ng	# 99
24) Nitrobenzene	9.470	77	139925	45.199	ng	99
25) Isophorone	9.999	82	275505	40.075	ng	99
26) 2-Nitrophenol	10.187	139	69043	66.436	ng	# 91
27) 2,4-Dimethylphenol	10.234	122	127790	51.990	ng	99
28) bis(2-Chloroethoxy)met...	10.475	93	154819	41.768	ng	98
29) 2,4-Dichlorophenol	10.727	162	132218	48.948	ng	99
30) 1,2,4-Trichlorobenzene	10.945	180	133448	39.440	ng	99
31) Naphthalene	11.139	128	374170	37.938	ng	99
32) Benzoic acid	10.369	122	95960	58.574	ng	95
33) 4-Chloroaniline	11.238	127	100857	24.465	ng	97
34) Hexachlorobutadiene	11.421	225	88395	39.171	ng	97
35) Caprolactam	12.008	113	46907m	50.940	ng	
36) 4-Chloro-3-methylphenol	12.337	107	150743	47.343	ng	98
37) 2-Methylnaphthalene	12.725	142	287727	38.828	ng	99
38) 1-Methylnaphthalene	12.942	142	273672	37.756	ng	99
40) 1,2,4,5-Tetrachloroben...	13.089	216	165670	39.068	ng	99
41) Hexachlorocyclopentadiene	13.066	237	211199	116.337	ng	97
43) 2,4,6-Trichlorophenol	13.318	196	120018	48.134	ng	96

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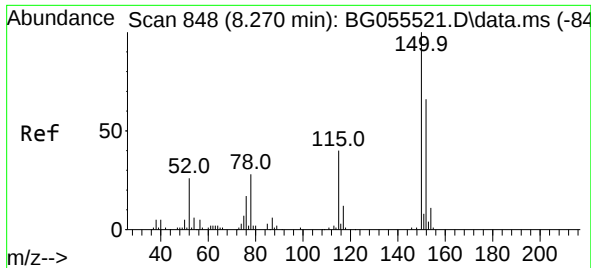
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.395	196	133660	46.825	ng	100
46) 1,1'-Biphenyl	13.718	154	397844	38.307	ng	99
47) 2-Chloronaphthalene	13.765	162	301928	37.639	ng	100
48) 2-Nitroaniline	13.959	65	108610	52.203	ng	99
49) Acenaphthylene	14.611	152	507645	38.246	ng	100
50) Dimethylphthalate	14.323	163	437476	40.555	ng	100
51) 2,6-Dinitrotoluene	14.446	165	93119	49.035	ng	95
52) Acenaphthene	14.946	154	370788m	44.747	ng	
53) 3-Nitroaniline	14.776	138	76621	34.696	ng	# 97
54) 2,4-Dinitrophenol	14.981	184	119388	178.002	ng	# 76
55) Dibenzofuran	15.275	168	509067	38.427	ng	99
56) 4-Nitrophenol	15.075	139	165835	103.820	ng	99
57) 2,4-Dinitrotoluene	15.228	165	134299	53.194	ng	98
58) Fluorene	15.921	166	408579	38.767	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.498	232	128574	48.597	ng	97
60) Diethylphthalate	15.680	149	446484	40.686	ng	100
61) 4-Chlorophenyl-phenyle...	15.909	204	225831	40.284	ng	99
62) 4-Nitroaniline	15.939	138	100961	47.207	ng	99
63) Azobenzene	16.203	77	388521	36.525	ng	97
65) 4,6-Dinitro-2-methylph...	15.992	198	79189	64.071	ng	96
66) n-Nitrosodiphenylamine	16.121	169	376219	39.044	ng	99
67) 4-Bromophenyl-phenylether	16.803	248	153427	43.725	ng	98
68) Hexachlorobenzene	16.926	284	167705	40.201	ng	97
69) Atrazine	17.061	200	104146	29.866	ng	98
70) Pentachlorophenol	17.267	266	218572	95.635	ng	99
71) Phenanthrene	17.666	178	700771	37.909	ng	99
72) Anthracene	17.754	178	712236	39.315	ng	99
73) Carbazole	18.019	167	632064	38.605	ng	100
74) Di-n-butylphthalate	18.559	149	756754	40.313	ng	100
75) Fluoranthene	19.658	202	823647	37.363	ng	99
77) Benzidine	19.834	184	201594m	23.310	ng	
78) Pyrene	20.022	202	840051	38.828	ng	99
80) Butylbenzylphthalate	20.892	149	331687	40.795	ng	95
81) Benzo(a)anthracene	21.902	228	830679	37.937	ng	100
82) 3,3'-Dichlorobenzidine	21.803	252	269970	37.778	ng	100
83) Chrysene	21.973	228	778644	37.397	ng	99
84) Bis(2-ethylhexyl)phtha...	21.779	149	475053	43.507	ng	99
85) Di-n-octyl phthalate	23.060	149	810425	42.950	ng	98
87) Indeno(1,2,3-cd)pyrene	29.276	276	974801	38.499	ng	99
88) Benzo(b)fluoranthene	24.247	252	863392	40.989	ng	99
89) Benzo(k)fluoranthene	24.323	252	858589	39.870	ng	99
90) Benzo(a)pyrene	25.181	252	764812	42.151	ng	100
91) Dibenzo(a,h)anthracene	29.347	278	836958	39.932	ng	98
92) Benzo(g,h,i)perylene	30.510	276	815626	39.808	ng	98

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

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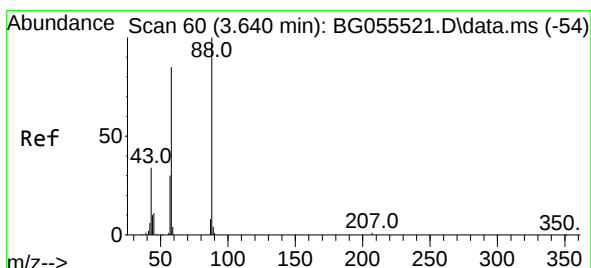
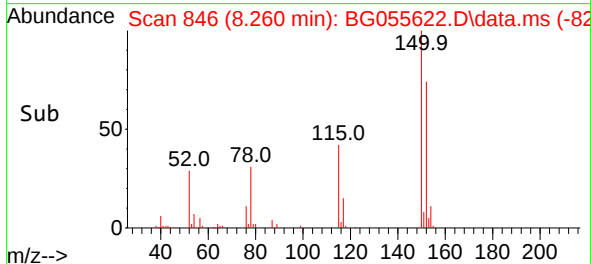
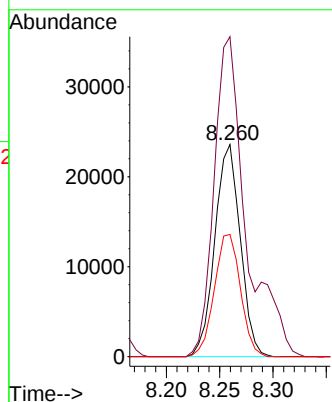
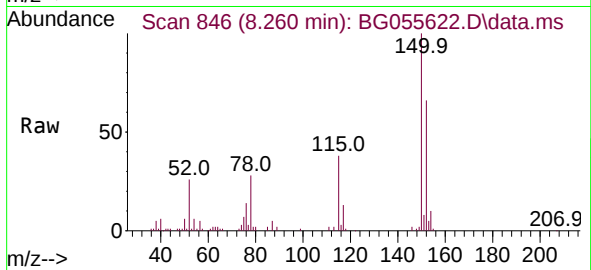
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.260 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Instrument :
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PB148852BS

Tgt Ion:152 Resp: 39245
Ion Ratio Lower Upper
152 100
150 150.9 121.0 181.4
115 57.6 47.8 71.8

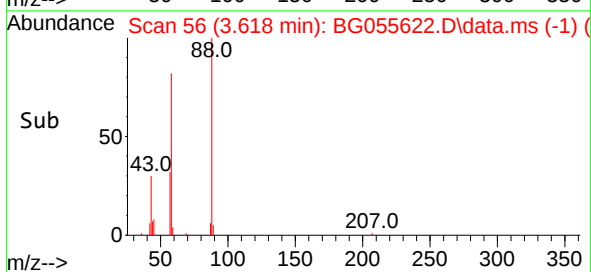
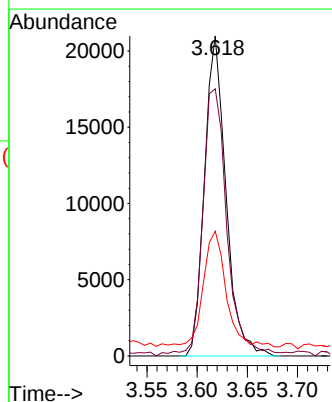
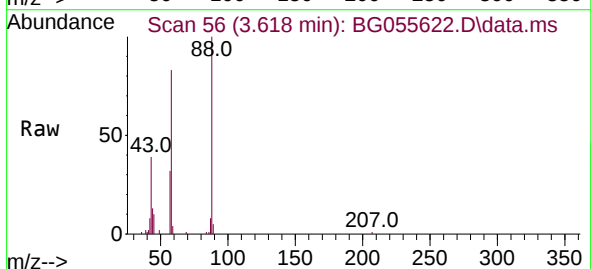
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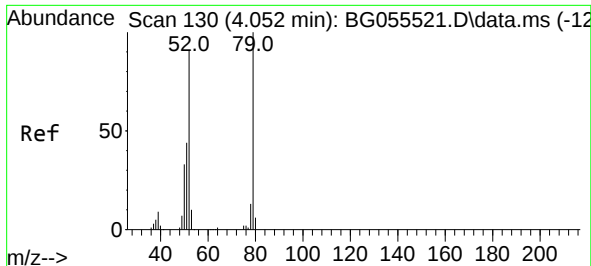
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#2
1,4-Dioxane
Concen: 29.780 ng
RT: 3.618 min Scan# 56
Delta R.T. -0.007 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Tgt Ion: 88 Resp: 31166
Ion Ratio Lower Upper
88 100
58 94.3 68.9 103.3
43 38.2 27.1 40.7





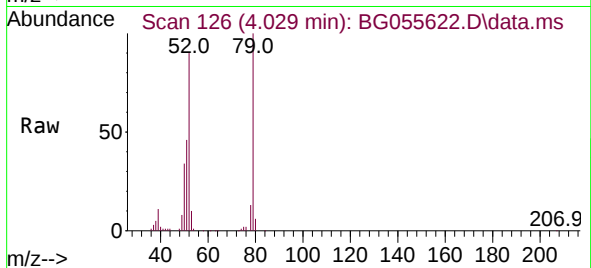
#3
Pyridine
Concen: 29.846 ng
RT: 4.029 min Scan# 110
Delta R.T. -0.007 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Instrument :

BNA_G

ClientSampleId :

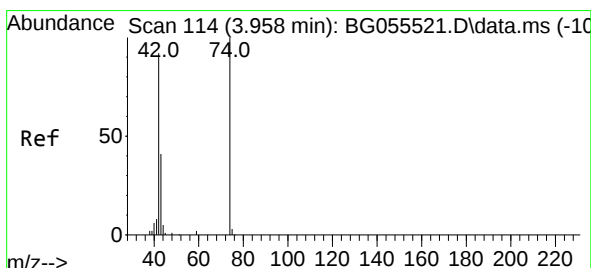
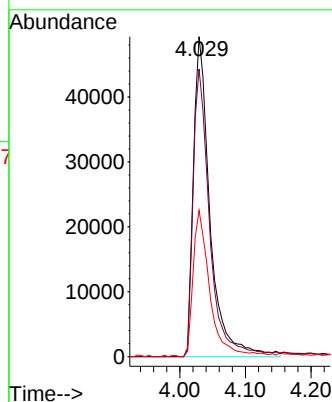
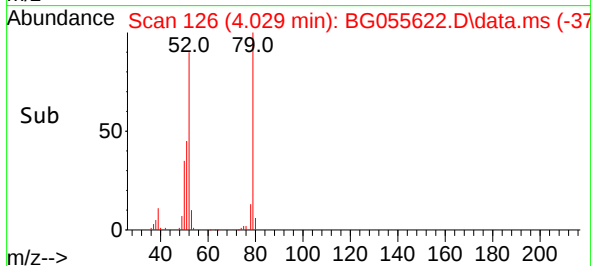
PB148852BS



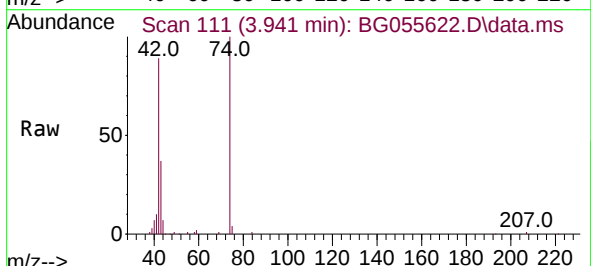
Tgt Ion: 79 Resp: 8684
Ion Ratio Lower Upper
79 100
52 89.9 72.7 109.1
51 45.7 36.0 54.0

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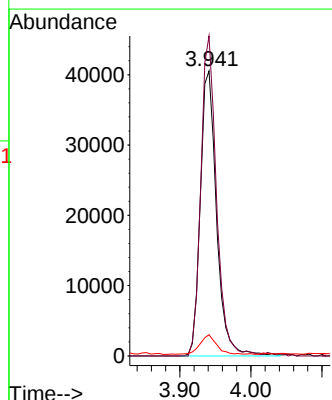
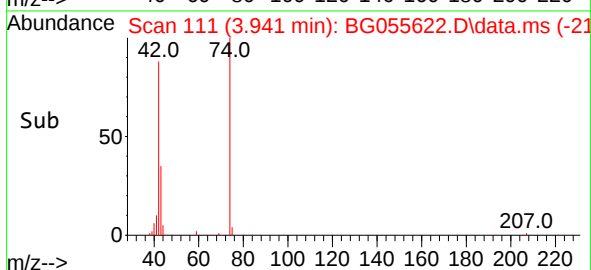
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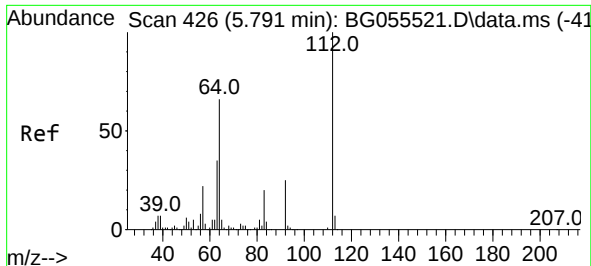


#4
n-Nitrosodimethylamine
Concen: 40.423 ng
RT: 3.941 min Scan# 111
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47



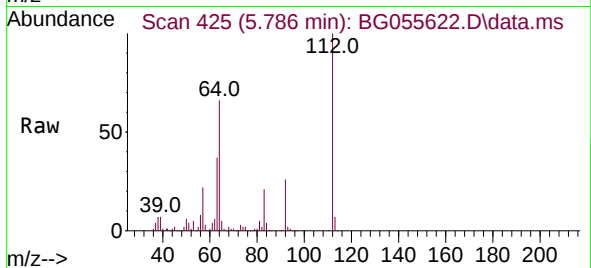
Tgt Ion: 42 Resp: 64024
Ion Ratio Lower Upper
42 100
74 112.3 87.1 130.7
44 7.5 5.6 8.4





#5
2-Fluorophenol
Concen: 156.871 ng
RT: 5.786 min Scan# 41
Delta R.T. 0.005 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

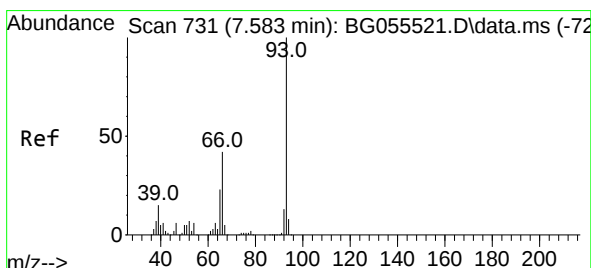
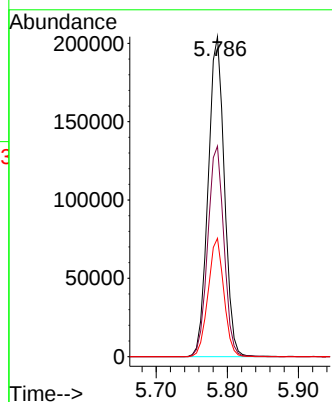
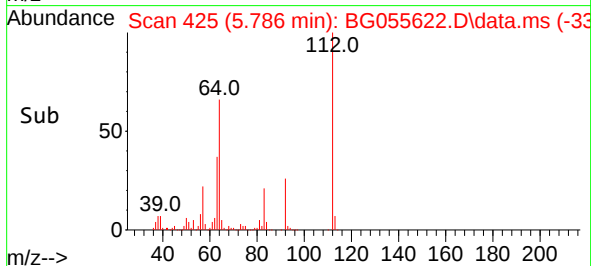
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:112 Resp: 32321
Ion Ratio Lower Upper
112 100
64 65.8 52.6 78.8
63 37.0 28.3 42.5

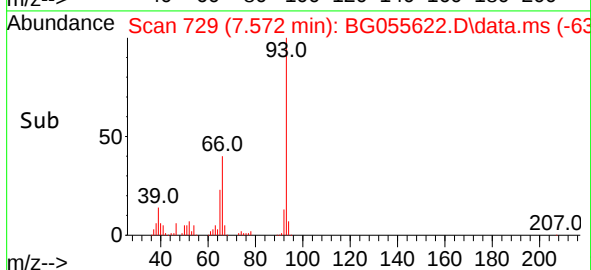
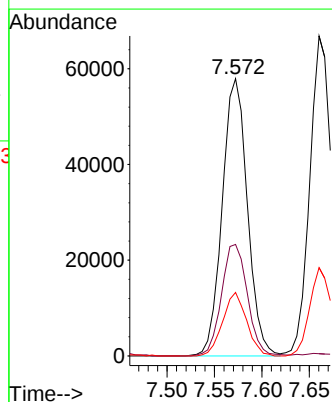
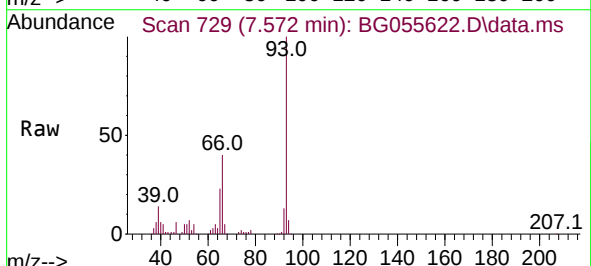
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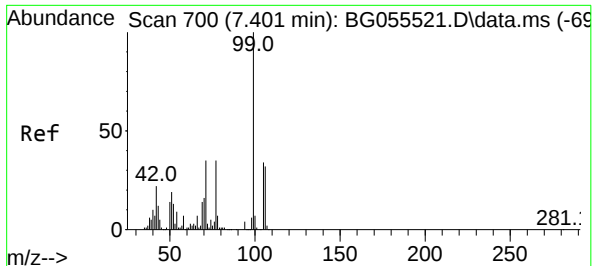
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#6
Aniline
Concen: 28.346 ng
RT: 7.572 min Scan# 729
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

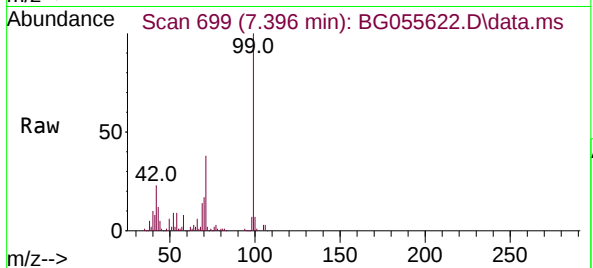
Tgt Ion: 93 Resp: 107157
Ion Ratio Lower Upper
93 100
66 40.2 33.2 49.8
65 22.9 18.1 27.1





#7
Phenol-d6
Concen: 151.821 ng
RT: 7.396 min Scan# 699
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

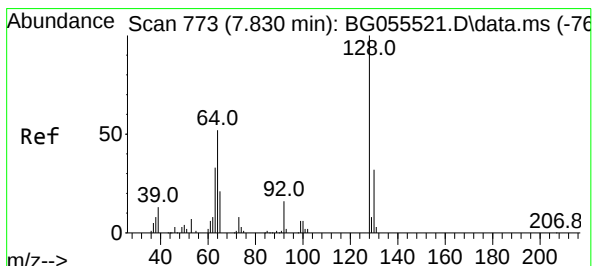
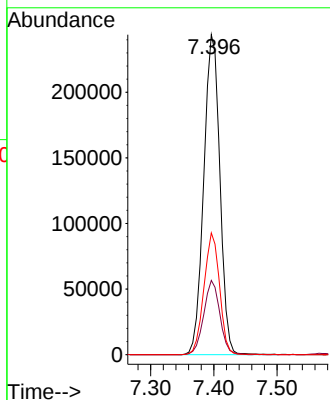
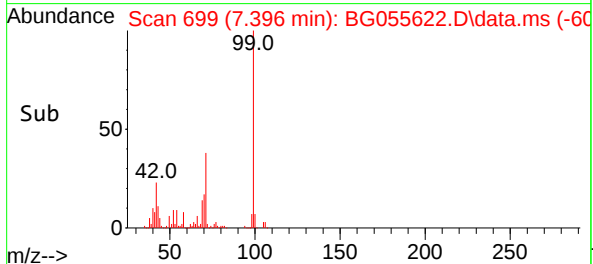
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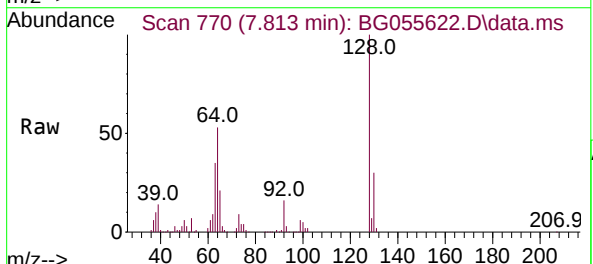
Tgt Ion: 99 Resp: 432097
Ion Ratio Lower Upper
99 100
42 23.2 17.5 26.3
71 38.0 28.3 42.5

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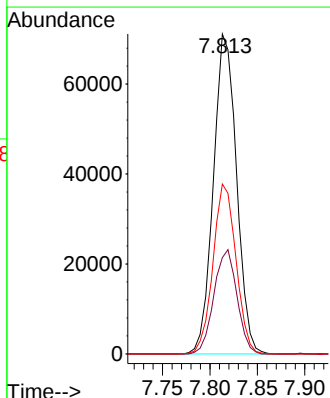
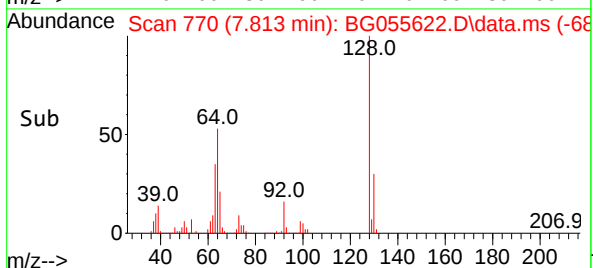
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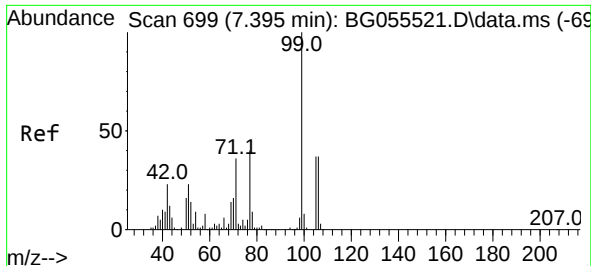


#8
2-Chlorophenol
Concen: 52.314 ng
RT: 7.813 min Scan# 770
Delta R.T. -0.007 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47



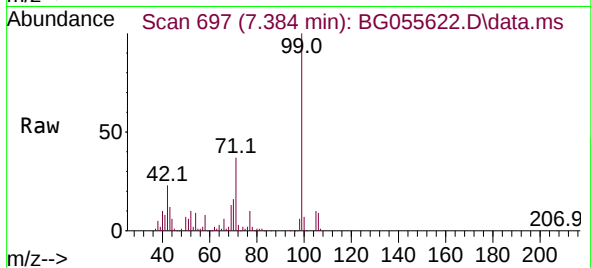
Tgt Ion:128 Resp: 120673
Ion Ratio Lower Upper
128 100
130 30.1 12.2 52.2
64 53.1 35.5 75.5





#9
Benzaldehyde
Concen: 11.601 ng
RT: 7.384 min Scan# 699
Delta R.T. -0.001 min
Lab File: BG055622.D
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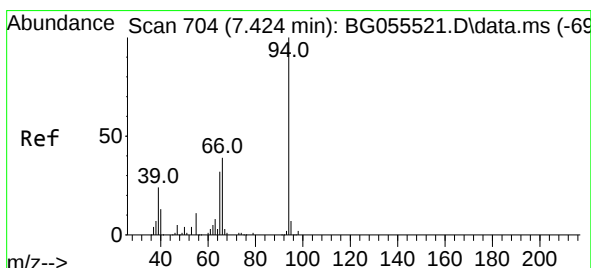
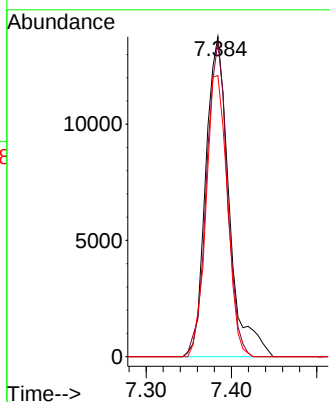
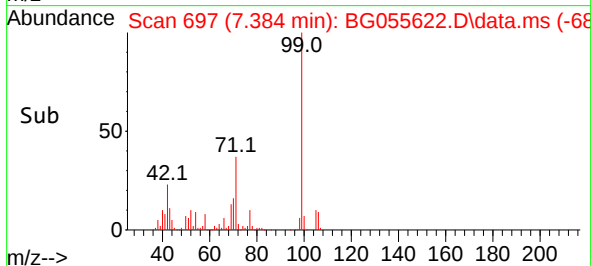
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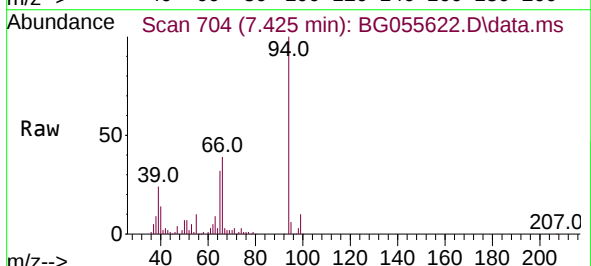
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Ion Ratio Lower Upper
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106 87.8 73.1 113.1

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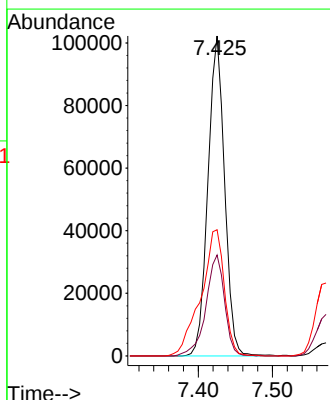
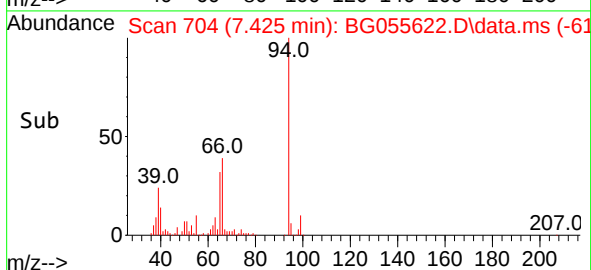
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

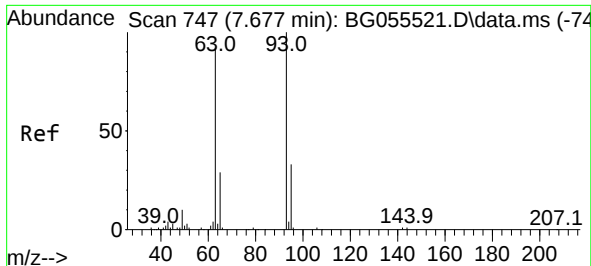


#10
Phenol
Concen: 48.591 ng
RT: 7.425 min Scan# 704
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47



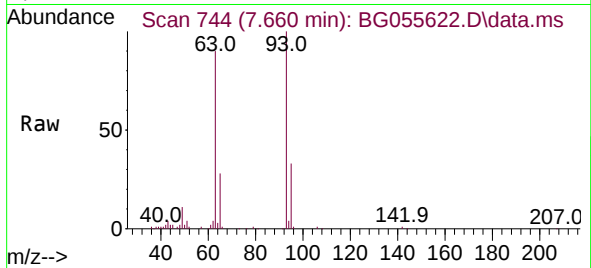
Tgt Ion: 94 Resp: 159205
Ion Ratio Lower Upper
94 100
65 31.5 11.9 51.9
66 39.4 20.3 60.3





#11
bis(2-Chloroethyl)ether
Concen: 40.724 ng
RT: 7.660 min Scan# 74
Delta R.T. -0.007 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

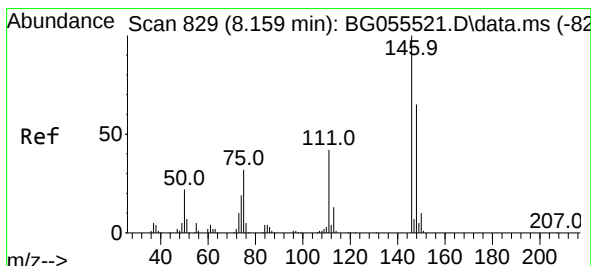
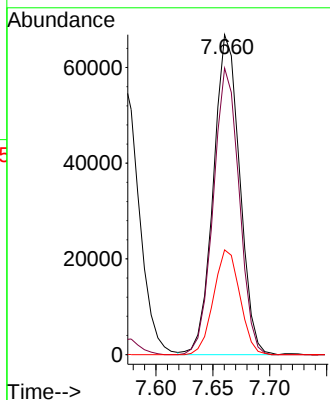
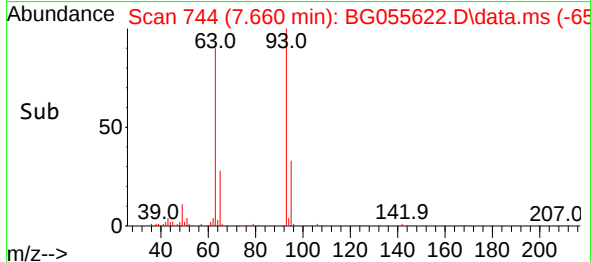
Instrument :
BNA_G
ClientSampleId :
PB148852BS



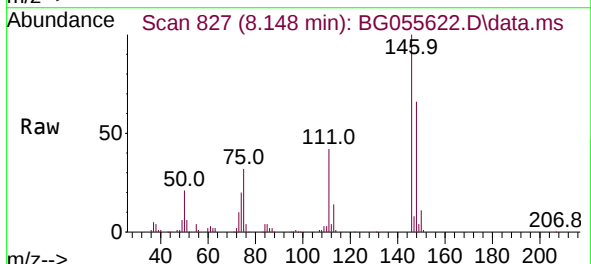
Tgt Ion: 93 Resp: 10742
Ion Ratio Lower Upper
93 100
63 89.5 71.2 111.2
95 32.8 12.4 52.4

Manual Integrations
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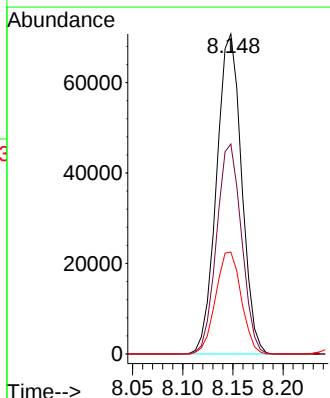
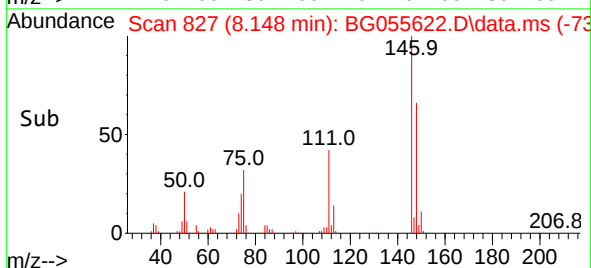
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

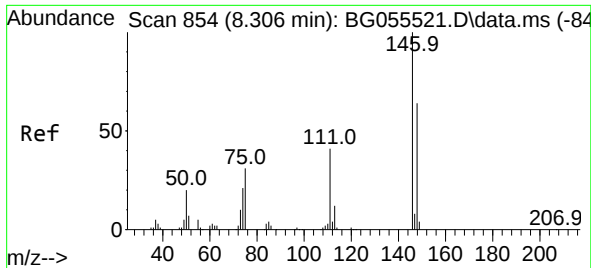


#12
1,3-Dichlorobenzene
Concen: 42.626 ng
RT: 8.148 min Scan# 827
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47



Tgt Ion:146 Resp: 122825
Ion Ratio Lower Upper
146 100
148 65.6 52.2 78.4
75 31.8 25.8 38.8





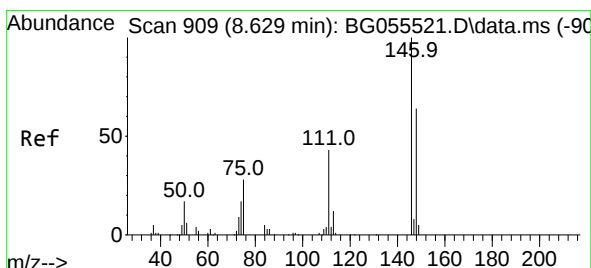
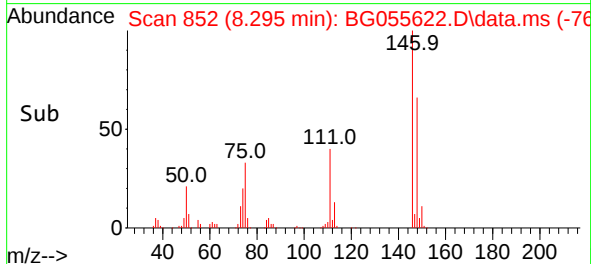
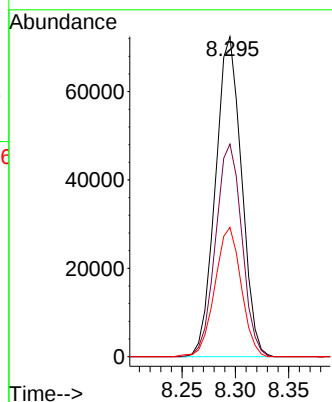
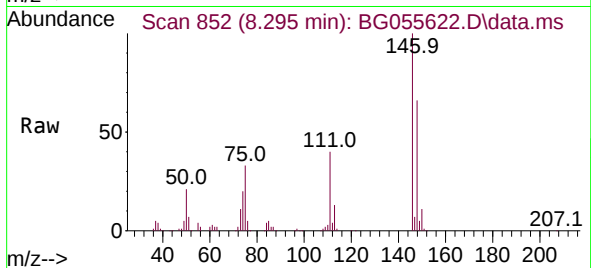
#13
1,4-Dichlorobenzene
Concen: 42.372 ng
RT: 8.295 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Instrument :
BNA_G
ClientSampleId :
PB148852BS

Tgt Ion:146 Resp: 123561
Ion Ratio Lower Upper
146 100
148 66.4 51.0 76.6
111 40.4 33.0 49.6

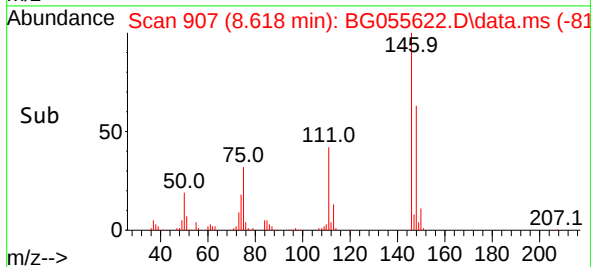
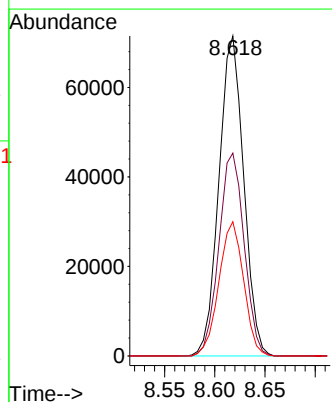
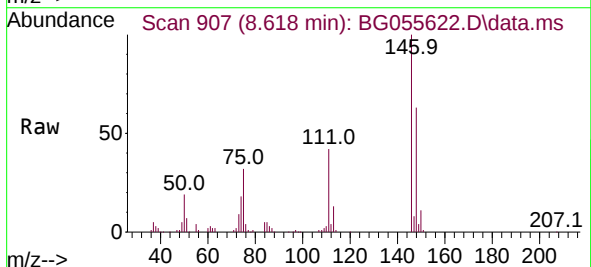
Manual Integrations
APPROVED

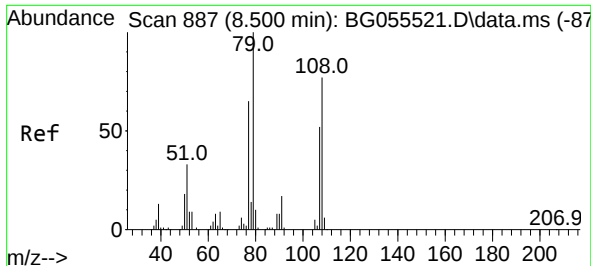
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#14
1,2-Dichlorobenzene
Concen: 44.300 ng
RT: 8.618 min Scan# 907
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

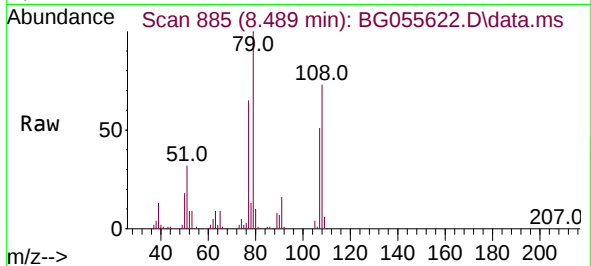
Tgt Ion:146 Resp: 122680
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.6
111 41.9 34.6 52.0





#15
Benzyl Alcohol
Concen: 48.017 ng m
RT: 8.489 min Scan# 887
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

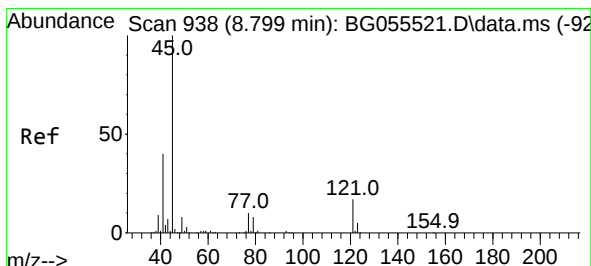
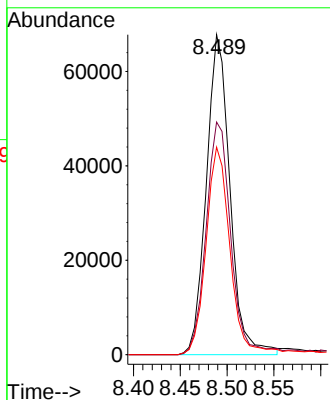
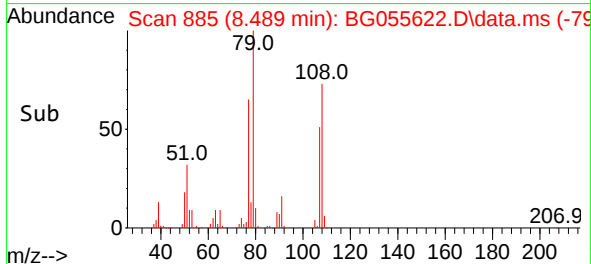
Instrument :
BNA_G
ClientSampleId :
PB148852BS



Tgt Ion: 79 Resp: 119174
Ion Ratio Lower Upper
79 100
108 72.7 61.8 92.6
77 64.8 52.4 78.6

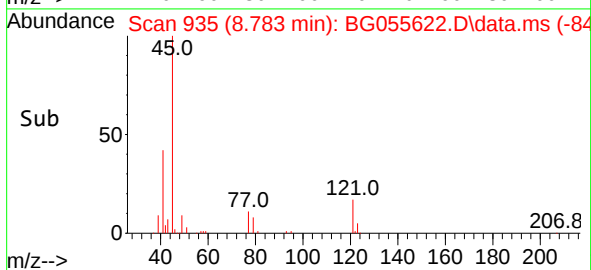
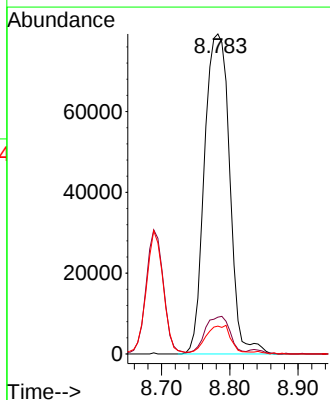
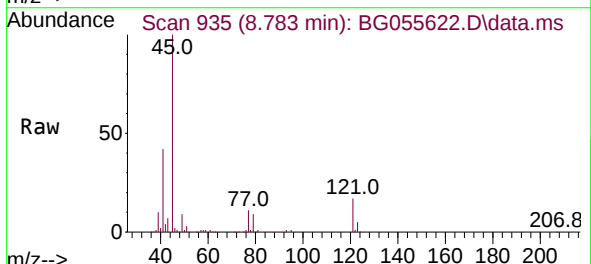
Manual Integrations
APPROVED

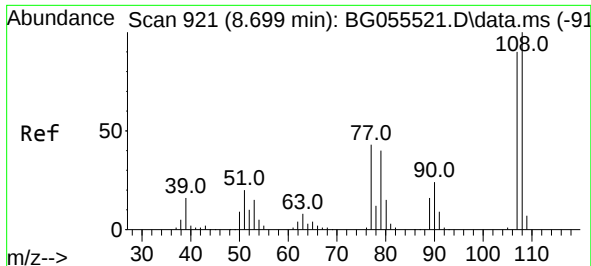
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.823 ng
RT: 8.783 min Scan# 935
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Tgt Ion: 45 Resp: 201855
Ion Ratio Lower Upper
45 100
77 11.5 0.0 30.4
79 8.7 0.0 28.3





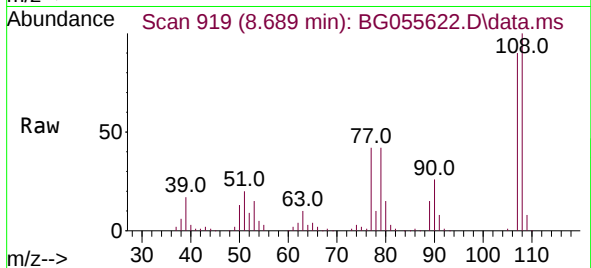
#17
2-Methylphenol
Concen: 49.137 ng
RT: 8.689 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Instrument :

BNA_G

ClientSampleId :

PB148852BS

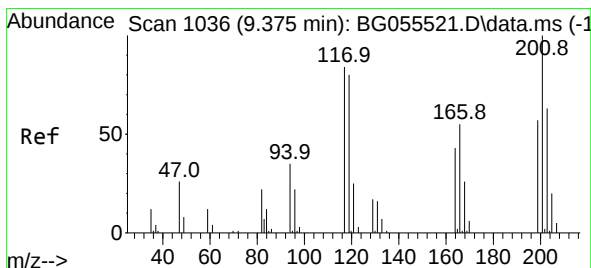
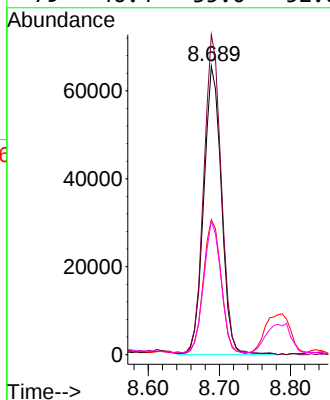
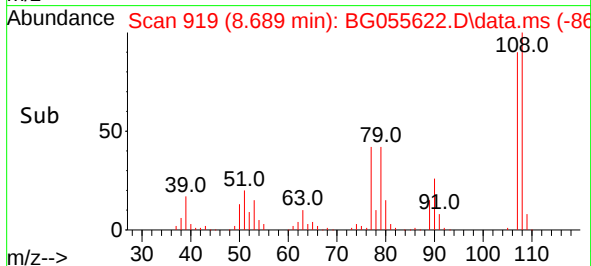


Tgt Ion:107 Resp: 113293
Ion Ratio Lower Upper
107 100
108 111.0 88.6 132.8
77 46.8 38.2 57.2
79 46.4 35.0 52.6

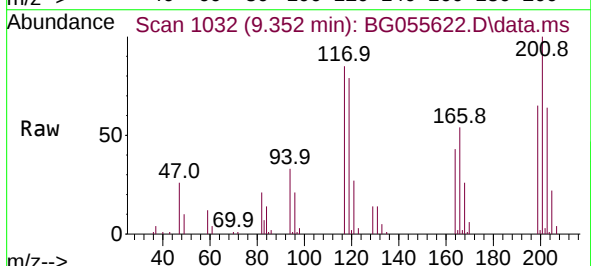
Manual Integrations

APPROVED

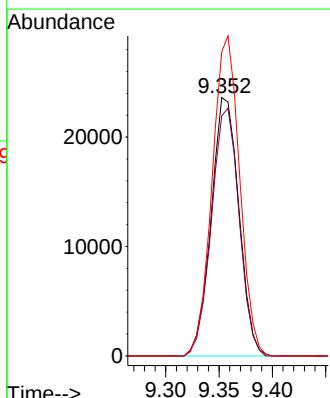
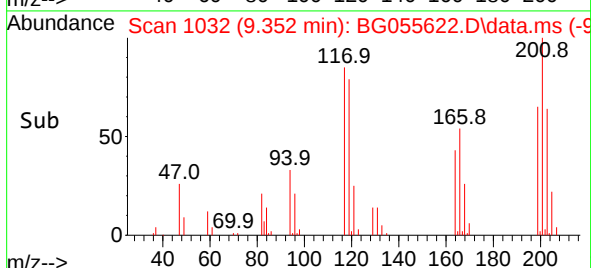
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

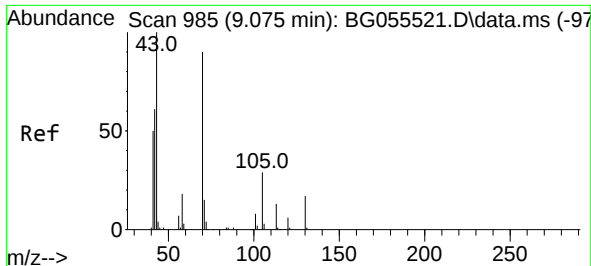


#18
Hexachloroethane
Concen: 44.225 ng
RT: 9.352 min Scan# 1032
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47



Tgt Ion:117 Resp: 42815
Ion Ratio Lower Upper
117 100
119 92.9 77.3 115.9
201 117.6 94.8 142.2





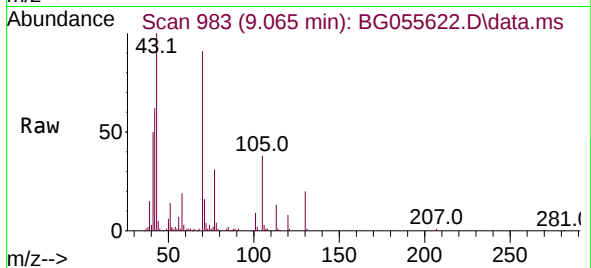
#19
n-Nitroso-di-n-propylamine
Concen: 42.055 ng
RT: 9.065 min Scan# 985
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Instrument :

BNA_G

ClientSampleId :

PB148852BS

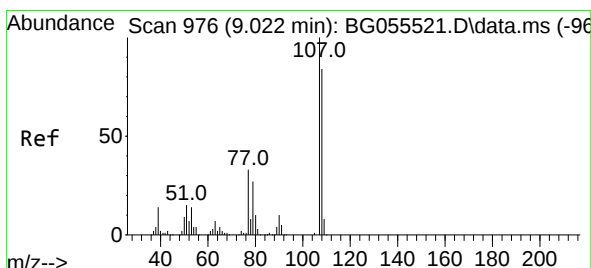
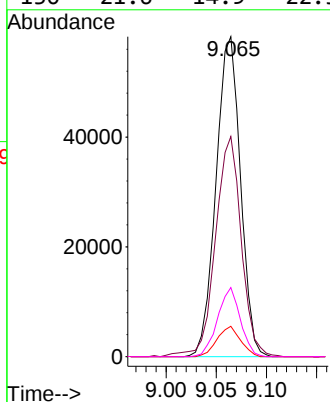
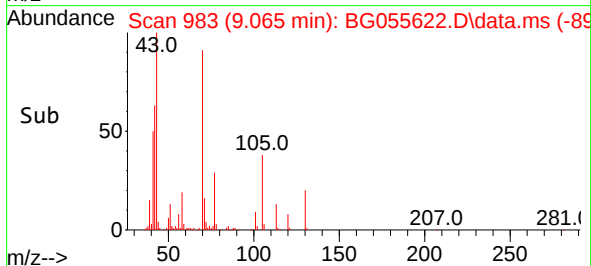


Tgt Ion: 70 Resp: 98919
Ion Ratio Lower Upper
70 100
42 68.8 54.8 82.2
101 9.5 6.8 10.2
130 21.6 14.9 22.3

Manual Integrations

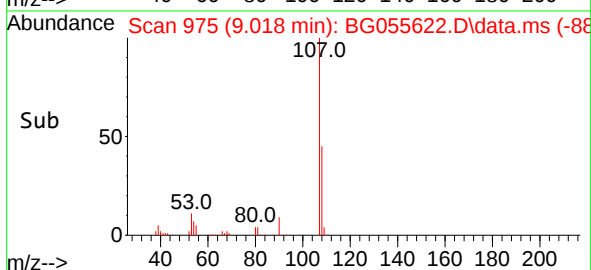
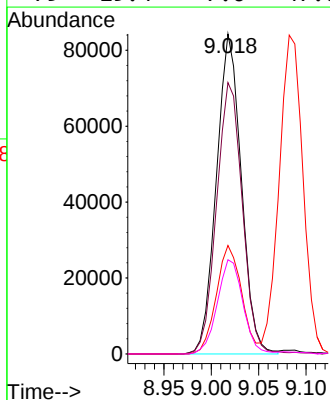
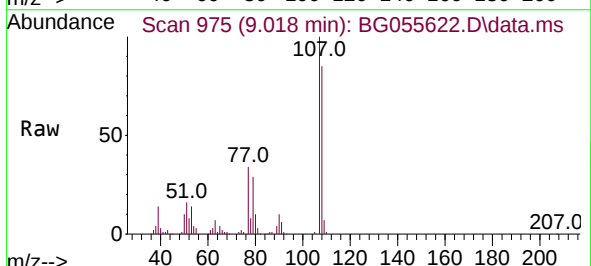
APPROVED

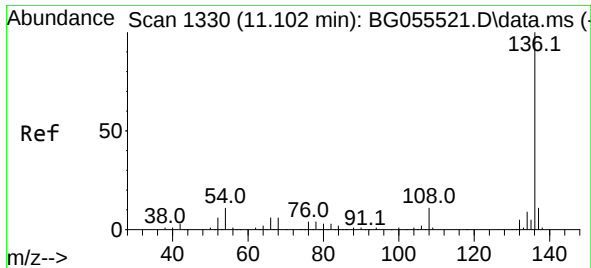
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#20
3+4-Methylphenols
Concen: 47.890 ng
RT: 9.018 min Scan# 975
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Tgt Ion:107 Resp: 153825
Ion Ratio Lower Upper
107 100
108 84.8 63.9 103.9
77 33.9 13.2 53.2
79 29.4 7.6 47.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.092 min Scan# 1330
Delta R.T. 0.005 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Instrument :

BNA_G

ClientSampleId :

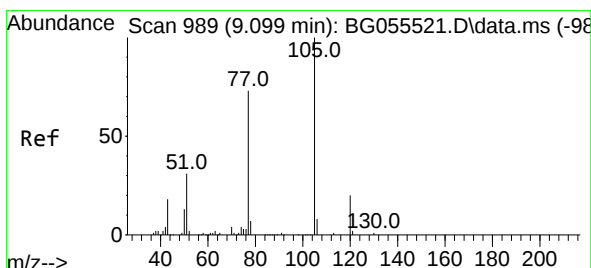
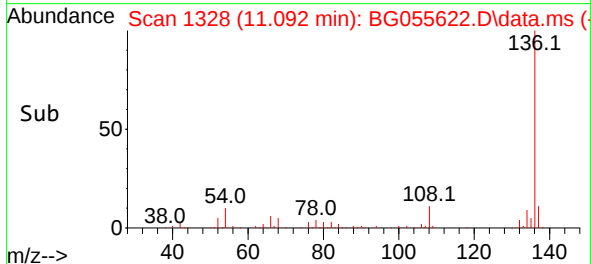
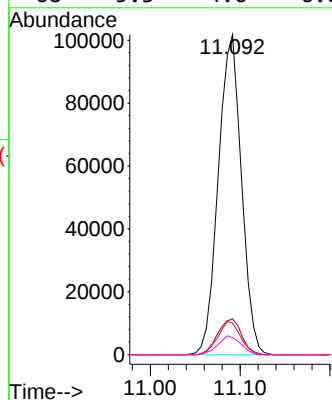
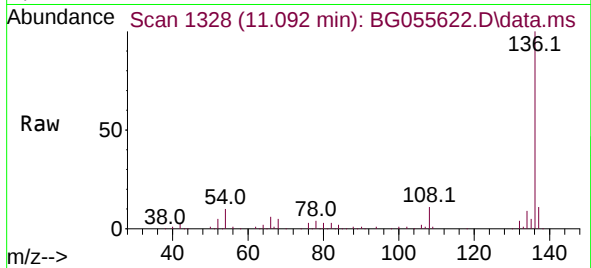
PB148852BS

Tgt Ion:136 Resp: 182421
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 9.8 8.6 12.8
68 5.3 4.6 6.8

Manual Integrations

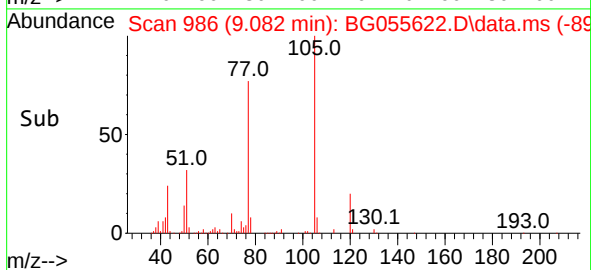
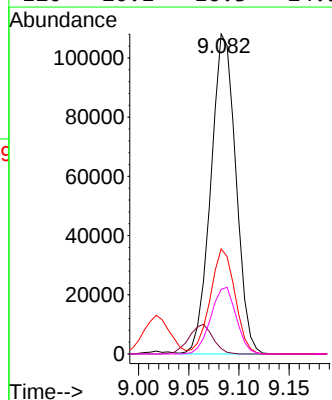
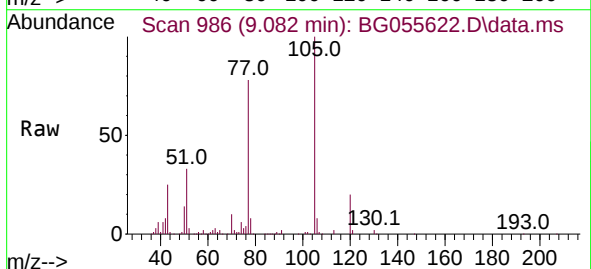
APPROVED

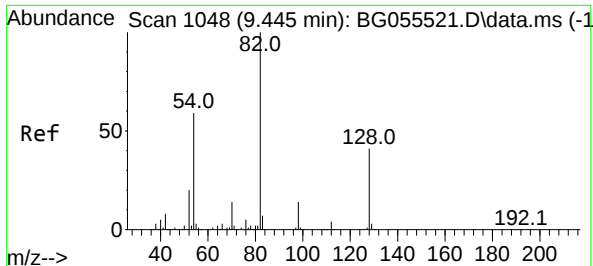
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#22
Acetophenone
Concen: 38.669 ng
RT: 9.082 min Scan# 986
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Tgt Ion:105 Resp: 187651
Ion Ratio Lower Upper
105 100
71 1.7 0.8 1.2#
51 32.8 26.5 39.7
120 20.1 16.3 24.5





#23

Nitrobenzene-d5

Concen: 96.231 ng

RT: 9.429 min Scan# 1045

Delta R.T. -0.001 min

Lab File: BG055622.D

Acq: 15 Nov 2022 14:47

Instrument :

BNA_G

ClientSampleId :

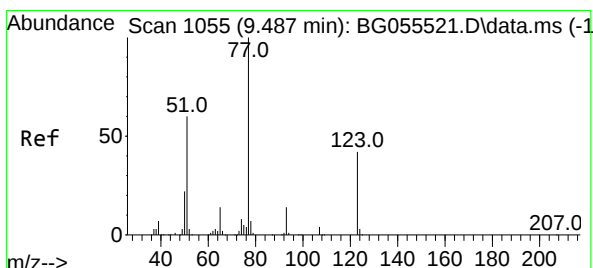
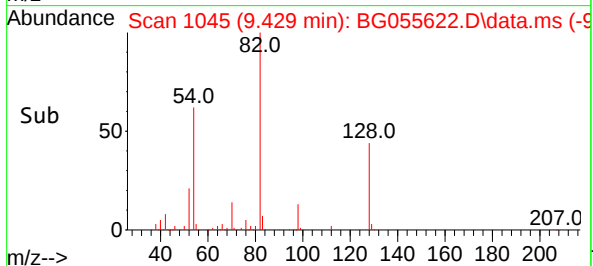
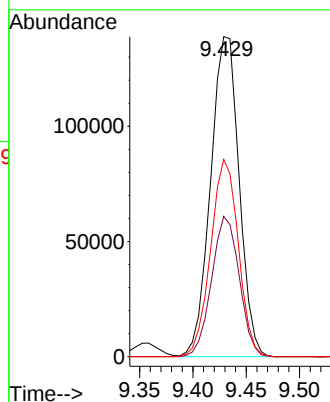
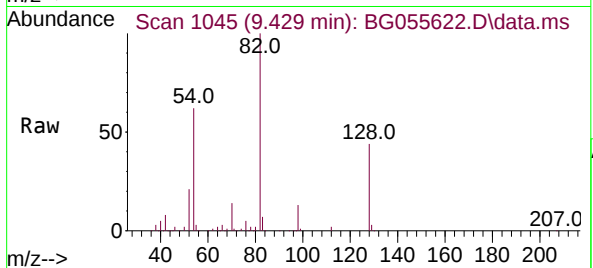
PB148852BS

Tgt Ion: 82	Resp: 25894
Ion Ratio	Lower Upper
82	100
128	43.9 32.6 49.0
54	61.6 47.3 70.9

Manual Integrations

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Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#24

Nitrobenzene

Concen: 45.199 ng

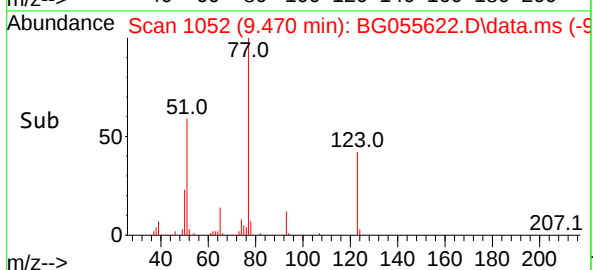
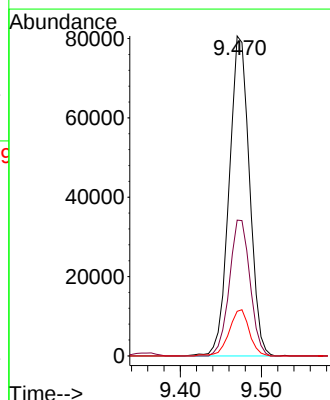
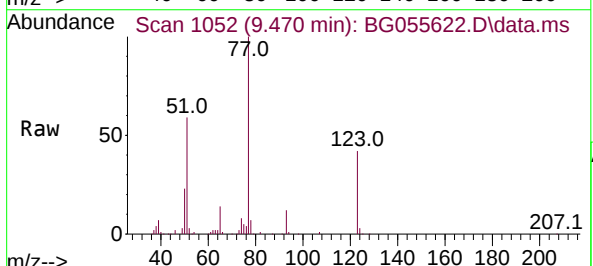
RT: 9.470 min Scan# 1052

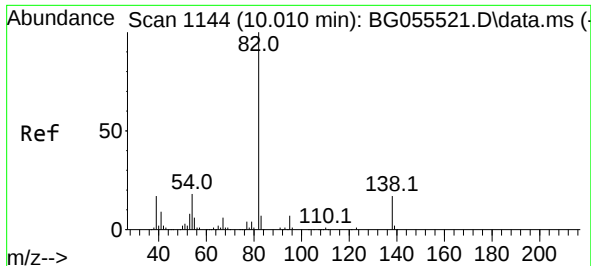
Delta R.T. -0.007 min

Lab File: BG055622.D

Acq: 15 Nov 2022 14:47

Tgt Ion: 77	Resp: 139925
Ion Ratio	Lower Upper
77	100
123	42.4 33.4 50.2
65	13.9 11.5 17.3





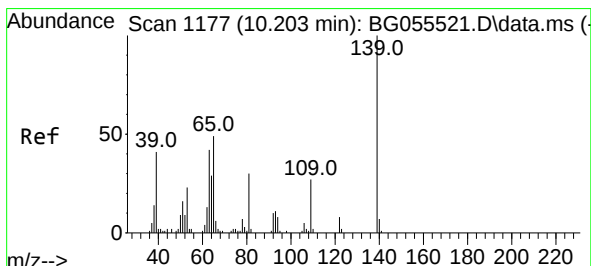
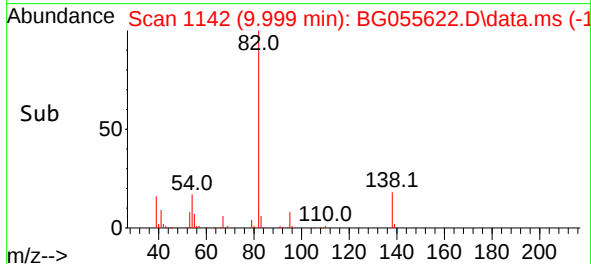
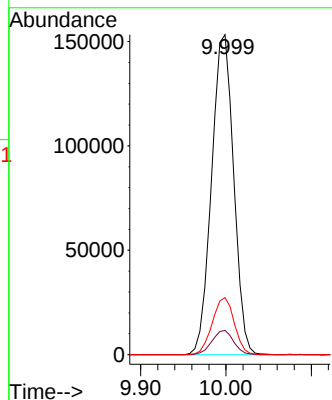
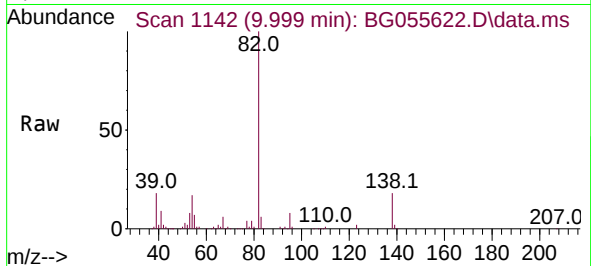
#25
Isophorone
Concen: 40.075 ng
RT: 9.999 min Scan# 1142
Delta R.T. 0.005 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Instrument :
BNA_G
ClientSampleId :
PB148852BS

Tgt Ion: 82 Resp: 275505
Ion Ratio Lower Upper
82 100
95 7.6 5.7 8.5
138 17.8 13.8 20.6

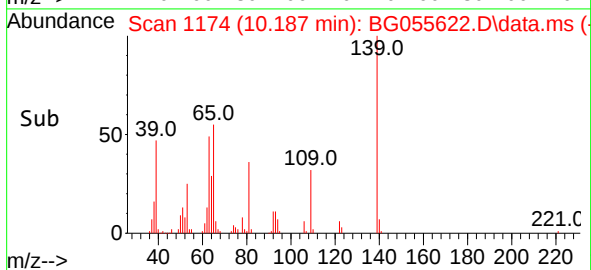
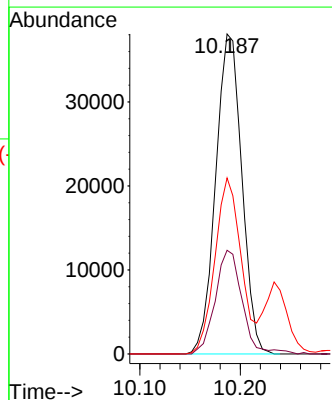
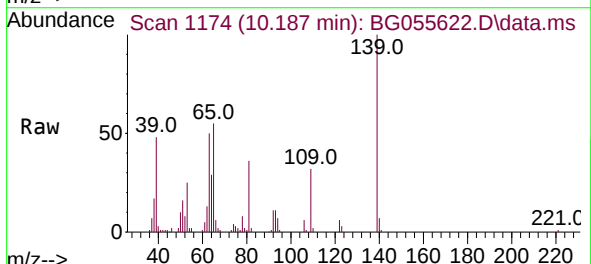
Manual Integrations
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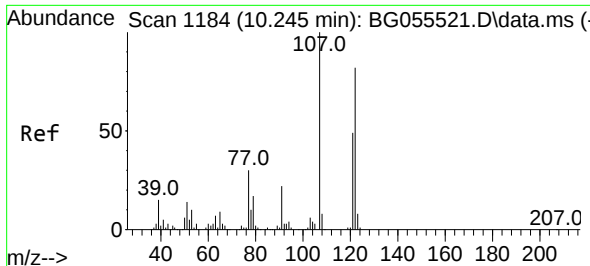
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#26
2-Nitrophenol
Concen: 66.436 ng
RT: 10.187 min Scan# 1174
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Tgt Ion:139 Resp: 69043
Ion Ratio Lower Upper
139 100
109 32.4 21.5 32.3#
65 55.0 39.6 59.4





#27

2,4-Dimethylphenol

Concen: 51.990 ng

RT: 10.234 min Scan# 1184

Delta R.T. -0.001 min

Lab File: BG055622.D

Acq: 15 Nov 2022 14:47

Instrument :

BNA_G

ClientSampleId :

PB148852BS

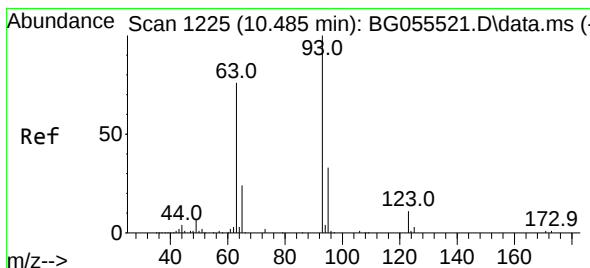
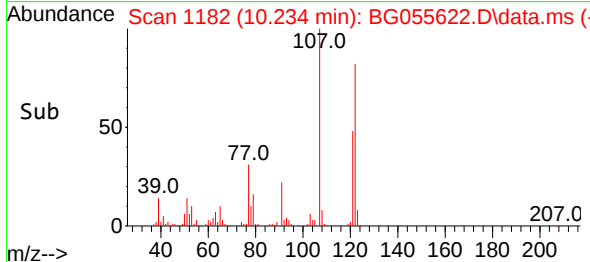
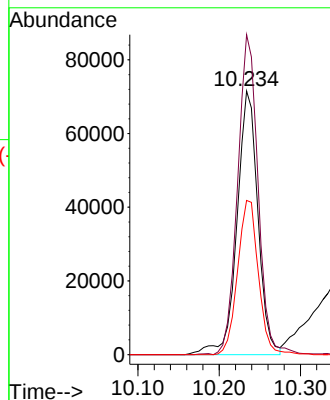
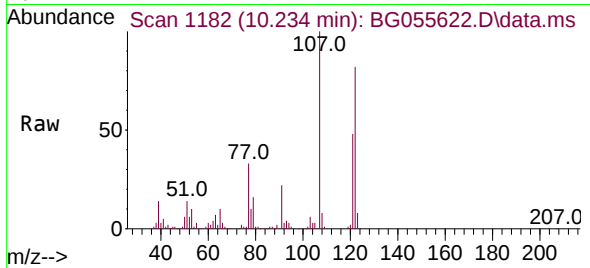
Tgt Ion:122 Resp: 127790
 Ion Ratio Lower Upper
 122 100
 107 121.4 97.8 146.6
 121 58.4 47.9 71.9

Manual Integrations

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Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#28

bis(2-Chloroethoxy)methane

Concen: 41.768 ng

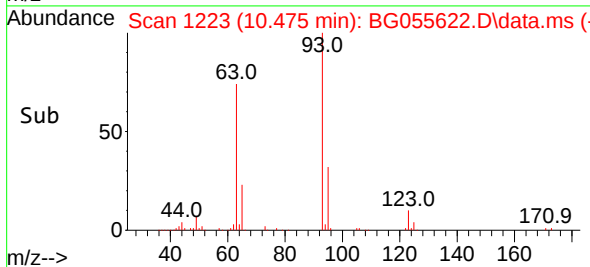
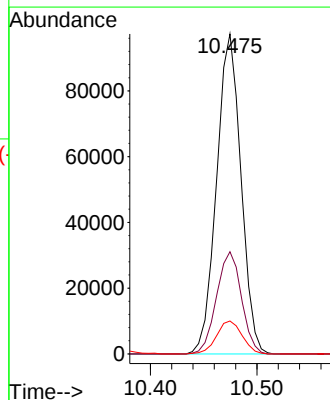
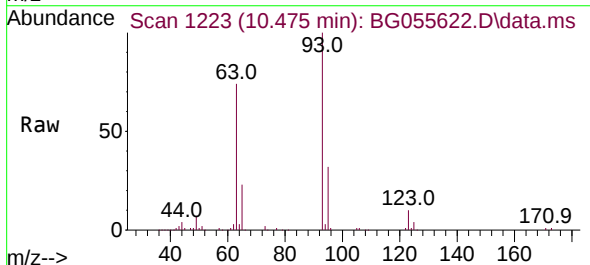
RT: 10.475 min Scan# 1223

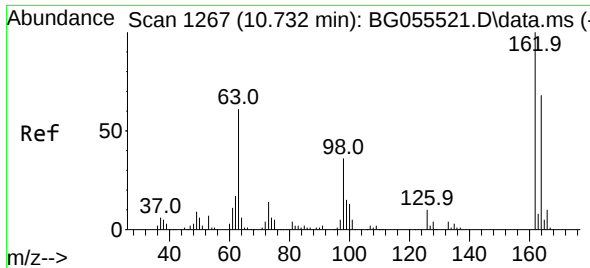
Delta R.T. -0.001 min

Lab File: BG055622.D

Acq: 15 Nov 2022 14:47

Tgt Ion: 93 Resp: 154819
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.2 39.4
 123 10.3 9.0 13.4





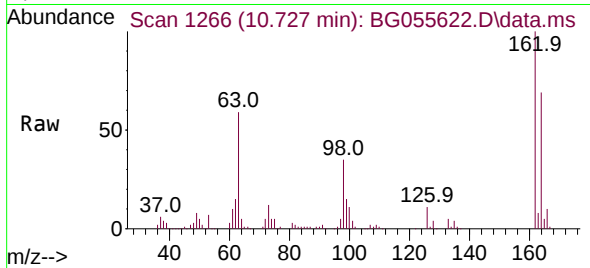
#29
2,4-Dichlorophenol
Concen: 48.948 ng
RT: 10.727 min Scan# 1266
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Instrument :

BNA_G

ClientSampleId :

PB148852BS

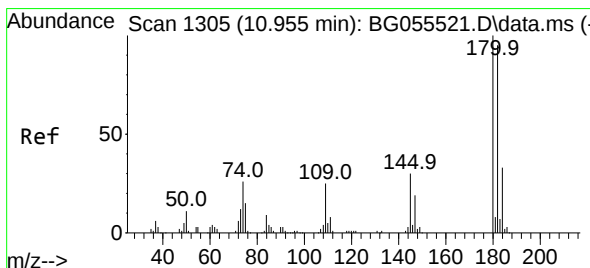
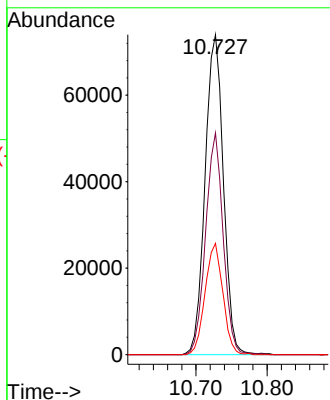
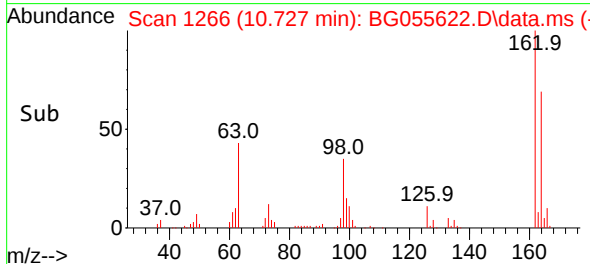


Tgt Ion:162 Resp: 132218
Ion Ratio Lower Upper
162 100
164 69.3 48.3 88.3
98 34.8 15.6 55.6

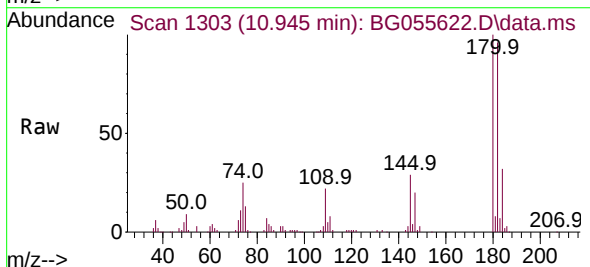
Manual Integrations

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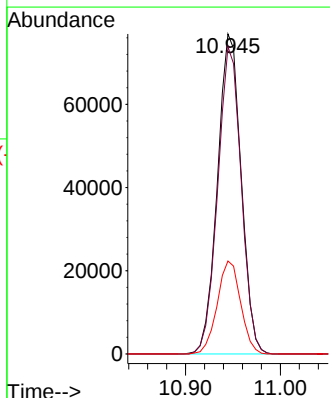
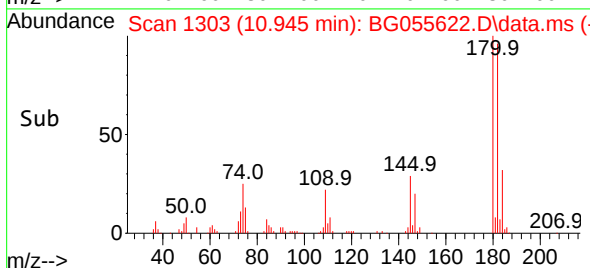
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

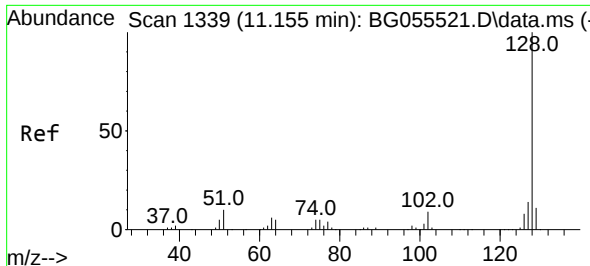


#30
1,2,4-Trichlorobenzene
Concen: 39.440 ng
RT: 10.945 min Scan# 1303
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47



Tgt Ion:180 Resp: 133448
Ion Ratio Lower Upper
180 100
182 96.0 75.9 113.9
145 29.0 23.8 35.6





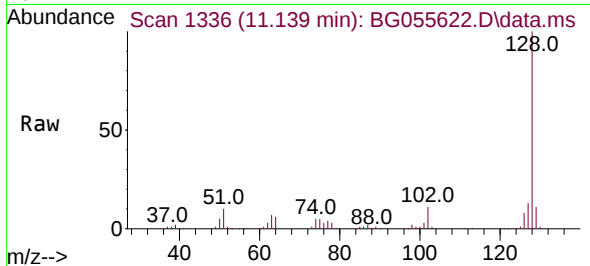
#31
Naphthalene
Concen: 37.938 ng
RT: 11.139 min Scan# 1339
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Instrument :

BNA_G

ClientSampleId :

PB148852BS

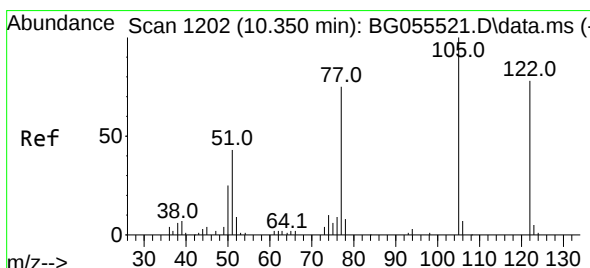
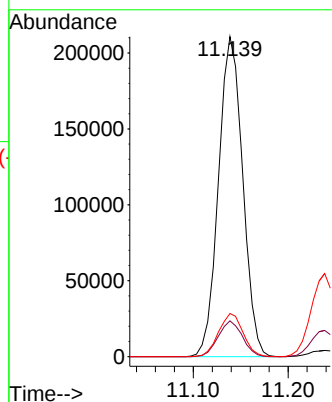
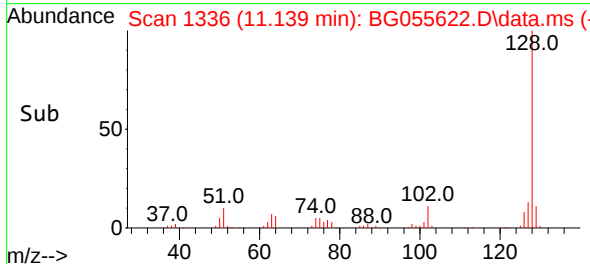


Tgt Ion:128 Resp: 374170
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.5 11.1 16.7

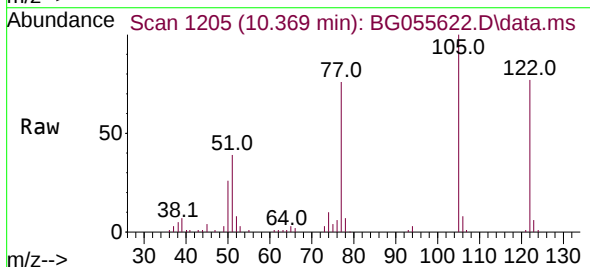
Manual Integrations

APPROVED

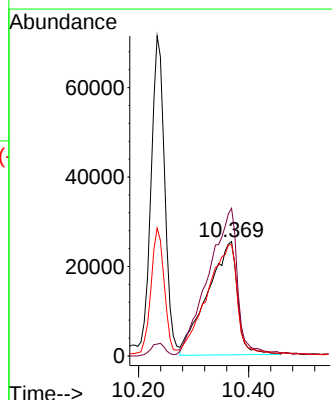
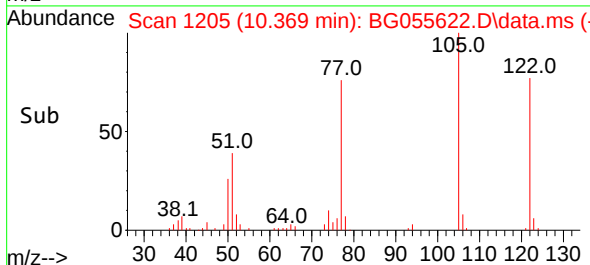
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

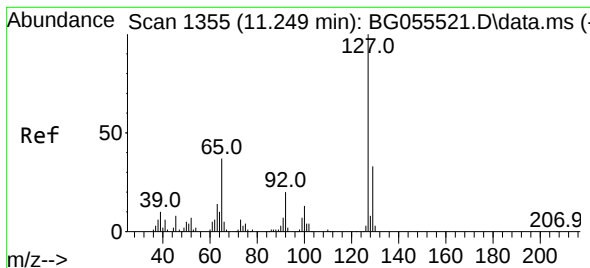


#32
Benzoic acid
Concen: 58.574 ng
RT: 10.369 min Scan# 1205
Delta R.T. 0.005 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47



Tgt Ion:122 Resp: 95960
Ion Ratio Lower Upper
122 100
105 129.1 101.2 141.2
77 97.5 74.4 114.4





#33
4-Chloroaniline
Concen: 24.465 ng
RT: 11.238 min Scan# 1353
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Instrument :

BNA_G

ClientSampleId :

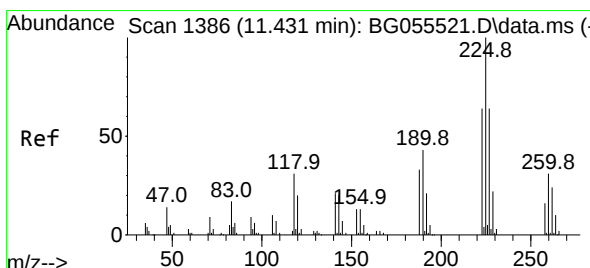
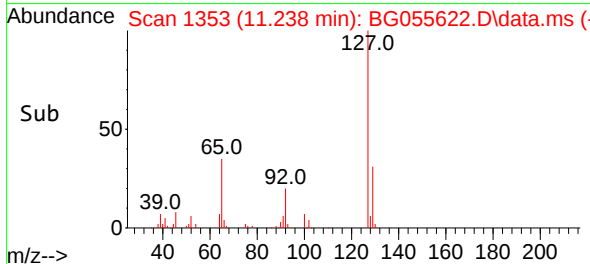
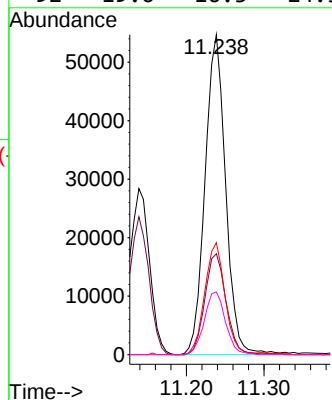
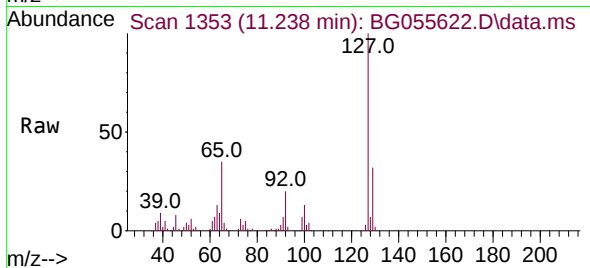
PB148852BS

Tgt Ion:127	Resp: 10085
Ion Ratio	Lower Upper
127 100	
129 31.5	26.5 39.7
65 35.0	29.3 43.9
92 19.6	16.3 24.5

Manual Integrations

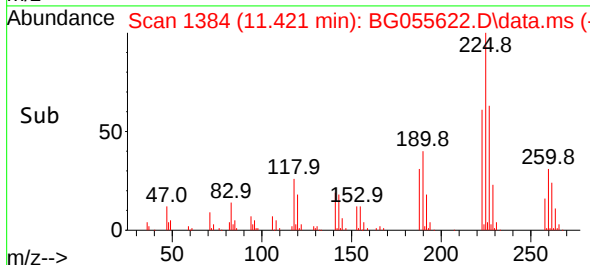
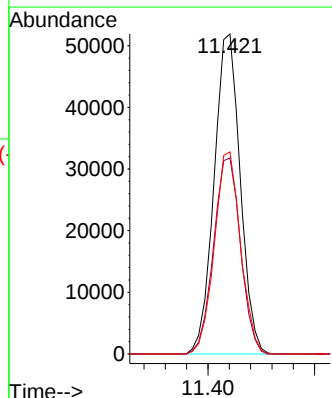
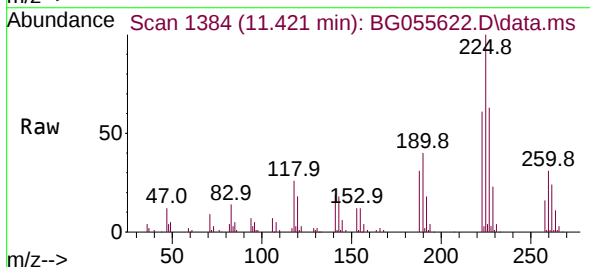
APPROVED

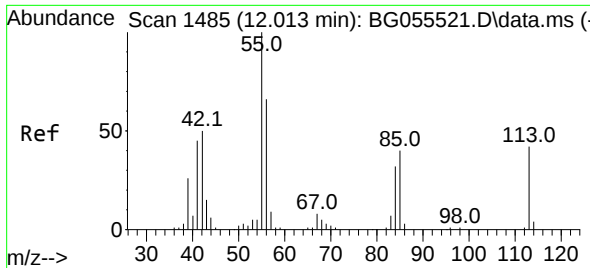
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#34
Hexachlorobutadiene
Concen: 39.171 ng
RT: 11.421 min Scan# 1384
Delta R.T. 0.005 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Tgt Ion:225	Resp: 88395
Ion Ratio	Lower Upper
225 100	
223 61.2	51.5 77.3
227 63.1	51.6 77.4





#35
 Caprolactam
 Concen: 50.940 ng m
 RT: 12.008 min Scan# 1485
 Delta R.T. -0.001 min
 Lab File: BG055622.D
 Acq: 15 Nov 2022 14:47

Instrument :

BNA_G

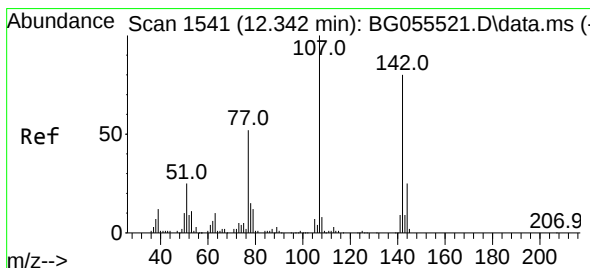
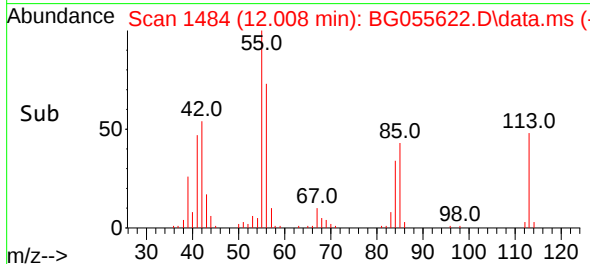
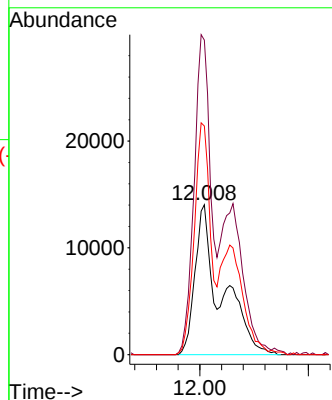
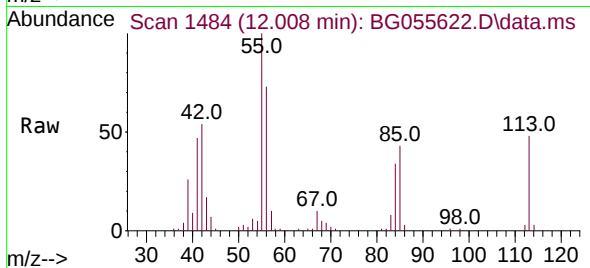
ClientSampleId :

PB148852BS

Tgt Ion:113 Resp: 46907
 Ion Ratio Lower Upper
 113 100
 55 209.8 215.6 255.6
 56 152.5 136.5 176.5

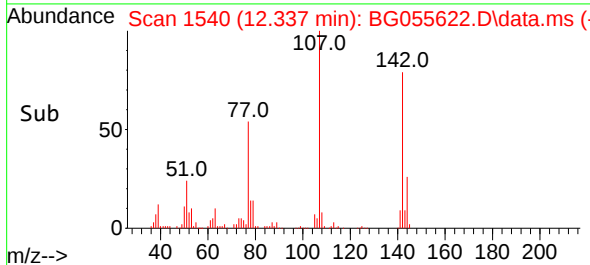
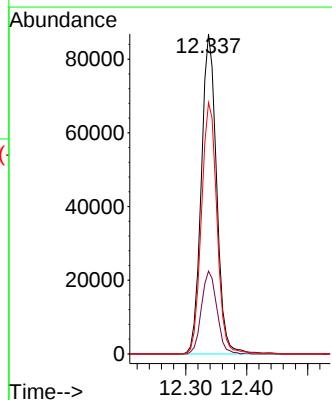
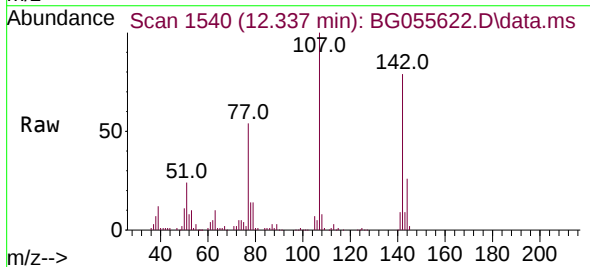
Manual Integrations
 APPROVED

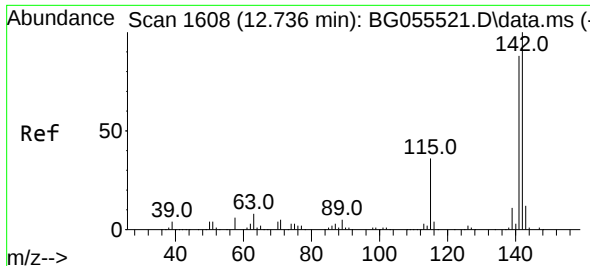
Reviewed By :Christian Giraldo 11/16/2022
 Supervised By :Jagrut Upadhyay 11/16/2022



#36
 4-Chloro-3-methylphenol
 Concen: 47.343 ng
 RT: 12.337 min Scan# 1540
 Delta R.T. -0.001 min
 Lab File: BG055622.D
 Acq: 15 Nov 2022 14:47

Tgt Ion:107 Resp: 150743
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.3 30.5
 142 78.5 64.1 96.1





#37
2-Methylnaphthalene
Concen: 38.828 ng
RT: 12.725 min Scan# 1606
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Instrument :

BNA_G

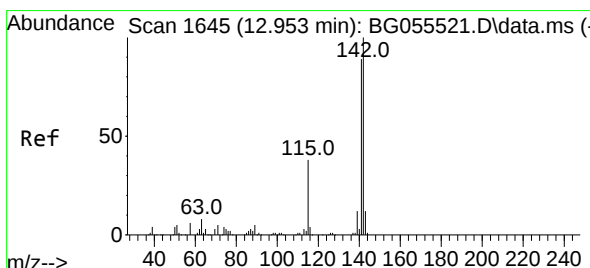
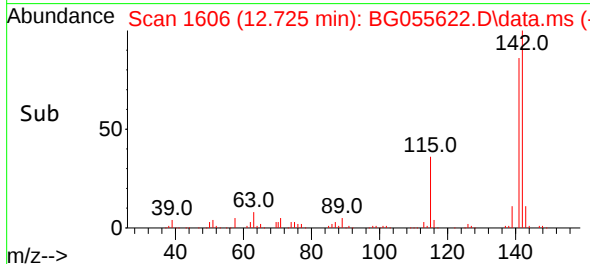
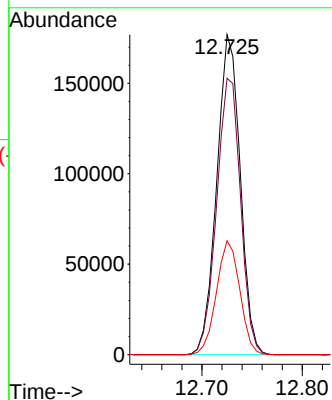
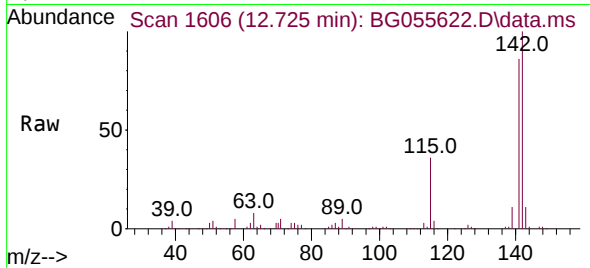
ClientSampleId :

PB148852BS

Tgt Ion:142 Resp: 28772
Ion Ratio Lower Upper
142 100
141 86.4 70.3 105.5
115 35.6 28.9 43.3

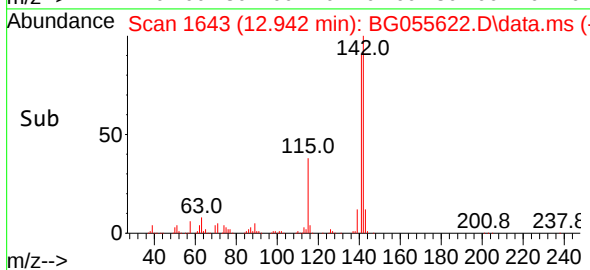
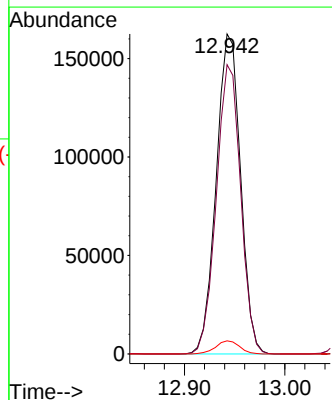
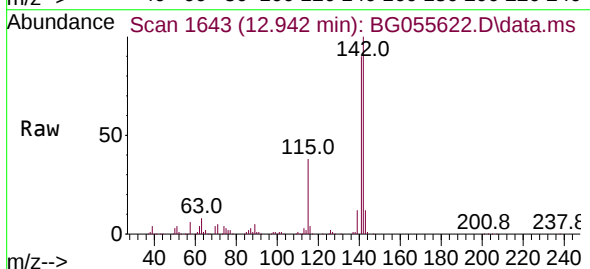
Manual Integrations
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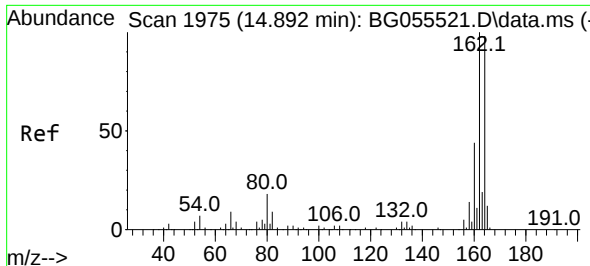
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#38
1-Methylnaphthalene
Concen: 37.756 ng
RT: 12.942 min Scan# 1643
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Tgt Ion:142 Resp: 273672
Ion Ratio Lower Upper
142 100
141 90.4 71.6 107.4
116 4.1 3.0 4.6





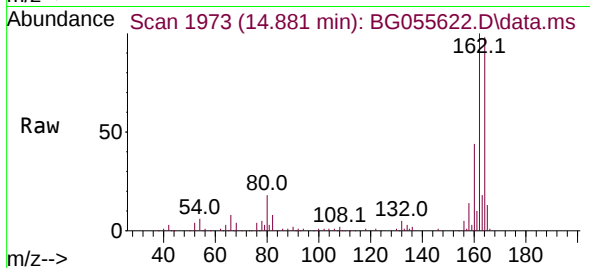
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.881 min Scan# 1975
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Instrument :

BNA_G

ClientSampleId :

PB148852BS

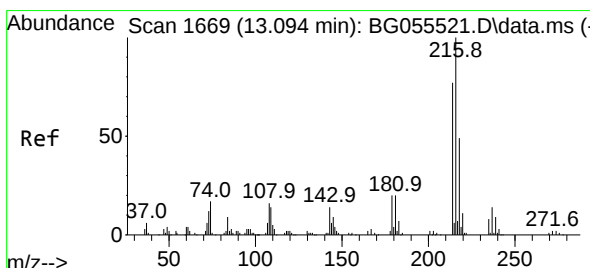
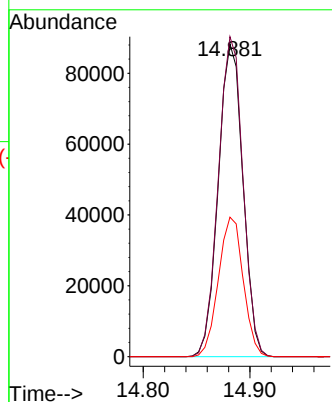
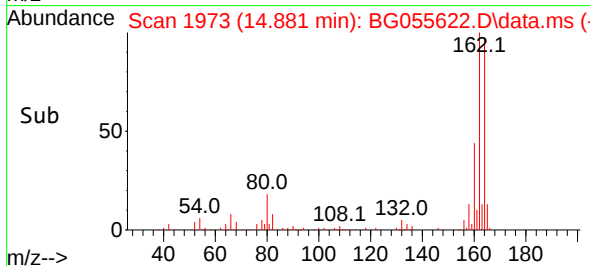


Tgt Ion:164 Resp: 141962
Ion Ratio Lower Upper
164 100
162 102.3 81.3 121.9
160 44.6 35.9 53.9

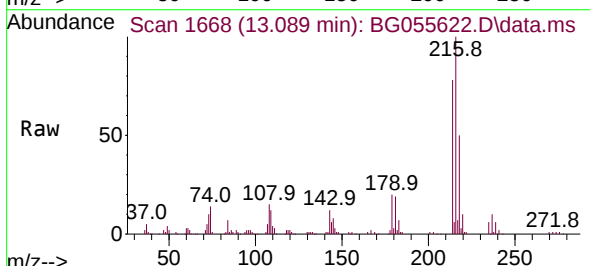
Manual Integrations

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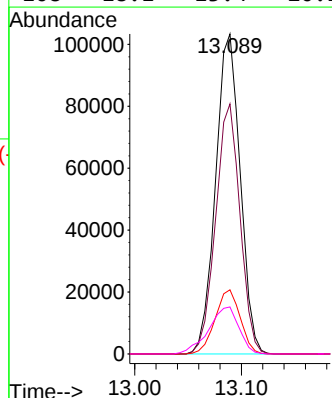
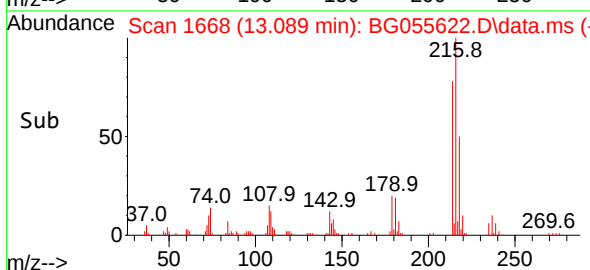
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

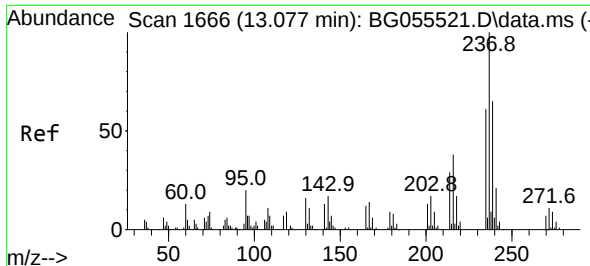


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.068 ng
RT: 13.089 min Scan# 1668
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47



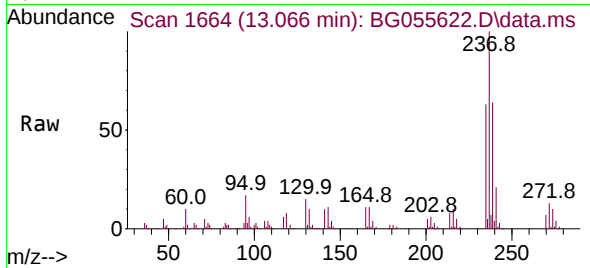
Tgt Ion:216 Resp: 165670
Ion Ratio Lower Upper
216 100
214 77.4 61.3 91.9
179 20.4 16.3 24.5
108 18.1 13.4 20.2





#41
Hexachlorocyclopentadiene
Concen: 116.337 ng
RT: 13.066 min Scan# 1666
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

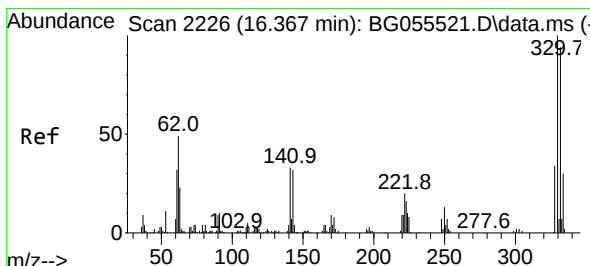
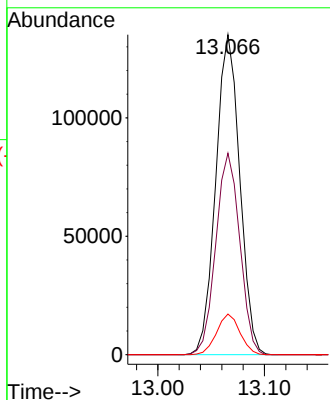
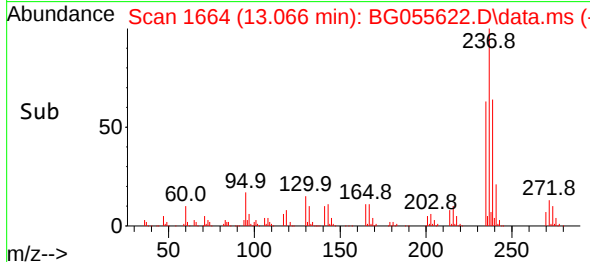
Instrument :
BNA_G
ClientSampleId :
PB148852BS



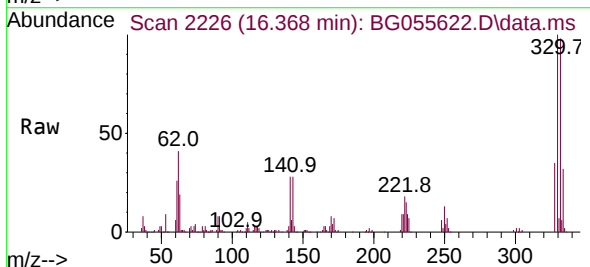
Tgt Ion: 237 Resp: 211199
Ion Ratio Lower Upper
237 100
235 62.9 40.6 80.6
272 12.7 0.0 31.4

Manual Integrations
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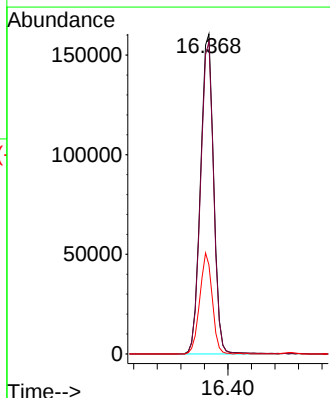
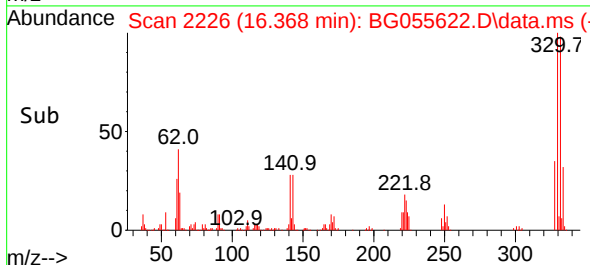
Reviewed By : Christian Giraldo 11/16/2022
Supervised By : Jagrut Upadhyay 11/16/2022

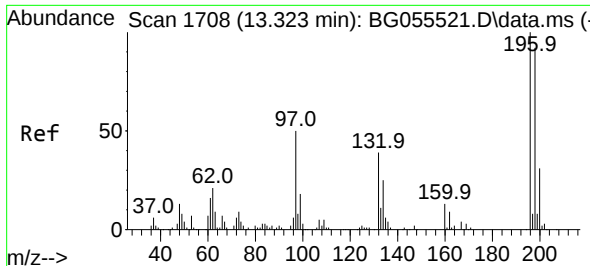


#42
2,4,6-Tribromophenol
Concen: 179.479 ng
RT: 16.368 min Scan# 2226
Delta R.T. 0.005 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47



Tgt Ion: 330 Resp: 248602
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.2
141 29.9 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 48.134 ng

RT: 13.318 min Scan# 1707

Delta R.T. -0.001 min

Lab File: BG055622.D

Acq: 15 Nov 2022 14:47

Instrument :

BNA_G

ClientSampleId :

PB148852BS

Tgt Ion:196 Resp: 120018

Ion Ratio Lower Upper

196 100

198 97.0 73.9 110.9

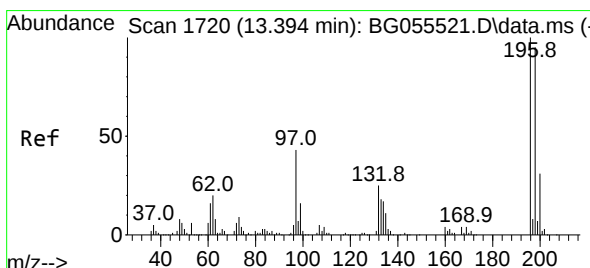
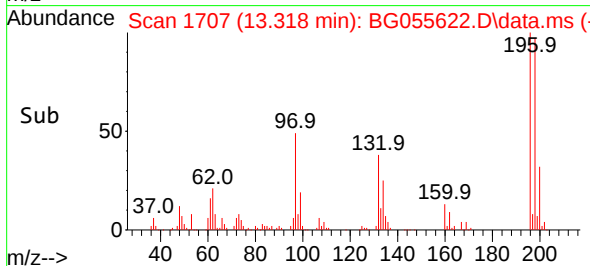
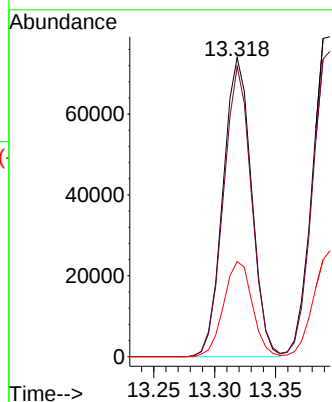
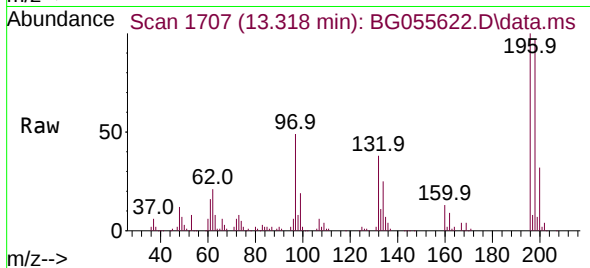
200 31.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#44

2,4,5-Trichlorophenol

Concen: 46.825 ng

RT: 13.395 min Scan# 1720

Delta R.T. 0.005 min

Lab File: BG055622.D

Acq: 15 Nov 2022 14:47

Tgt Ion:196 Resp: 133660

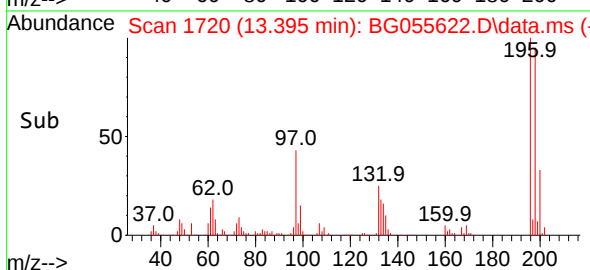
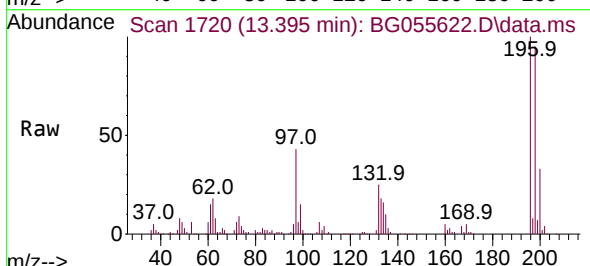
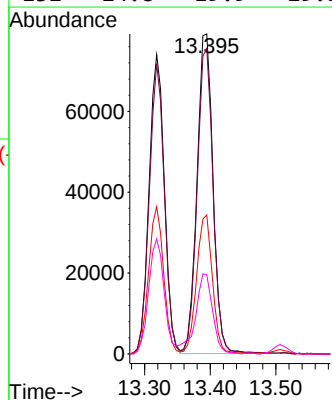
Ion Ratio Lower Upper

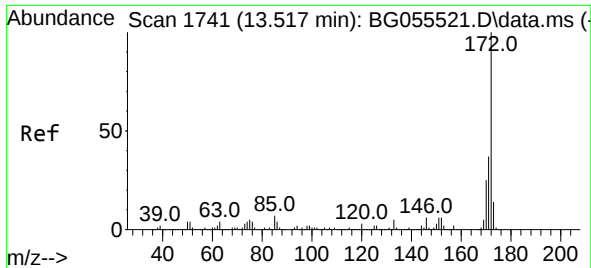
196 100

198 95.4 76.1 114.1

97 43.4 34.2 51.4

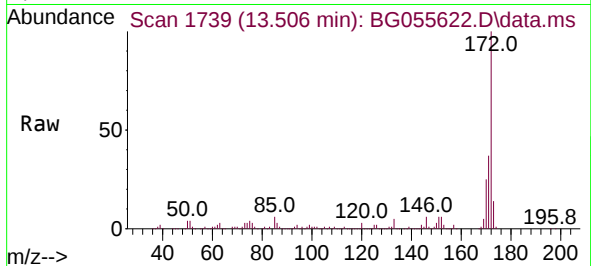
132 24.8 19.9 29.9





#45
2-Fluorobiphenyl
Concen: 72.227 ng
RT: 13.506 min Scan# 1739
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

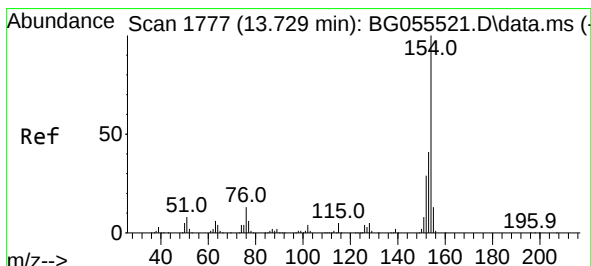
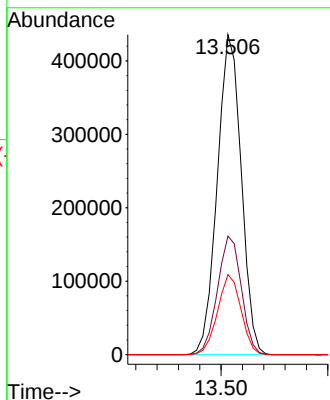
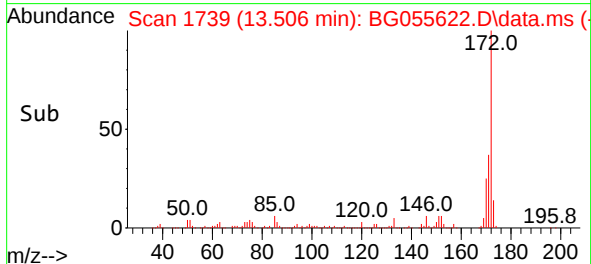
Instrument :
BNA_G
ClientSampleId :
PB148852BS



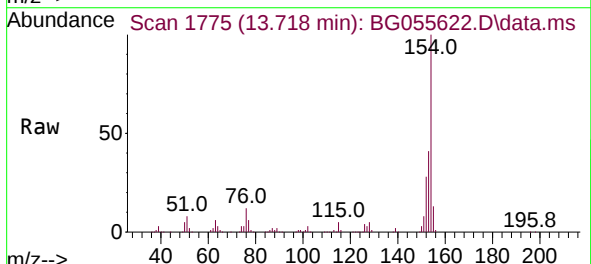
Tgt Ion:172 Resp: 679761
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 25.0 19.8 29.6

Manual Integrations
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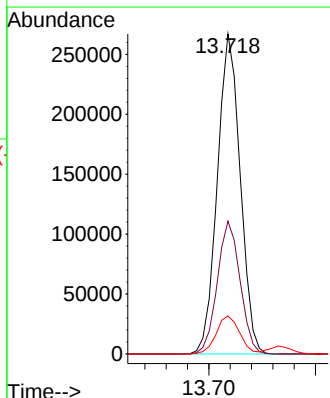
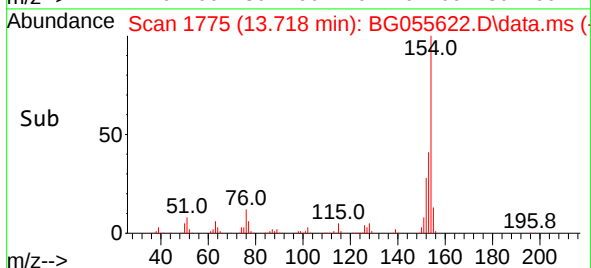
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

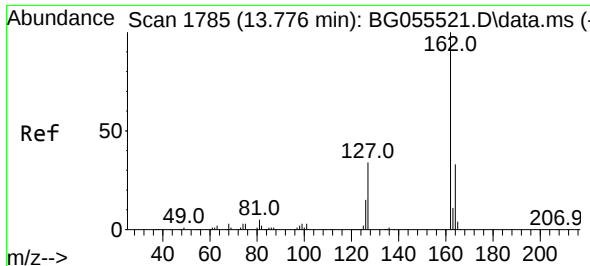


#46
1,1'-Biphenyl
Concen: 38.307 ng
RT: 13.718 min Scan# 1775
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47



Tgt Ion:154 Resp: 397844
Ion Ratio Lower Upper
154 100
153 41.5 20.9 60.9
76 11.9 0.0 32.7





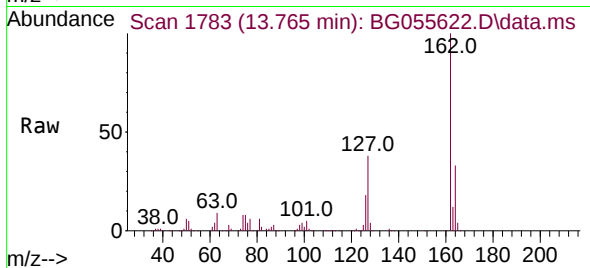
#47
2-Chloronaphthalene
Concen: 37.639 ng
RT: 13.765 min Scan# 1783
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Instrument :

BNA_G

ClientSampleId :

PB148852BS

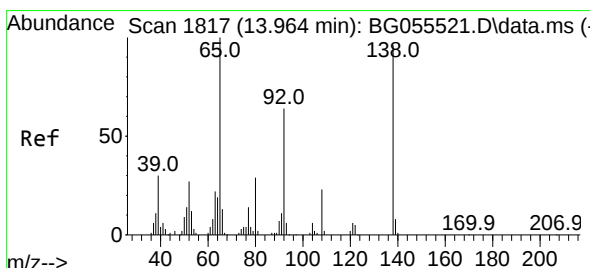
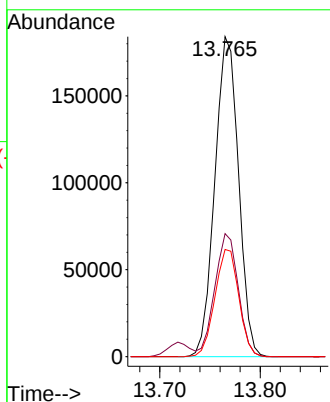
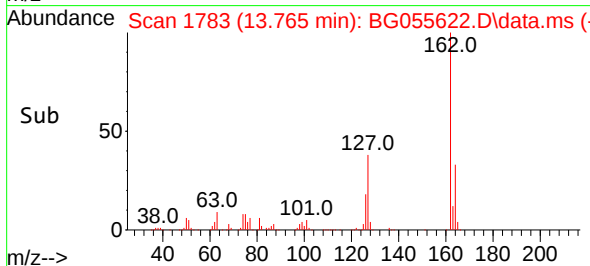


Tgt Ion:162 Resp: 301928
Ion Ratio Lower Upper
162 100
127 38.4 30.9 46.3
164 33.5 26.8 40.2

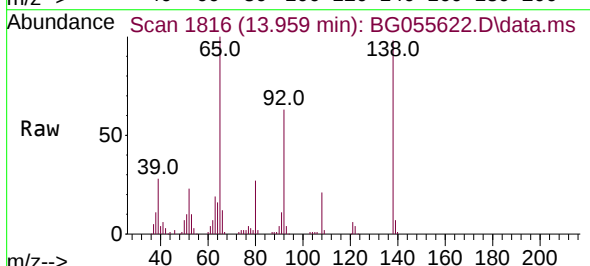
Manual Integrations

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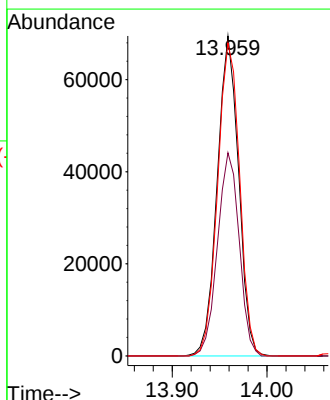
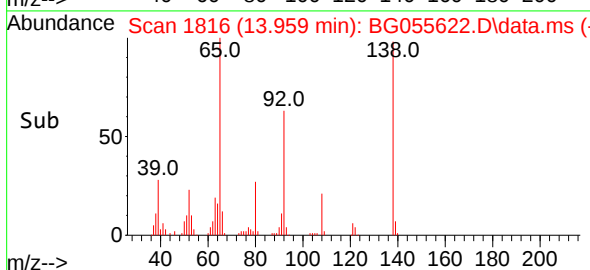
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

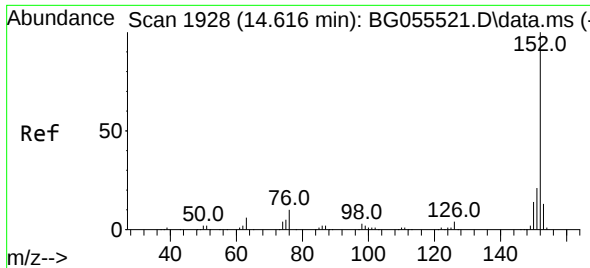


#48
2-Nitroaniline
Concen: 52.203 ng
RT: 13.959 min Scan# 1816
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47



Tgt Ion: 65 Resp: 108610
Ion Ratio Lower Upper
65 100
92 63.5 51.6 77.4
138 97.8 77.0 115.4





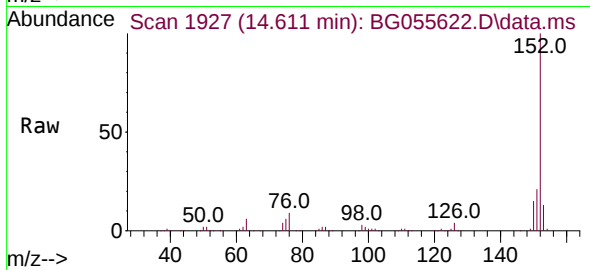
#49
Acenaphthylene
Concen: 38.246 ng
RT: 14.611 min Scan# 1927
Delta R.T. 0.005 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Instrument :

BNA_G

ClientSampleId :

PB148852BS

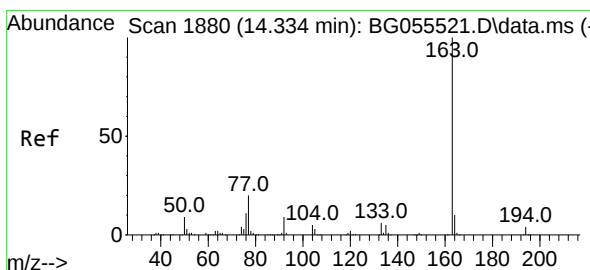
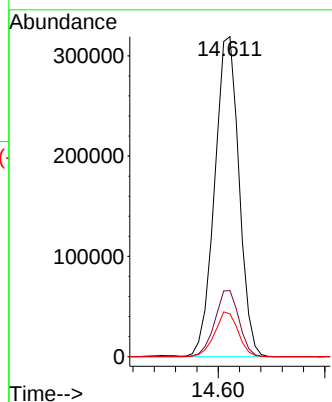
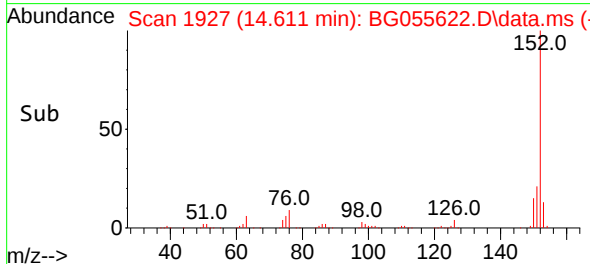


Tgt Ion:152 Resp: 507645
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.4 10.6 16.0

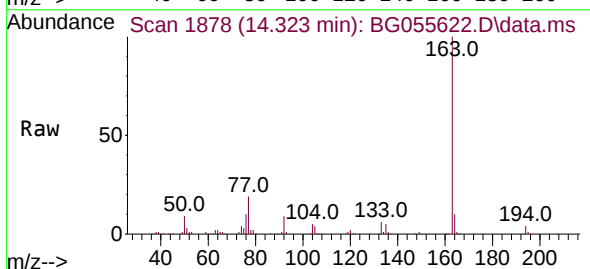
Manual Integrations

APPROVED

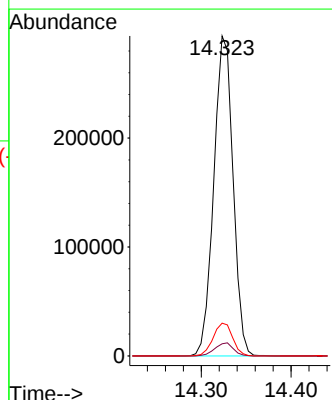
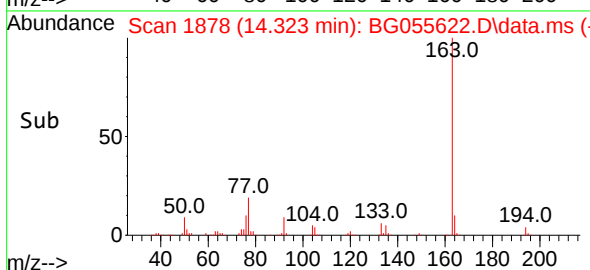
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

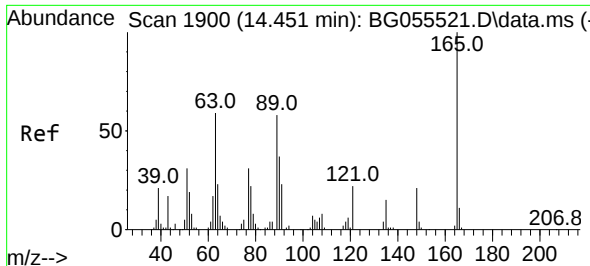


#50
Dimethylphthalate
Concen: 40.555 ng
RT: 14.323 min Scan# 1878
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47



Tgt Ion:163 Resp: 437476
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.2 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 49.035 ng
RT: 14.446 min Scan# 1899
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Instrument :

BNA_G

ClientSampleId :

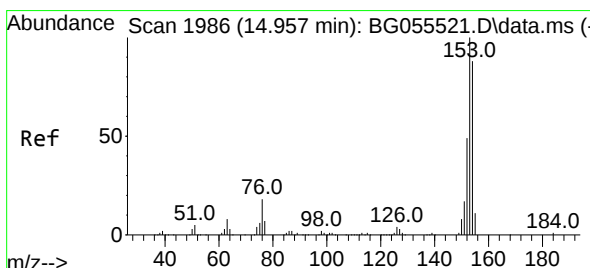
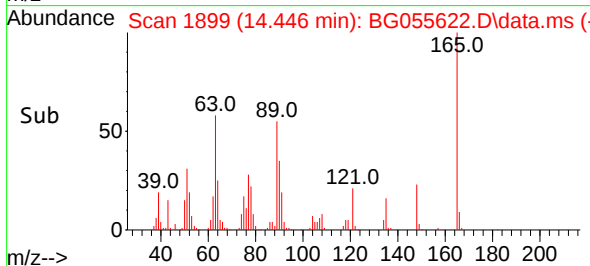
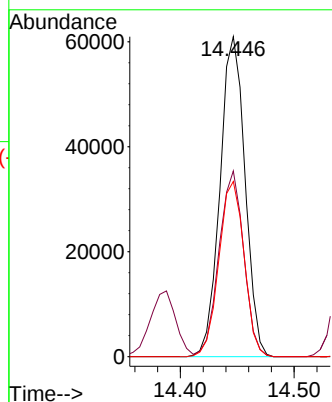
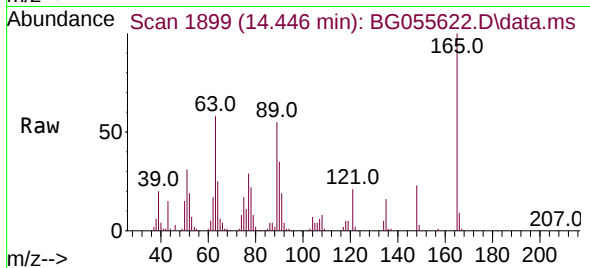
PB148852BS

Tgt Ion:165 Resp: 93119
Ion Ratio Lower Upper
165 100
63 58.0 50.1 75.1
89 54.7 46.5 69.7

Manual Integrations

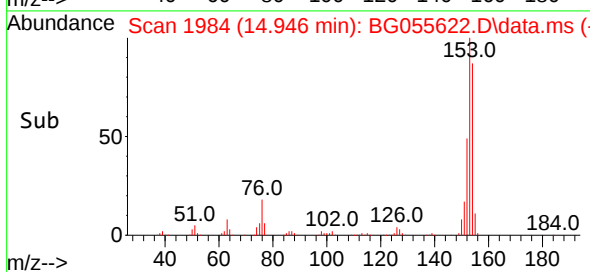
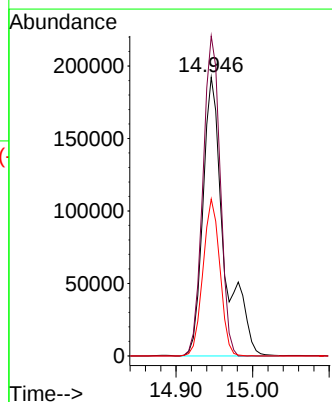
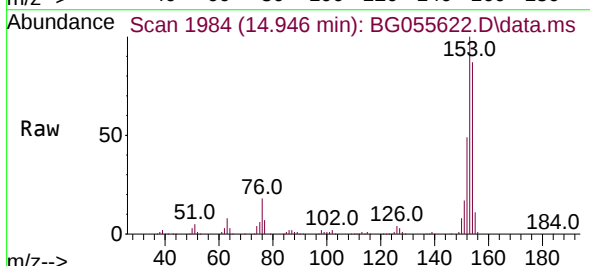
APPROVED

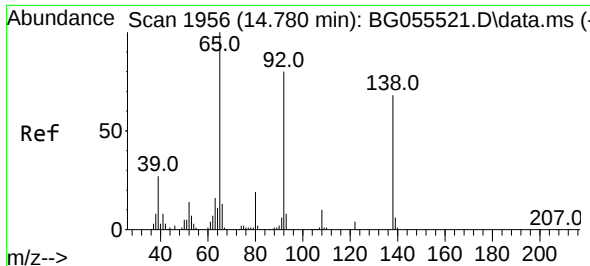
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#52
Acenaphthene
Concen: 44.747 ng m
RT: 14.946 min Scan# 1984
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Tgt Ion:154 Resp: 370788
Ion Ratio Lower Upper
154 100
153 114.8 91.4 137.0
152 56.3 44.5 66.7





#53
3-Nitroaniline
Concen: 34.696 ng
RT: 14.776 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Instrument :

BNA_G

ClientSampleId :

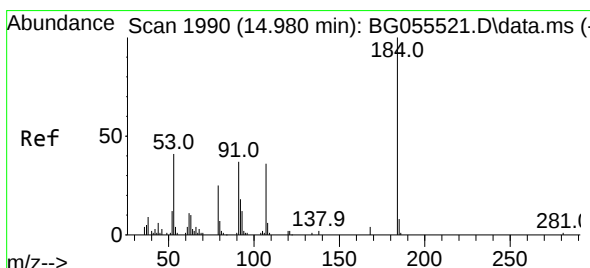
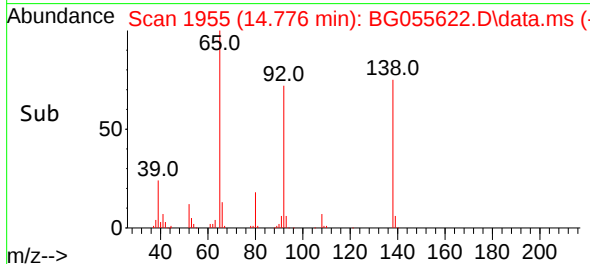
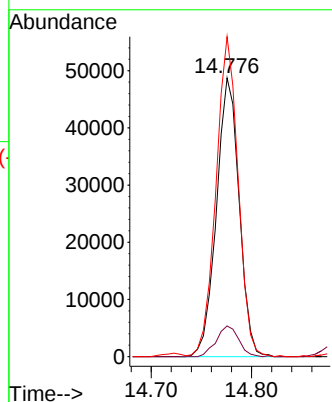
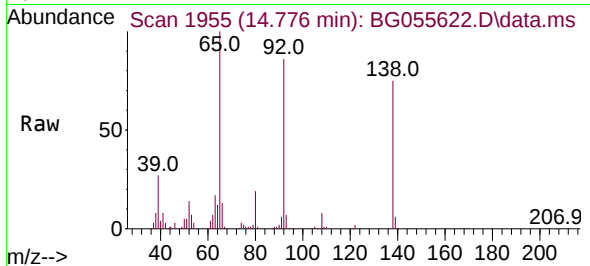
PB148852BS

Tgt Ion:138 Resp: 7662
Ion Ratio Lower Upper
138 100
108 11.0 11.7 17.5
92 114.8 94.3 141.5

Manual Integrations

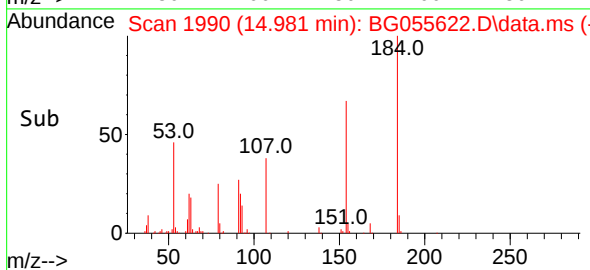
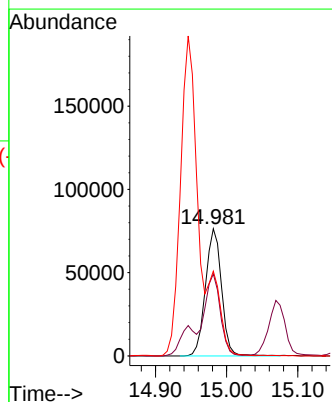
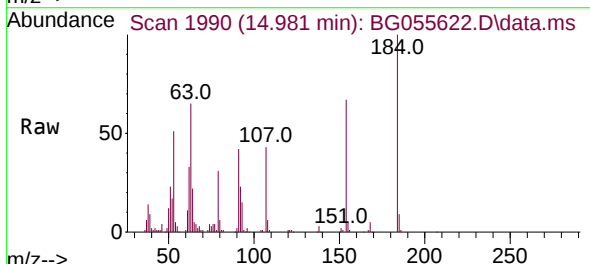
APPROVED

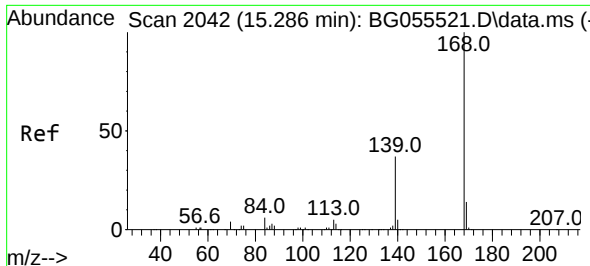
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#54
2,4-Dinitrophenol
Concen: 178.002 ng
RT: 14.981 min Scan# 1990
Delta R.T. 0.005 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Tgt Ion:184 Resp: 119388
Ion Ratio Lower Upper
184 100
63 64.5 43.8 65.8
154 66.7 77.2 115.8#





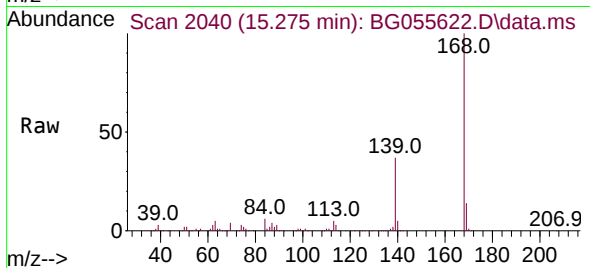
#55
Dibenzofuran
Concen: 38.427 ng
RT: 15.275 min Scan# 2042
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Instrument :

BNA_G

ClientSampleId :

PB148852BS

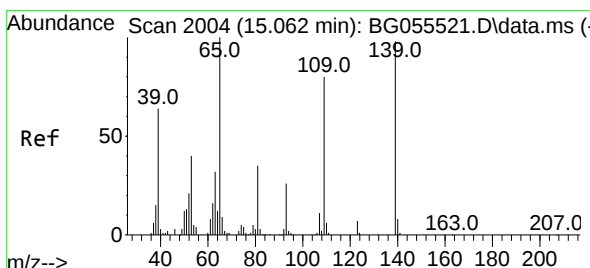
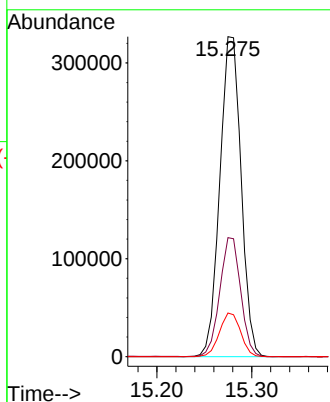
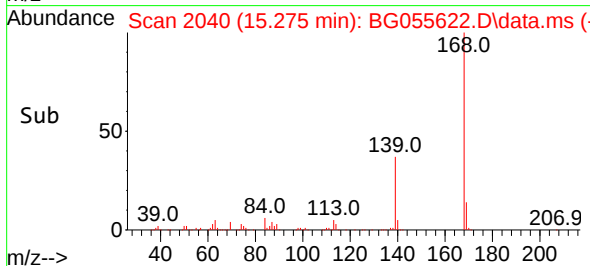


Tgt Ion:168 Resp: 509062
Ion Ratio Lower Upper
168 100
139 37.2 29.4 44.2
169 13.7 11.1 16.7

Manual Integrations

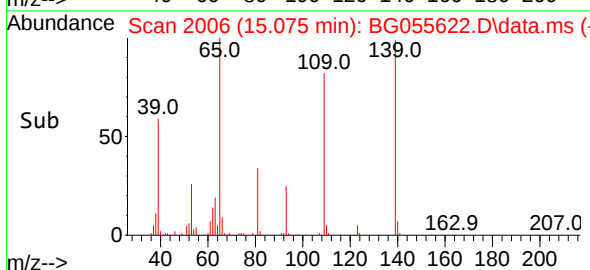
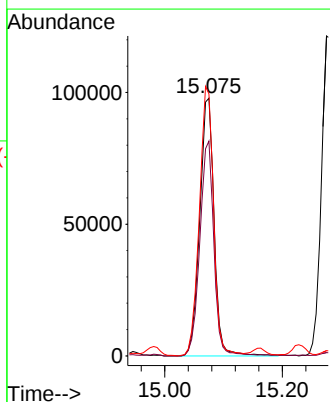
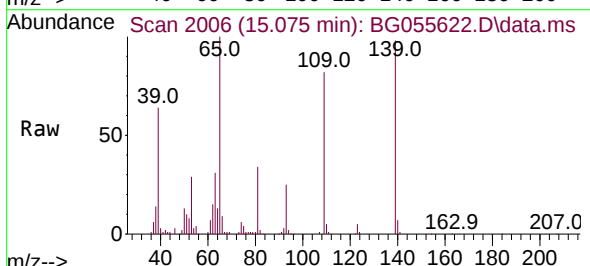
APPROVED

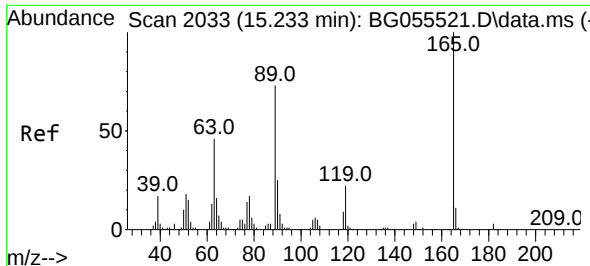
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#56
4-Nitrophenol
Concen: 103.820 ng
RT: 15.075 min Scan# 2006
Delta R.T. 0.011 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Tgt Ion:139 Resp: 165835
Ion Ratio Lower Upper
139 100
109 83.4 61.8 101.8
65 101.7 82.9 122.9





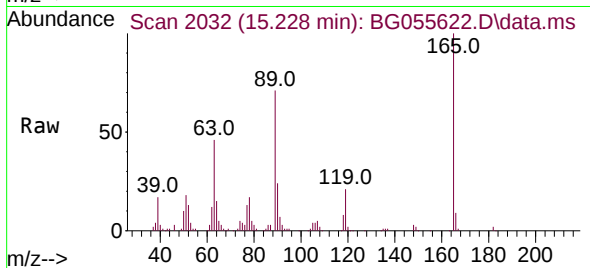
#57
2,4-Dinitrotoluene
Concen: 53.194 ng
RT: 15.228 min Scan# 2033
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Instrument :

BNA_G

ClientSampleId :

PB148852BS

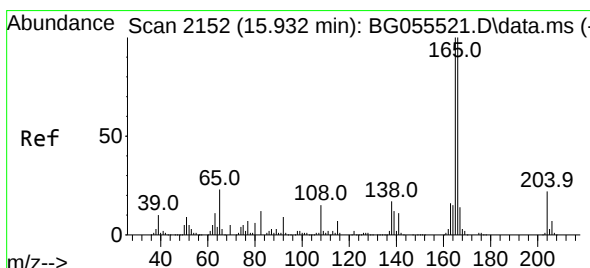
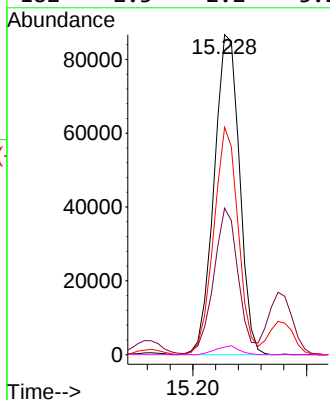
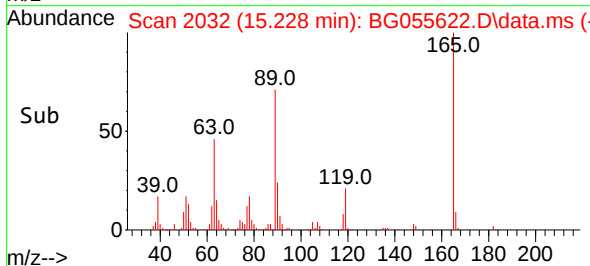


Tgt Ion:165 Resp: 134299
Ion Ratio Lower Upper
165 100
63 45.8 37.0 55.4
89 71.0 58.6 87.8
182 2.3 2.2 3.2

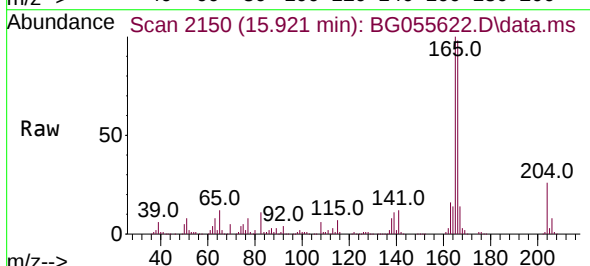
Manual Integrations

APPROVED

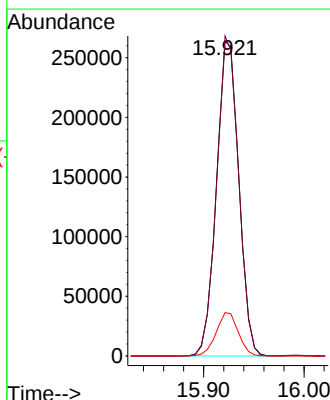
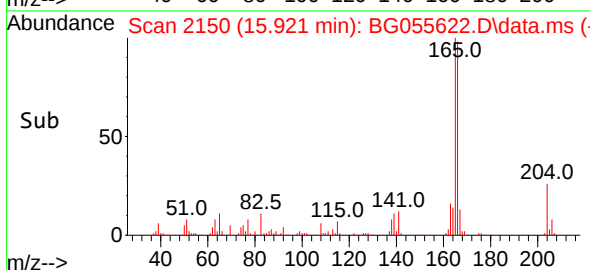
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

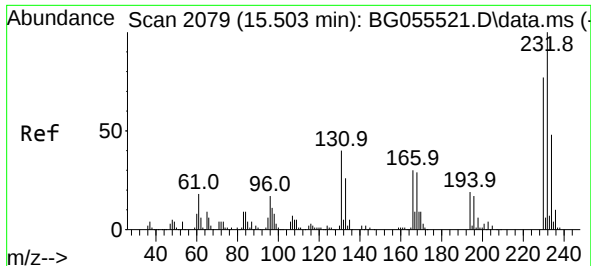


#58
Fluorene
Concen: 38.767 ng
RT: 15.921 min Scan# 2150
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47



Tgt Ion:166 Resp: 408579
Ion Ratio Lower Upper
166 100
165 101.7 80.2 120.2
167 13.7 11.2 16.8





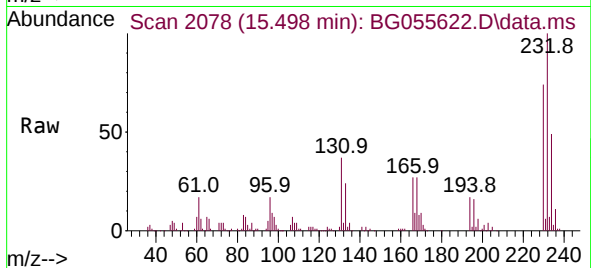
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.597 ng
RT: 15.498 min Scan# 2079
Delta R.T. 0.005 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Instrument :

BNA_G

ClientSampleId :

PB148852BS

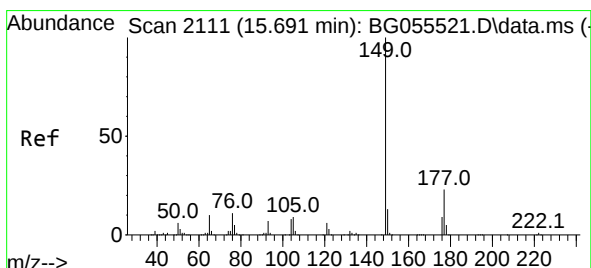
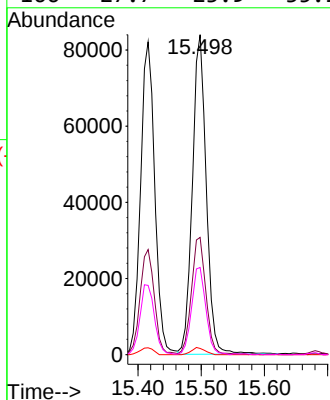
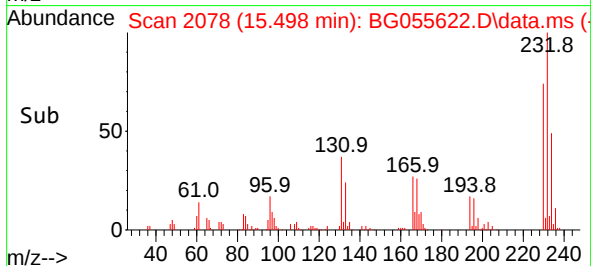


Tgt Ion:232 Resp: 128574
Ion Ratio Lower Upper
232 100
131 38.1 31.8 47.8
130 2.1 1.7 2.5
166 27.7 23.9 35.9

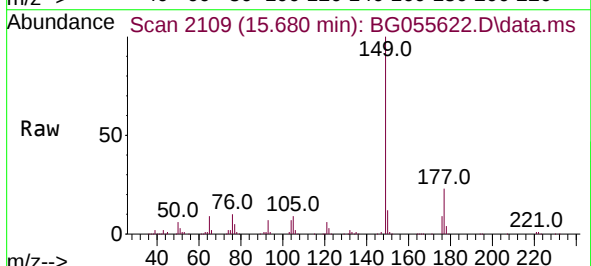
Manual Integrations

APPROVED

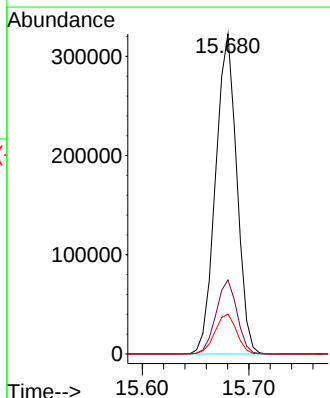
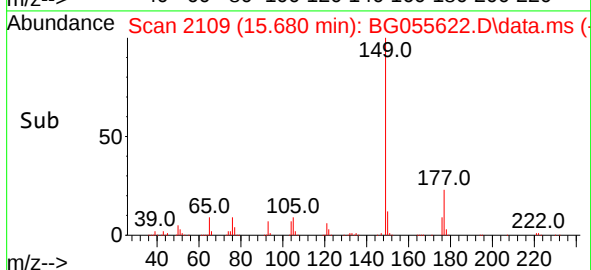
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

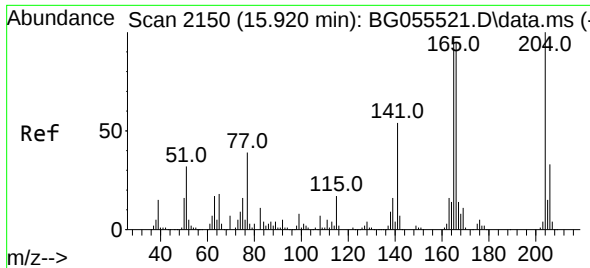


#60
Diethylphthalate
Concen: 40.686 ng
RT: 15.680 min Scan# 2109
Delta R.T. 0.005 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47



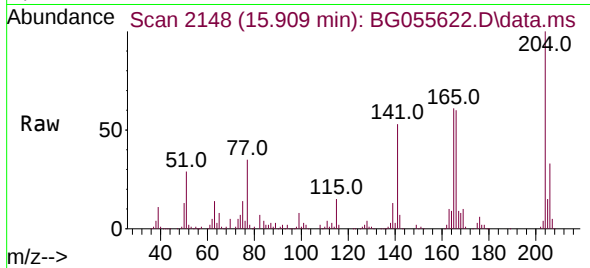
Tgt Ion:149 Resp: 446484
Ion Ratio Lower Upper
149 100
177 23.1 18.6 27.8
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.284 ng
RT: 15.909 min Scan# 2150
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

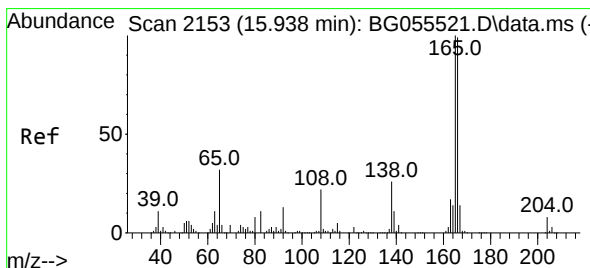
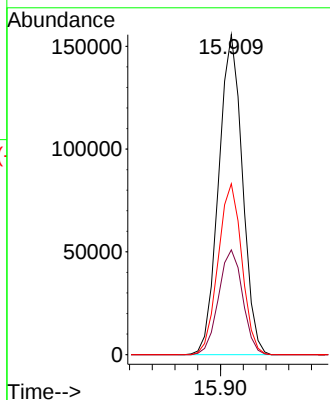
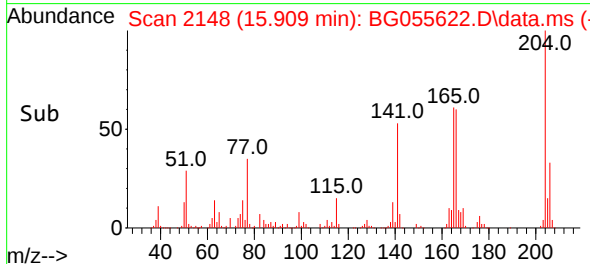
Instrument :
BNA_G
ClientSampleId :
PB148852BS



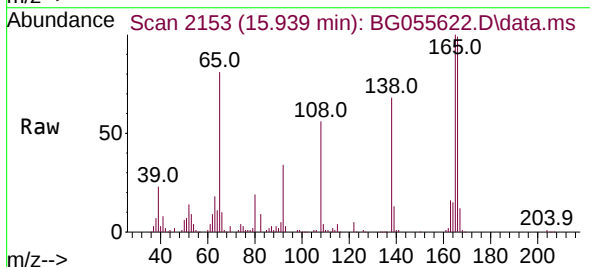
Tgt Ion:204 Resp: 225831
Ion Ratio Lower Upper
204 100
206 32.7 26.8 40.2
141 53.4 43.1 64.7

Manual Integrations
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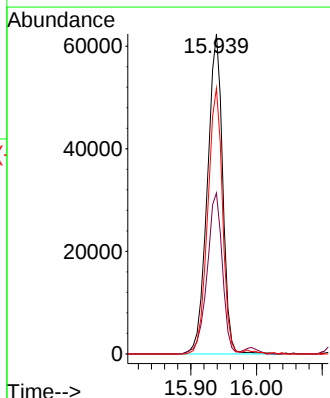
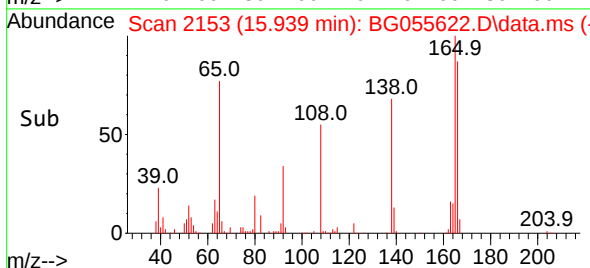
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

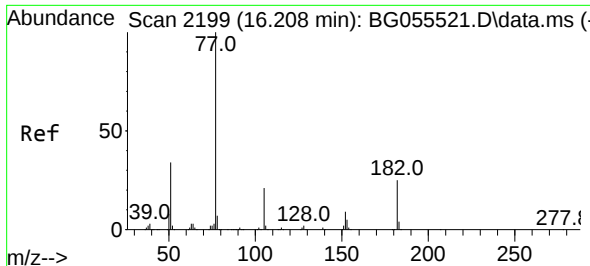


#62
4-Nitroaniline
Concen: 47.207 ng
RT: 15.939 min Scan# 2153
Delta R.T. 0.005 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47



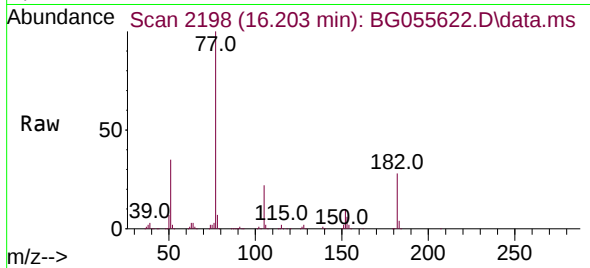
Tgt Ion:138 Resp: 100961
Ion Ratio Lower Upper
138 100
92 50.3 30.6 70.6
108 83.0 64.0 104.0





#63
Azobenzene
Concen: 36.525 ng
RT: 16.203 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

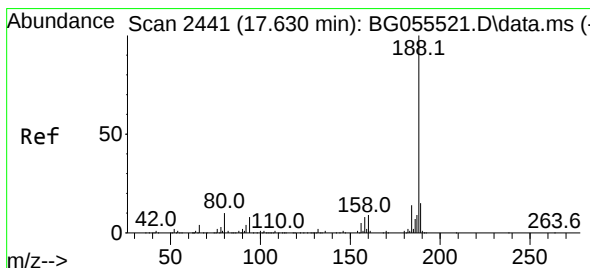
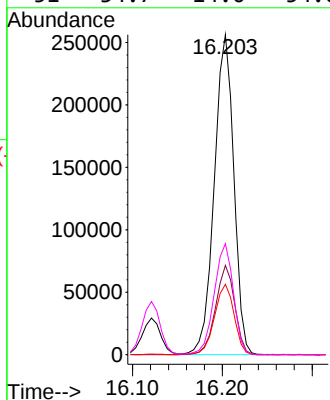
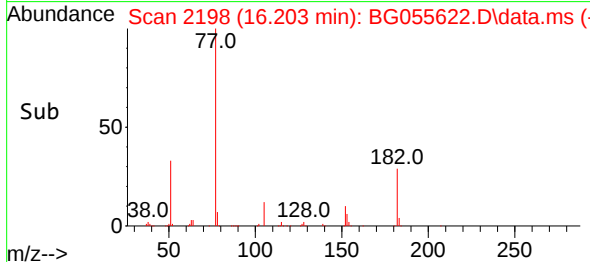
Instrument :
BNA_G
ClientSampleId :
PB148852BS



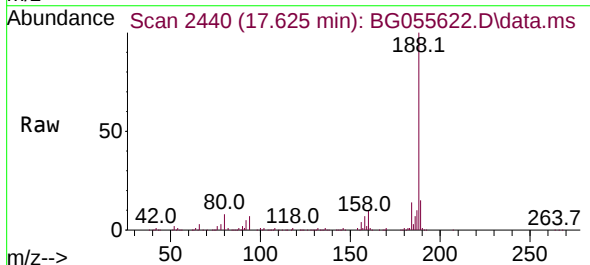
Tgt Ion: 77 Resp: 388521
Ion Ratio Lower Upper
77 100
182 27.9 4.6 44.6
105 22.0 1.2 41.2
51 34.7 14.0 54.0

Manual Integrations
APPROVED

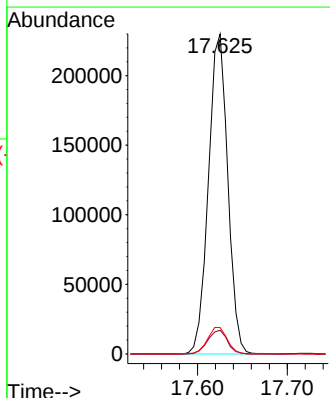
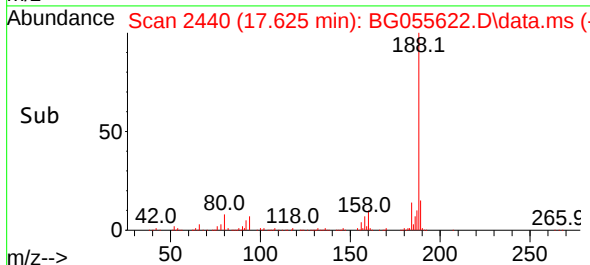
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

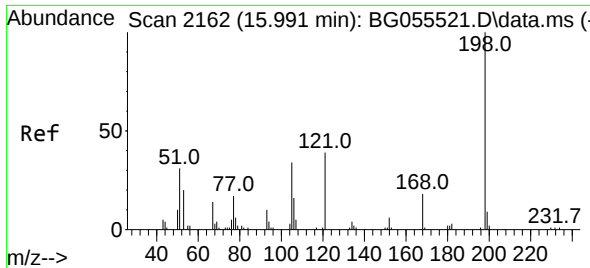


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.625 min Scan# 2440
Delta R.T. 0.005 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47



Tgt Ion:188 Resp: 343960
Ion Ratio Lower Upper
188 100
94 7.4 6.4 9.6
80 8.2 7.6 11.4





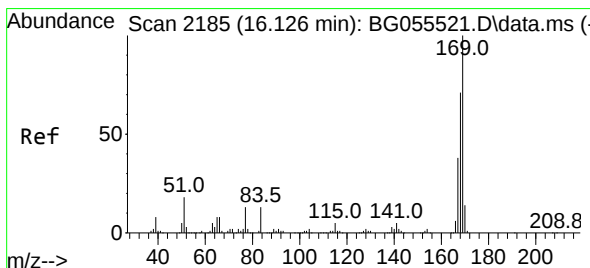
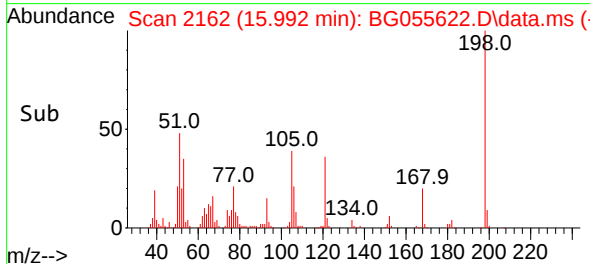
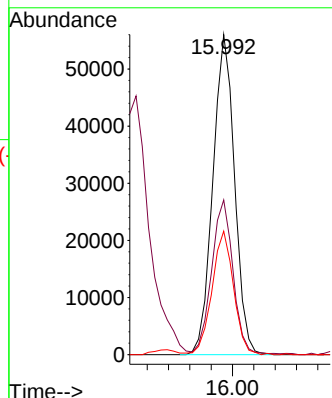
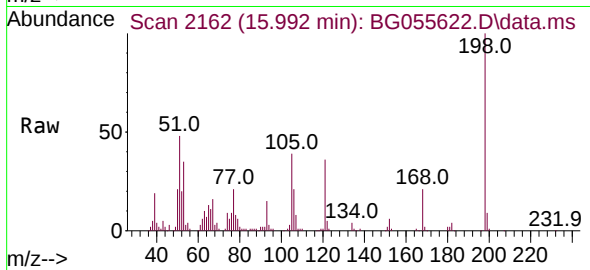
#65
4,6-Dinitro-2-methylphenol
Concen: 64.071 ng
RT: 15.992 min Scan# 2162
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Instrument :
BNA_G
ClientSampleId :
PB148852BS

Tgt Ion:198 Resp: 79189
Ion Ratio Lower Upper
198 100
51 48.3 24.7 64.7
105 38.6 17.6 57.6

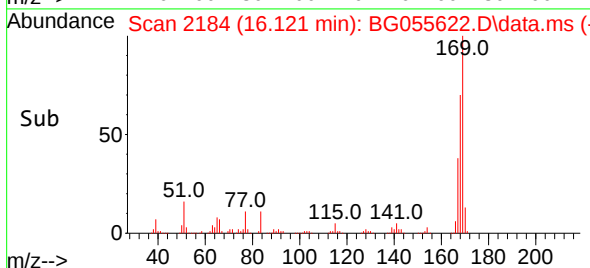
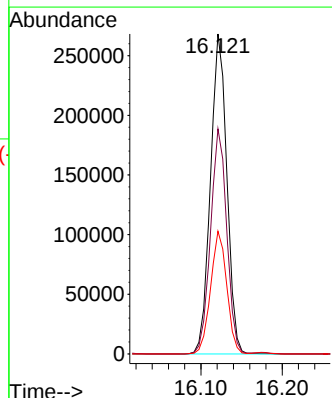
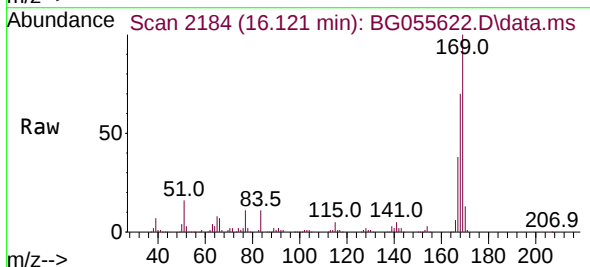
Manual Integrations
APPROVED

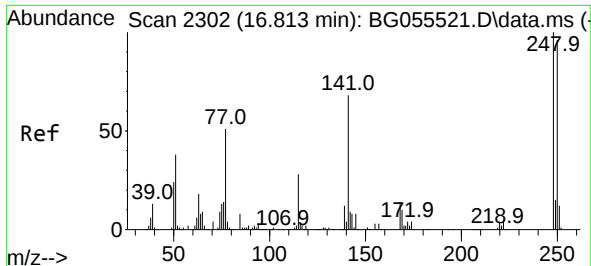
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#66
n-Nitrosodiphenylamine
Concen: 39.044 ng
RT: 16.121 min Scan# 2184
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Tgt Ion:169 Resp: 376219
Ion Ratio Lower Upper
169 100
168 70.3 57.0 85.4
167 38.3 30.2 45.2





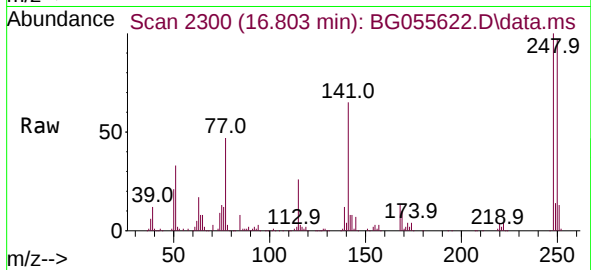
#67
4-Bromophenyl-phenylether
Concen: 43.725 ng
RT: 16.803 min Scan# 2300
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Instrument :

BNA_G

ClientSampleId :

PB148852BS

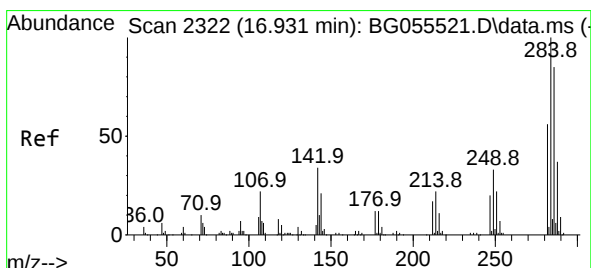
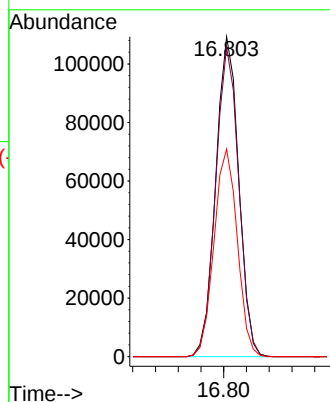
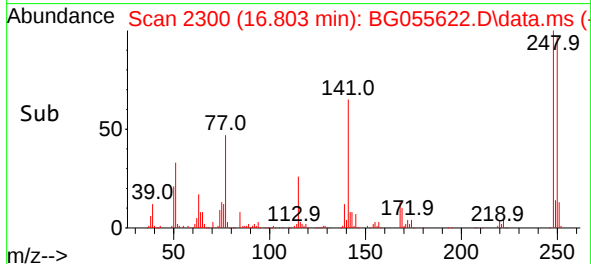


Tgt Ion:248 Resp: 153427
Ion Ratio Lower Upper
248 100
250 96.7 76.9 115.3
141 64.9 54.3 81.5

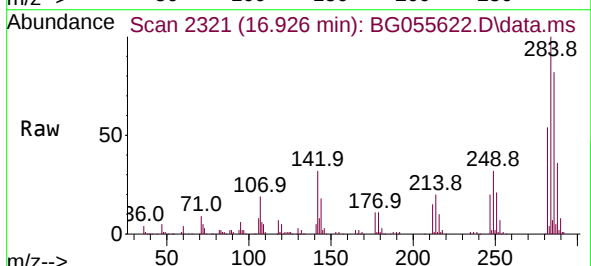
Manual Integrations

APPROVED

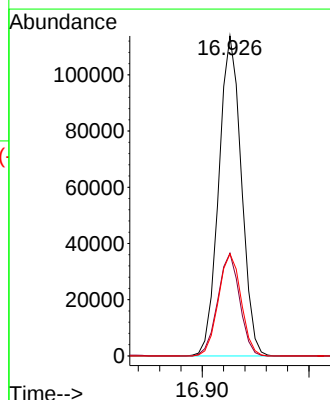
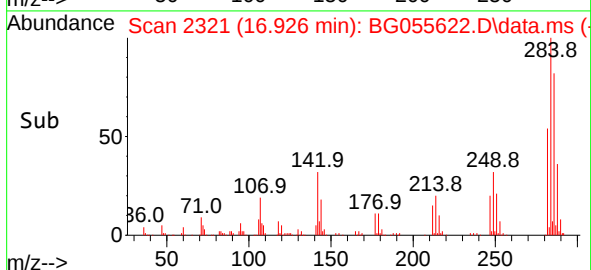
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

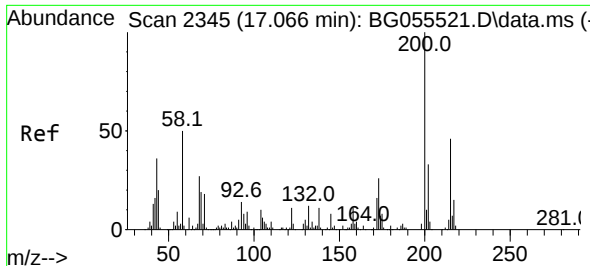


#68
Hexachlorobenzene
Concen: 40.201 ng
RT: 16.926 min Scan# 2321
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47



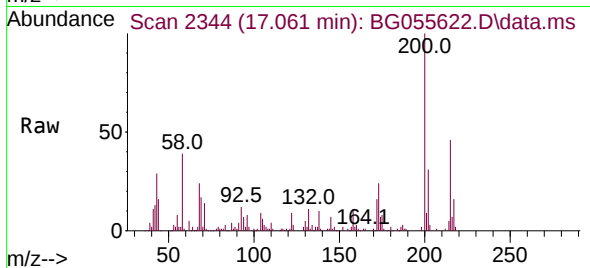
Tgt Ion:284 Resp: 167705
Ion Ratio Lower Upper
284 100
142 32.1 27.2 40.8
249 31.9 26.6 39.8





#69
 Atrazine
 Concen: 29.866 ng
 RT: 17.061 min Scan# 2344
 Delta R.T. 0.005 min
 Lab File: BG055622.D
 Acq: 15 Nov 2022 14:47

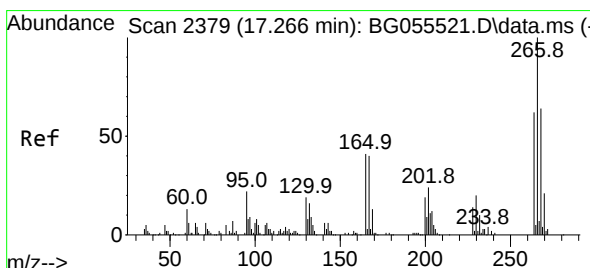
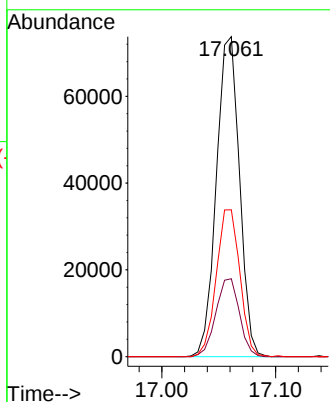
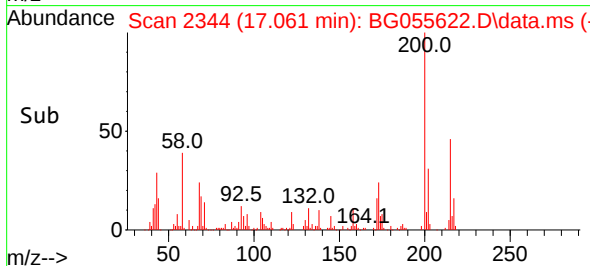
Instrument :
 BNA_G
 ClientSampleId :
 PB148852BS



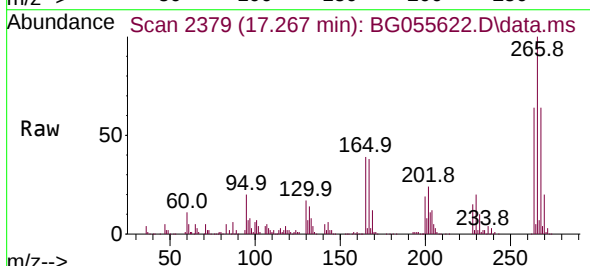
Tgt Ion:200 Resp: 104146
 Ion Ratio Lower Upper
 200 100
 173 24.3 6.3 46.3
 215 45.9 26.4 66.4

Manual Integrations
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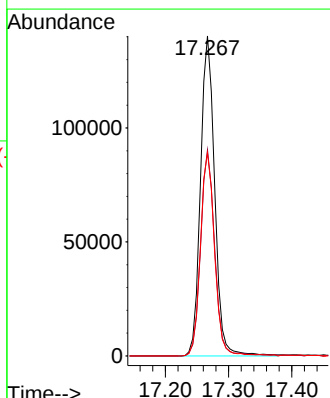
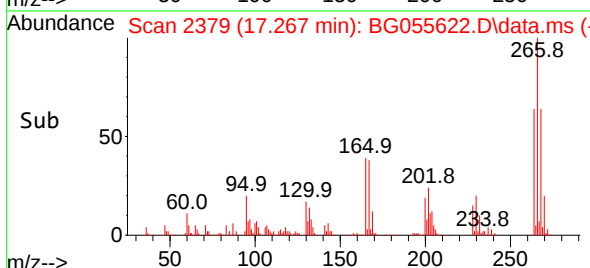
Reviewed By :Christian Giraldo 11/16/2022
 Supervised By :Jagrut Upadhyay 11/16/2022

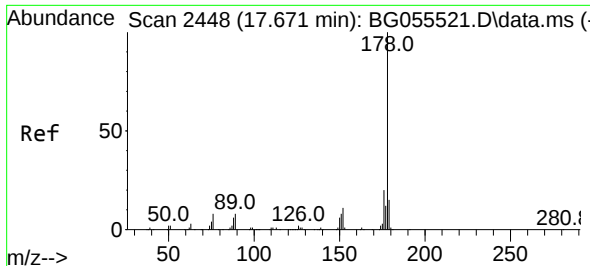


#70
 Pentachlorophenol
 Concen: 95.635 ng
 RT: 17.267 min Scan# 2379
 Delta R.T. -0.001 min
 Lab File: BG055622.D
 Acq: 15 Nov 2022 14:47



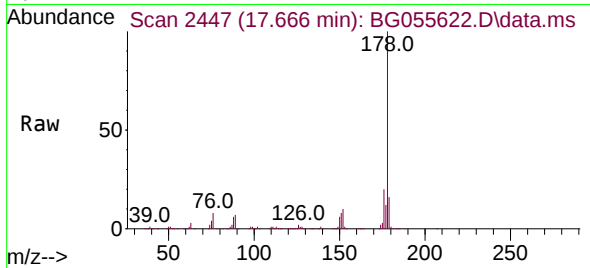
Tgt Ion:266 Resp: 218572
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.4 77.0
 264 63.5 49.5 74.3





#71
Phenanthrene
Concen: 37.909 ng
RT: 17.666 min Scan# 2448
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

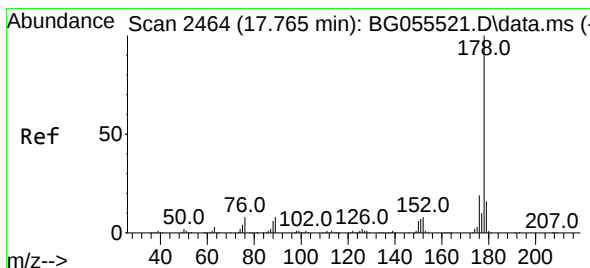
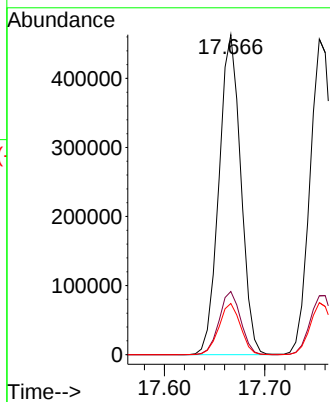
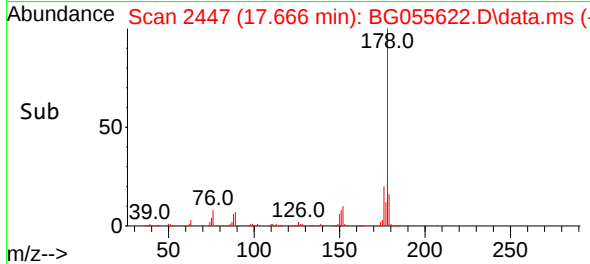
Instrument :
BNA_G
ClientSampleId :
PB148852BS



Tgt Ion:178 Resp: 700771
Ion Ratio Lower Upper
178 100
176 19.7 16.1 24.1
179 16.0 12.2 18.4

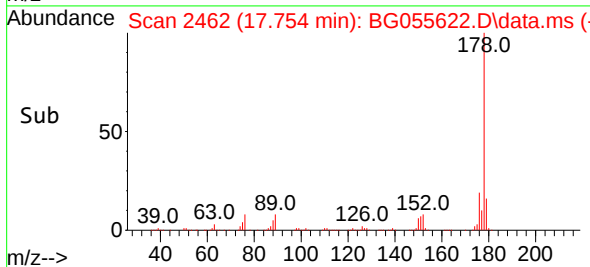
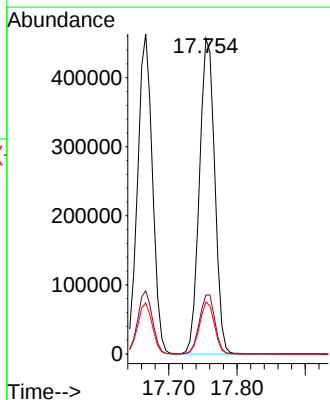
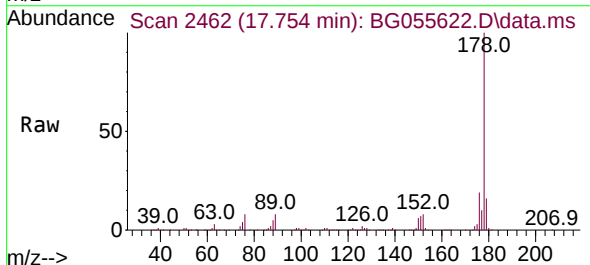
Manual Integrations
APPROVED

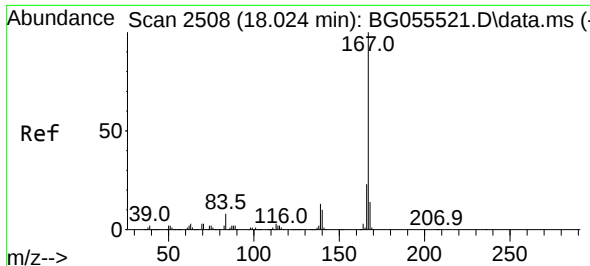
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#72
Anthracene
Concen: 39.315 ng
RT: 17.754 min Scan# 2462
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

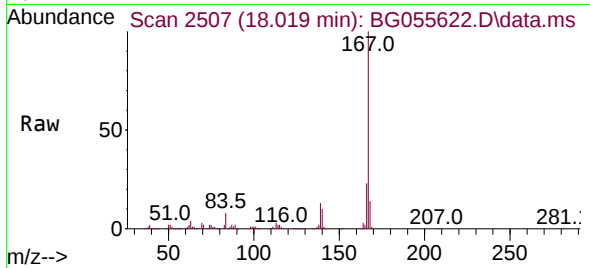
Tgt Ion:178 Resp: 712236
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 16.4 13.0 19.4





#73
Carbazole
Concen: 38.605 ng
RT: 18.019 min Scan# 2507
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

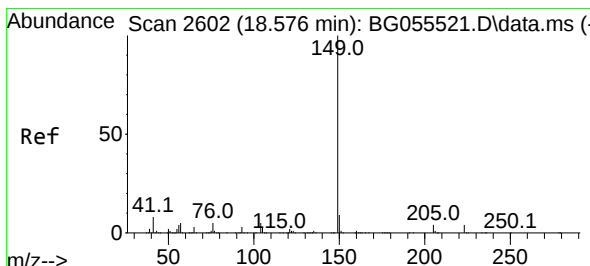
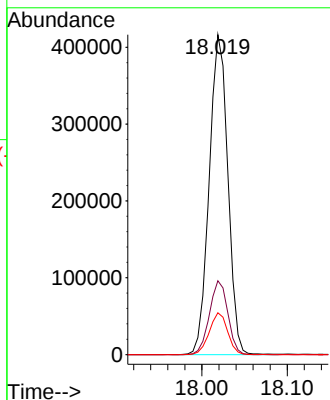
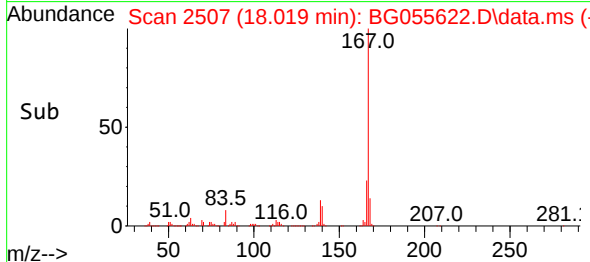
Instrument :
BNA_G
ClientSampleId :
PB148852BS



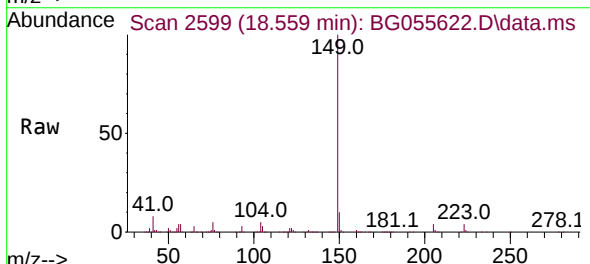
Tgt Ion:167 Resp: 632064
Ion Ratio Lower Upper
167 100
166 23.1 18.2 27.4
139 13.1 10.4 15.6

Manual Integrations
APPROVED

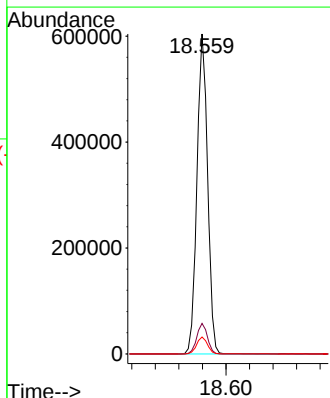
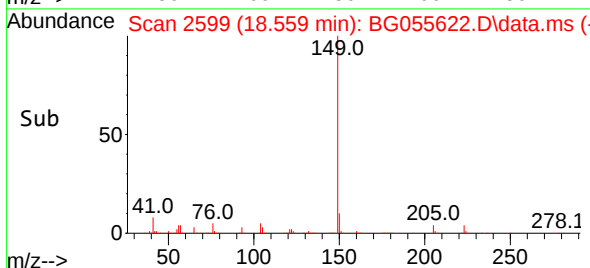
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

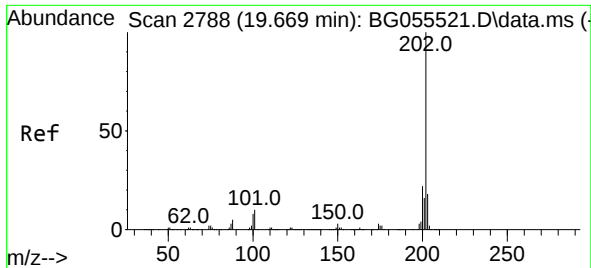


#74
Di-n-butylphthalate
Concen: 40.313 ng
RT: 18.559 min Scan# 2599
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47



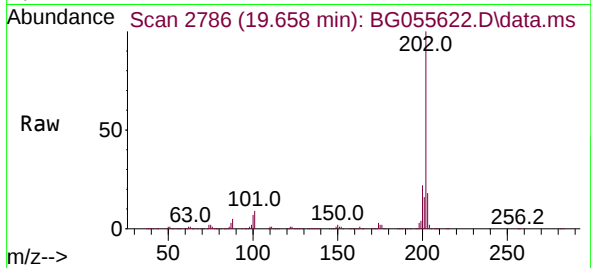
Tgt Ion:149 Resp: 756754
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 5.3 4.2 6.4





#75
Fluoranthene
Concen: 37.363 ng
RT: 19.658 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

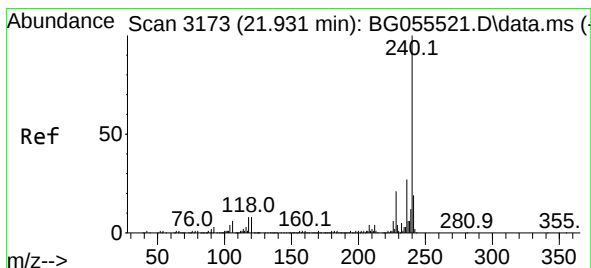
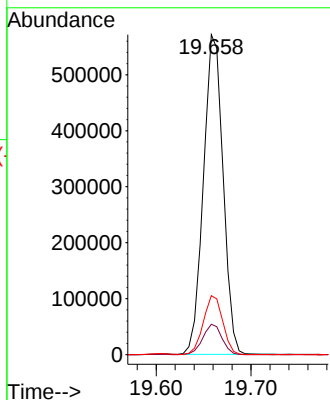
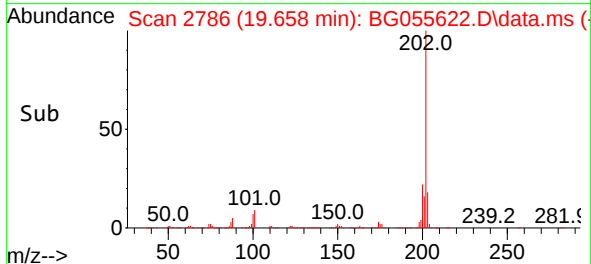
Instrument :
BNA_G
ClientSampleId :
PB148852BS



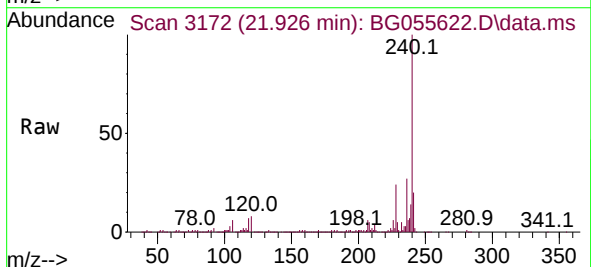
Tgt Ion:202 Resp: 82364
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.8
203 18.4 0.0 38.2

Manual Integrations
APPROVED

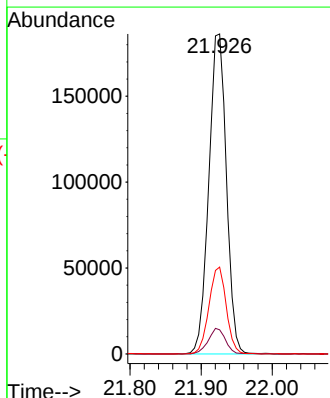
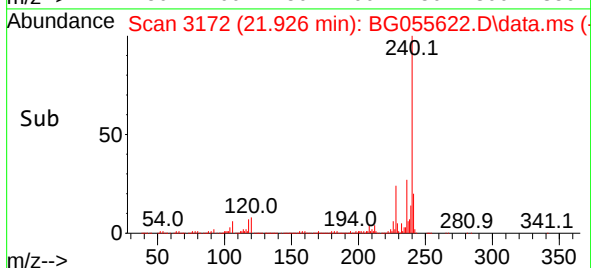
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

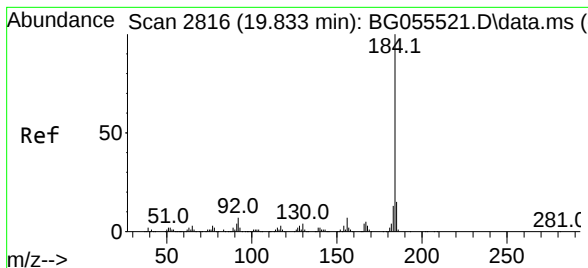


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.926 min Scan# 3172
Delta R.T. 0.005 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47



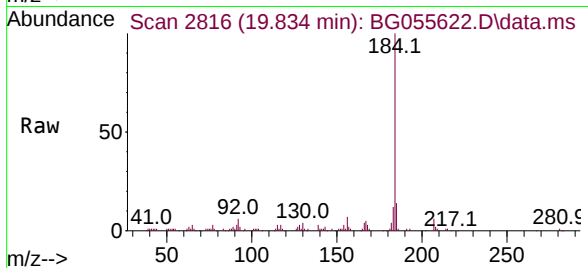
Tgt Ion:240 Resp: 319675
Ion Ratio Lower Upper
240 100
120 7.5 6.1 9.1
236 27.1 21.4 32.0





#77
Benzidine
Concen: 23.310 ng m
RT: 19.834 min Scan# 2816
Delta R.T. 0.005 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

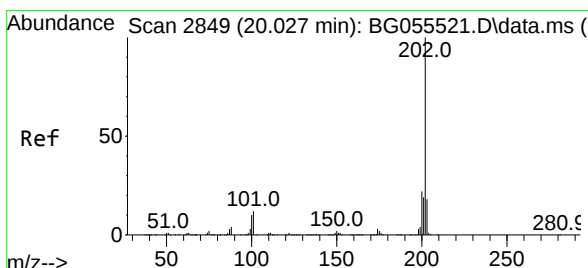
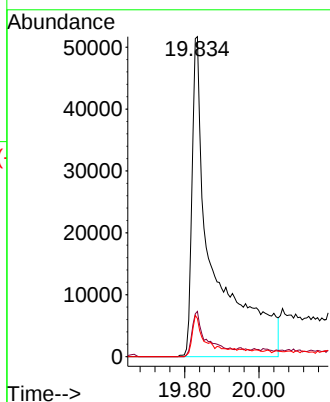
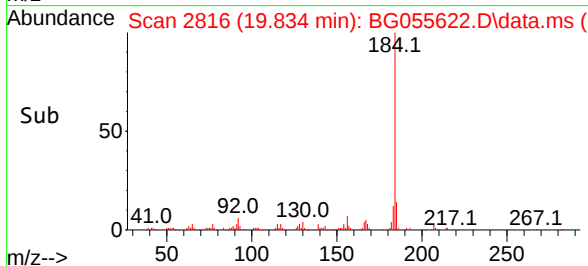
Instrument :
BNA_G
ClientSampleId :
PB148852BS



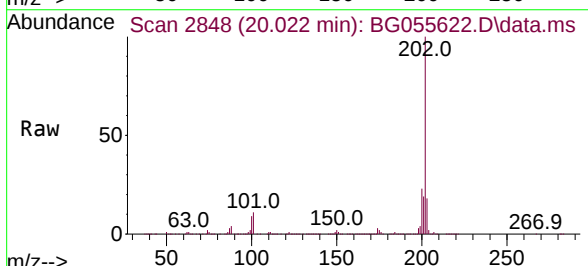
Tgt Ion:184 Resp: 201594
Ion Ratio Lower Upper
184 100
185 14.1 12.0 18.0
183 11.9 10.2 15.2

Manual Integrations
APPROVED

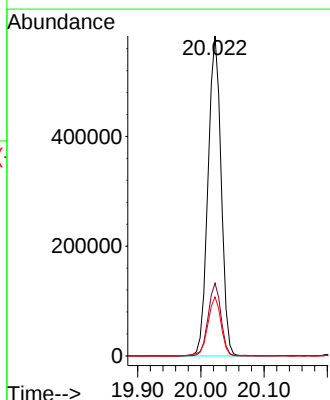
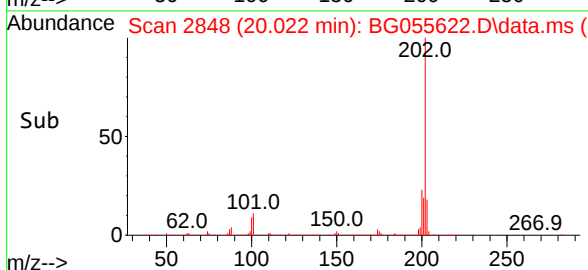
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

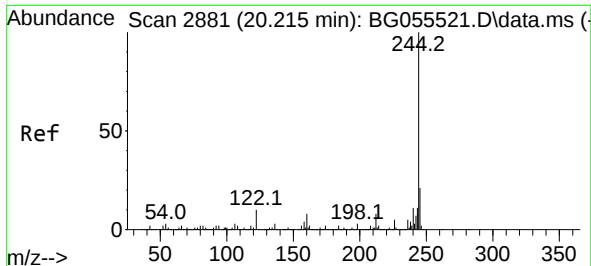


#78
Pyrene
Concen: 38.828 ng
RT: 20.022 min Scan# 2848
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47



Tgt Ion:202 Resp: 840051
Ion Ratio Lower Upper
202 100
200 22.7 18.0 27.0
203 18.4 14.2 21.2





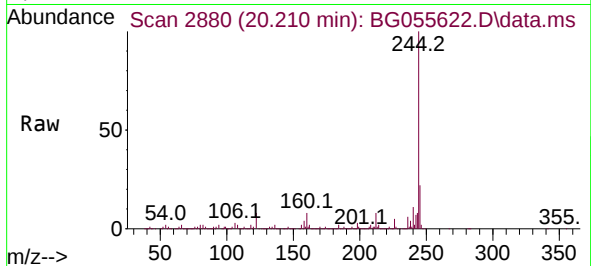
#79
Terphenyl-d14
Concen: 79.569 ng
RT: 20.210 min Scan# 2881
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Instrument :

BNA_G

ClientSampleId :

PB148852BS

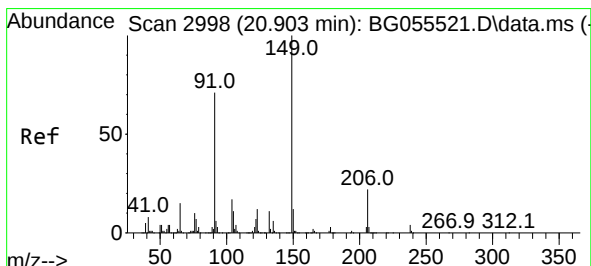
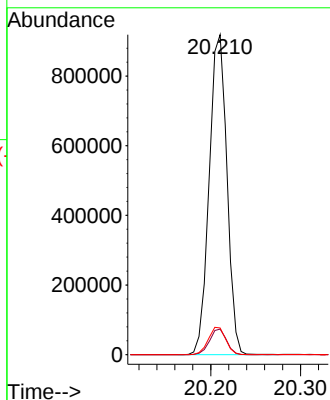
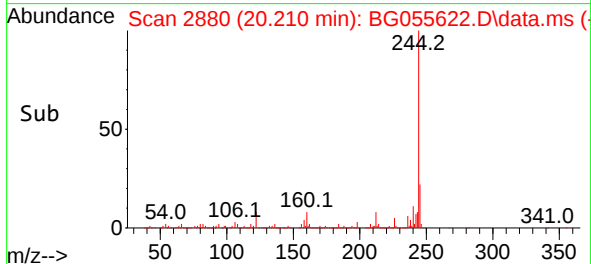


Tgt Ion:244 Resp: 1266400
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 8.3 7.7 11.5

Manual Integrations

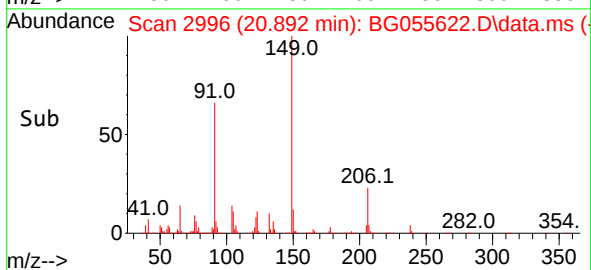
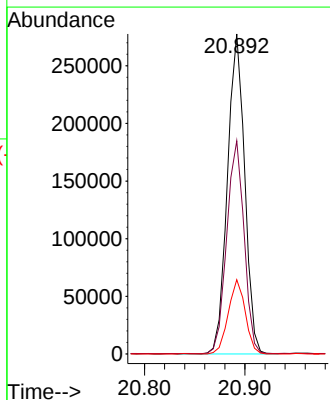
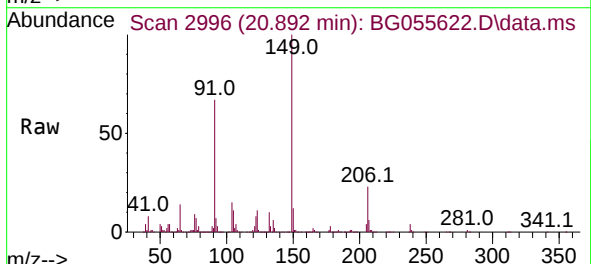
APPROVED

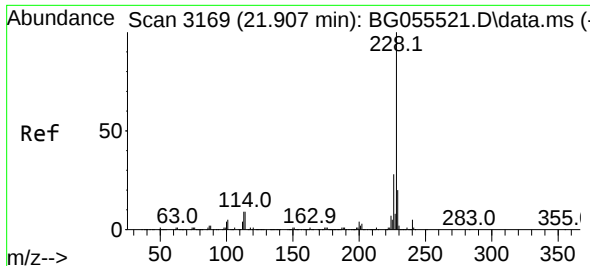
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#80
Butylbenzylphthalate
Concen: 40.795 ng
RT: 20.892 min Scan# 2996
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

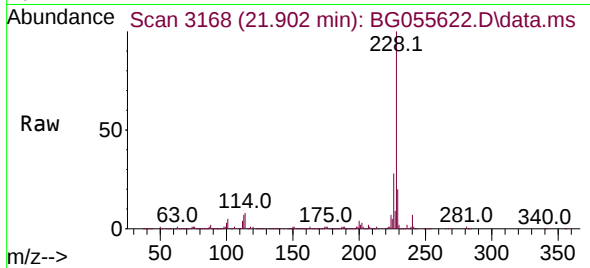
Tgt Ion:149 Resp: 331687
Ion Ratio Lower Upper
149 100
91 66.6 56.8 85.2
206 23.2 17.3 25.9





#81
Benzo(a)anthracene
Concen: 37.937 ng
RT: 21.902 min Scan# 3169
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

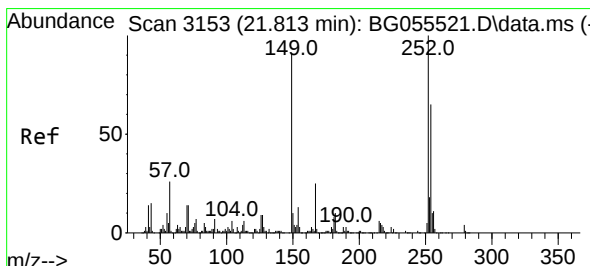
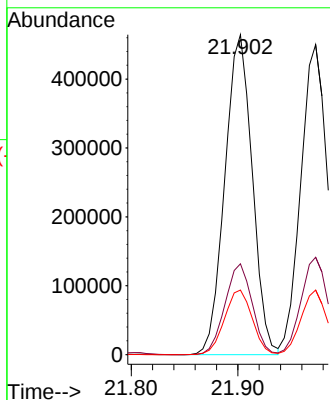
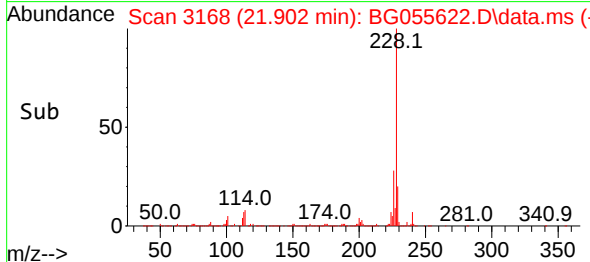
Instrument :
BNA_G
ClientSampleId :
PB148852BS



Tgt Ion:228 Resp: 830679
Ion Ratio Lower Upper
228 100
226 28.4 22.6 34.0
229 20.2 16.1 24.1

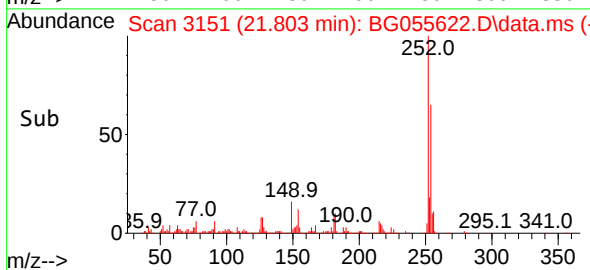
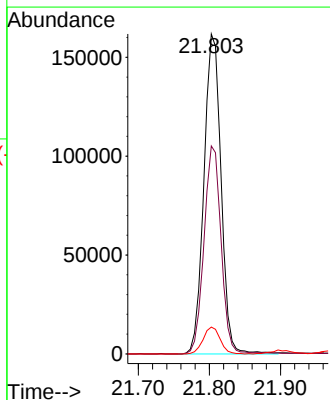
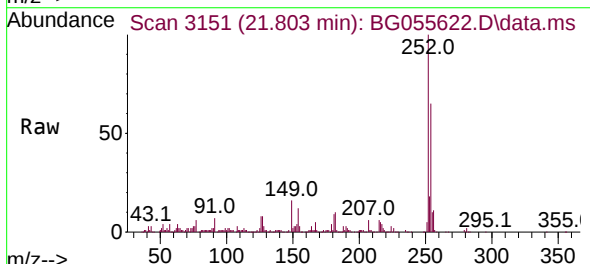
Manual Integrations
APPROVED

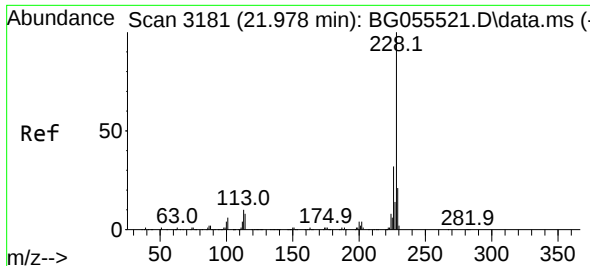
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#82
3,3'-Dichlorobenzidine
Concen: 37.778 ng
RT: 21.803 min Scan# 3151
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

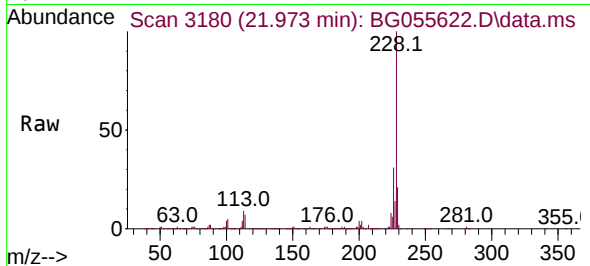
Tgt Ion:252 Resp: 269970
Ion Ratio Lower Upper
252 100
254 65.0 52.2 78.2
126 8.4 6.9 10.3





#83
Chrysene
Concen: 37.397 ng
RT: 21.973 min Scan# 3181
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

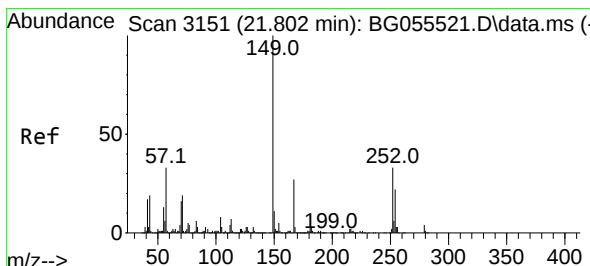
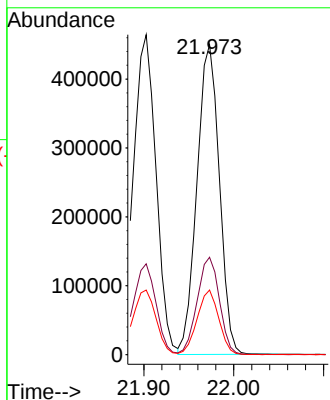
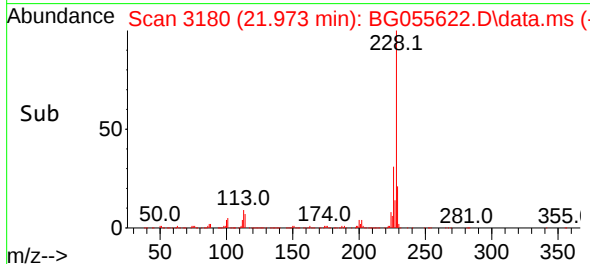
Instrument :
BNA_G
ClientSampleId :
PB148852BS



Tgt Ion:228 Resp: 778644
Ion Ratio Lower Upper
228 100
226 31.4 25.7 38.5
229 20.8 16.6 25.0

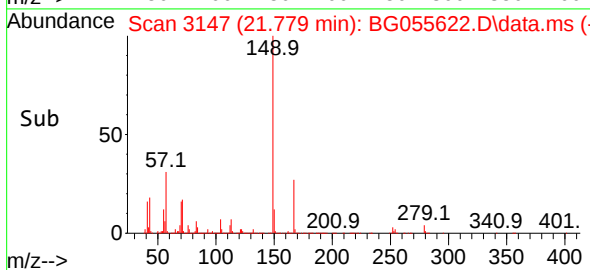
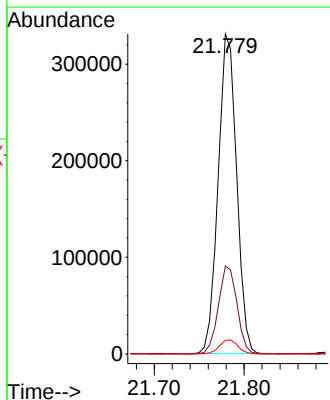
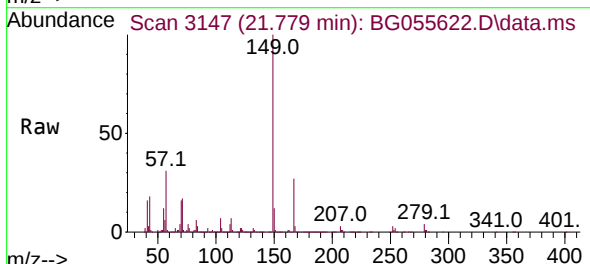
Manual Integrations
APPROVED

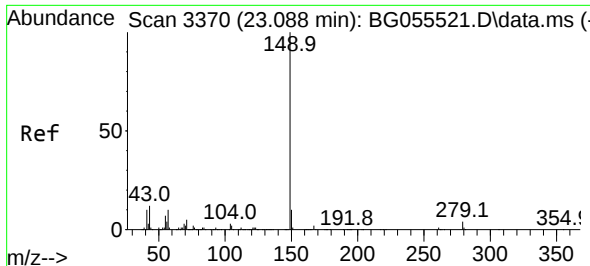
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.507 ng
RT: 21.779 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

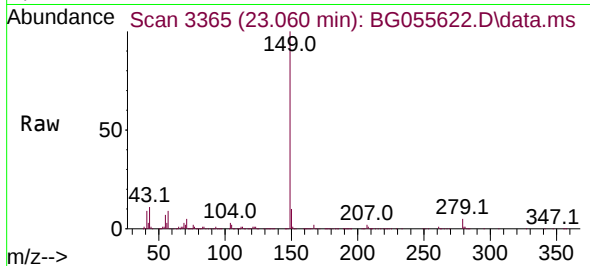
Tgt Ion:149 Resp: 475053
Ion Ratio Lower Upper
149 100
167 27.5 21.4 32.2
279 4.2 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 42.950 ng
RT: 23.060 min Scan# 3370
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

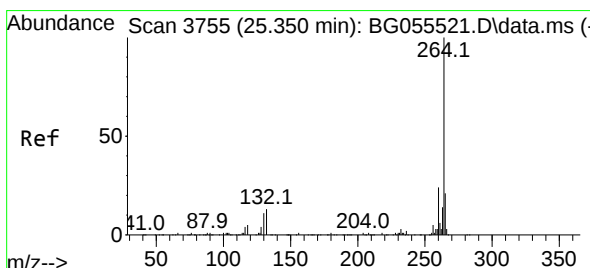
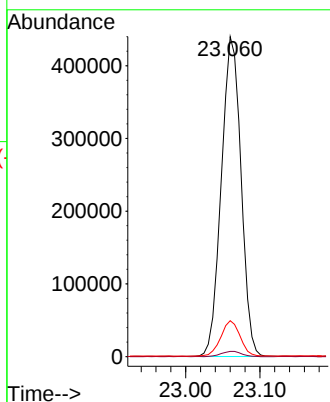
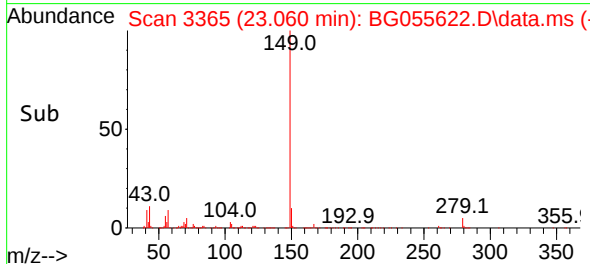
Instrument :
BNA_G
ClientSampleId :
PB148852BS



Tgt Ion:149 Resp: 810425
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.9 9.3 13.9

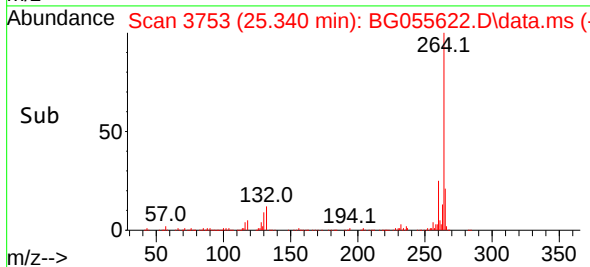
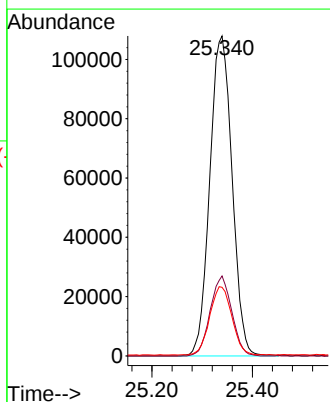
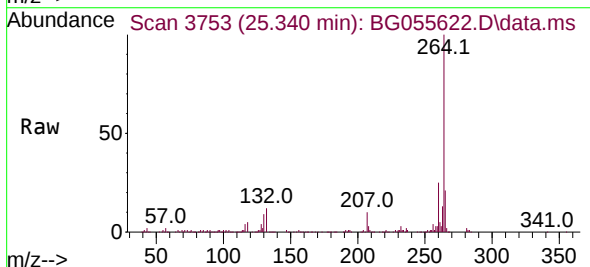
Manual Integrations
APPROVED

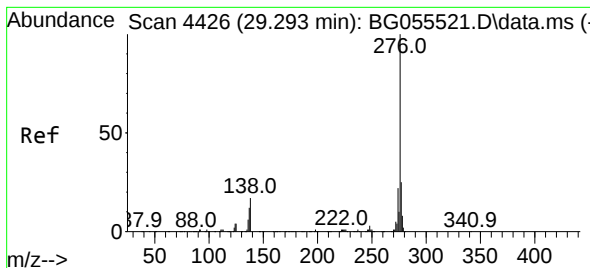
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.340 min Scan# 3753
Delta R.T. 0.005 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Tgt Ion:264 Resp: 332447
Ion Ratio Lower Upper
264 100
260 25.0 19.4 29.2
265 21.4 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.499 ng

RT: 29.276 min Scan# 4426

Delta R.T. -0.001 min

Lab File: BG055622.D

Acq: 15 Nov 2022 14:47

Instrument :

BNA_G

ClientSampleId :

PB148852BS

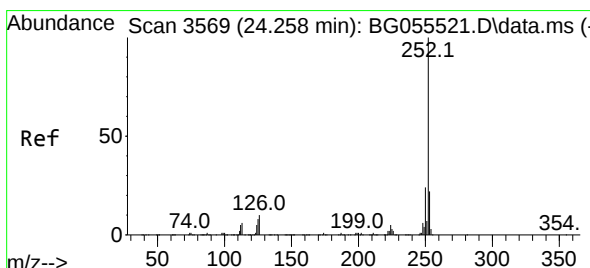
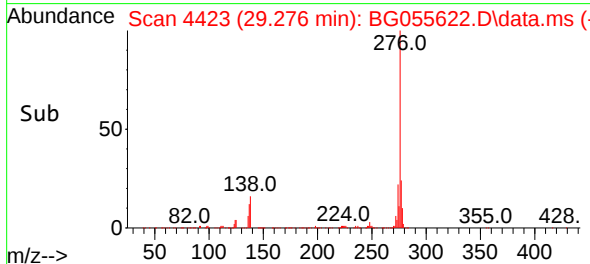
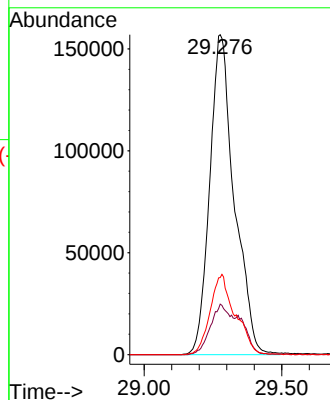
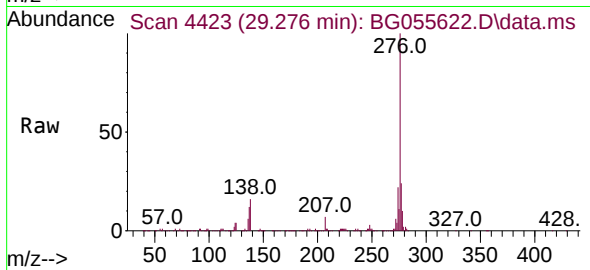
Tgt Ion:276 Resp: 974801
 Ion Ratio Lower Upper
 276 100
 138 13.4 11.5 17.3
 277 25.5 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#88

Benzo(b)fluoranthene

Concen: 40.989 ng

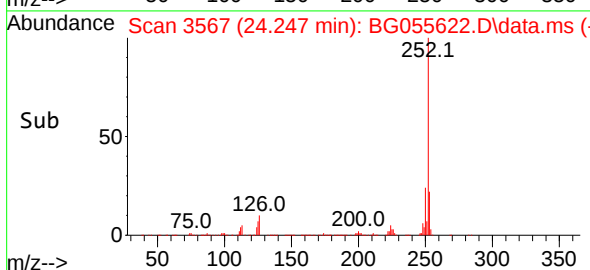
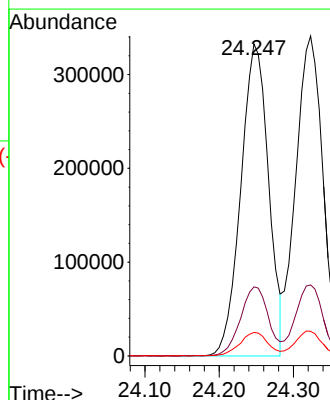
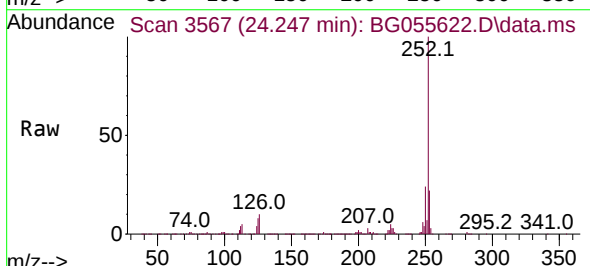
RT: 24.247 min Scan# 3567

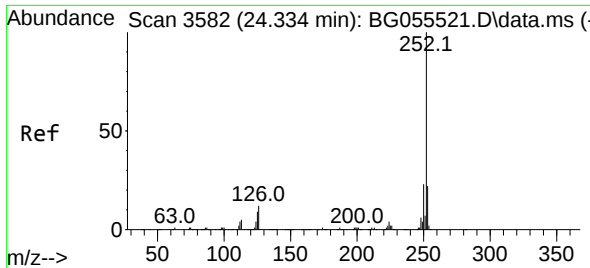
Delta R.T. -0.001 min

Lab File: BG055622.D

Acq: 15 Nov 2022 14:47

Tgt Ion:252 Resp: 863392
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.9 26.9
 125 7.5 6.7 10.1





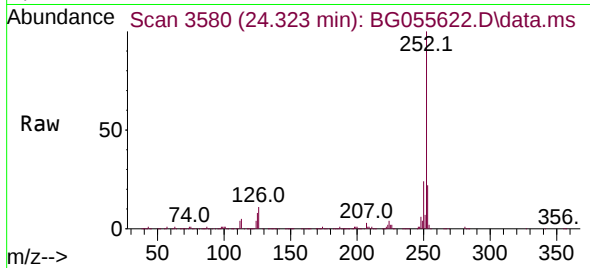
#89
Benzo(k)fluoranthene
Concen: 39.870 ng
RT: 24.323 min Scan# 3582
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

Instrument :

BNA_G

ClientSampleId :

PB148852BS

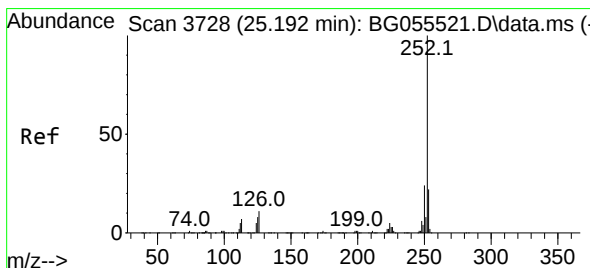
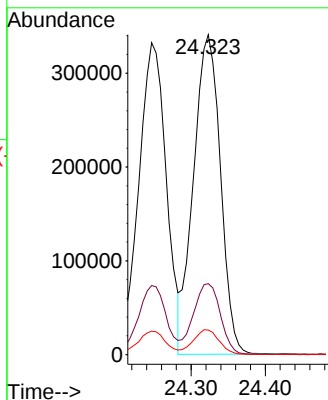
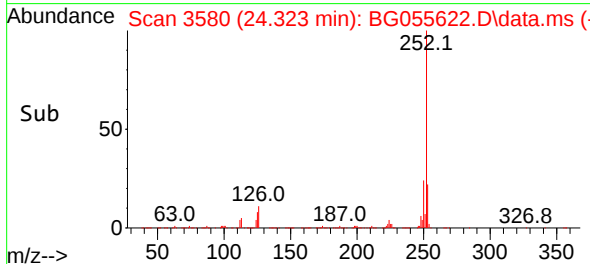


Tgt Ion:252 Resp: 858589
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 7.7 6.9 10.3

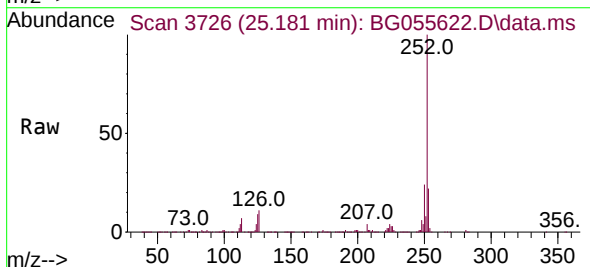
Manual Integrations

APPROVED

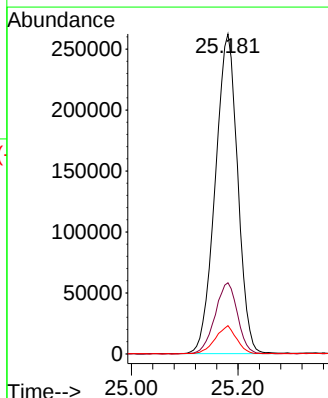
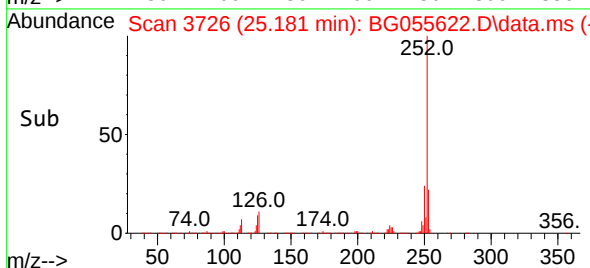
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

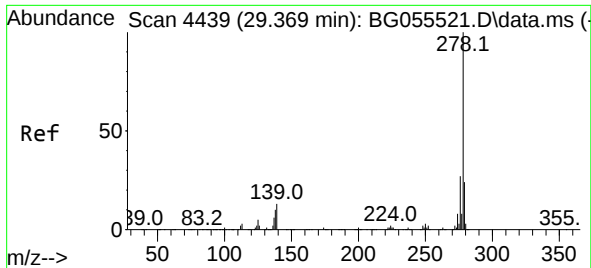


#90
Benzo(a)pyrene
Concen: 42.151 ng
RT: 25.181 min Scan# 3726
Delta R.T. 0.005 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47



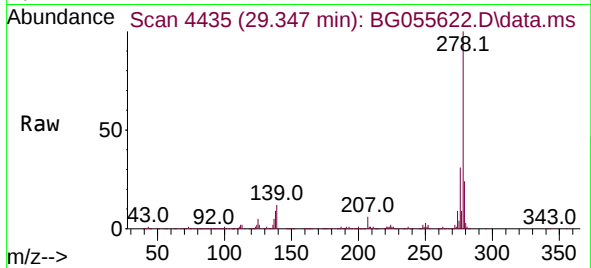
Tgt Ion:252 Resp: 764812
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 8.8 6.7 10.1





#91
Dibenzo(a,h)anthracene
Concen: 39.932 ng
RT: 29.347 min Scan# 4439
Delta R.T. -0.001 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47

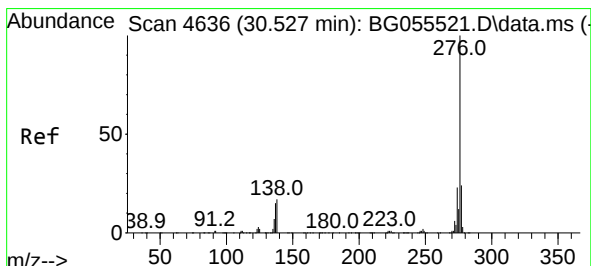
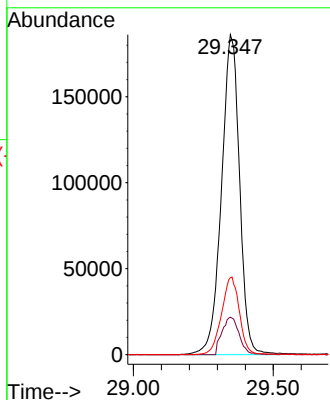
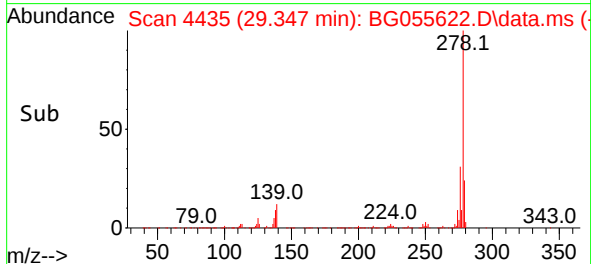
Instrument :
BNA_G
ClientSampleId :
PB148852BS



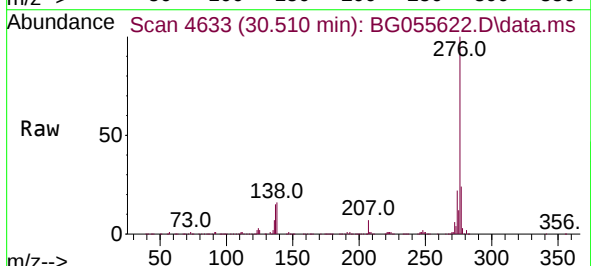
Tgt Ion: 278 Resp: 836958
Ion Ratio Lower Upper
278 100
139 11.7 10.6 15.8
279 24.1 19.4 29.2

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 11/16/2022
Supervised By : Jagrut Upadhyay 11/16/2022



#92
Benzo(g,h,i)perylene
Concen: 39.808 ng
RT: 30.510 min Scan# 4633
Delta R.T. -0.007 min
Lab File: BG055622.D
Acq: 15 Nov 2022 14:47



Tgt Ion: 276 Resp: 815626
Ion Ratio Lower Upper
276 100
277 23.7 19.3 28.9
138 16.0 13.9 20.9

