

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
 Data File : BG055856.D
 Acq On : 1 Dec 2022 14:30
 Operator : CG/JU
 Sample : PB149346BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149346BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/02/2022
 Supervised By : Jagrut Upadhyay 12/02/2022

Quant Time: Dec 02 04:09:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 04:07:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.206	152	35586	20.000	ng	0.00
21) Naphthalene-d8	11.038	136	164375	20.000	ng	0.00
39) Acenaphthene-d10	14.833	164	125998	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	307125	20.000	ng	0.00
76) Chrysene-d12	21.866	240	294079	20.000	ng	0.00
86) Perylene-d12	25.244	264	297802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	273773	139.057	ng	0.00
7) Phenol-d6	7.365	99	366080	139.685	ng	0.00
23) Nitrobenzene-d5	9.387	82	224840	72.297	ng	0.00
42) 2,4,6-Tribromophenol	16.325	330	208871	117.726	ng	0.00
45) 2-Fluorobiphenyl	13.458	172	594556	70.693	ng	0.00
79) Terphenyl-d14	20.162	244	1131738	76.973	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.558	88	26225	31.170	ng	98
3) Pyridine	3.975	79	74478	28.855	ng	97
4) n-Nitrosodimethylamine	3.887	42	52197	38.197	ng	94
6) Aniline	7.524	93	131257	39.874	ng	96
8) 2-Chlorophenol	7.771	128	105208	46.745	ng	98
9) Benzaldehyde	7.336	77	59405m	33.377	ng	
10) Phenol	7.389	94	135361	46.128	ng	99
11) bis(2-Chloroethyl)ether	7.612	93	91606	40.735	ng	99
12) 1,3-Dichlorobenzene	8.094	146	104255	39.399	ng	97
13) 1,4-Dichlorobenzene	8.241	146	107229	40.102	ng	100
14) 1,2-Dichlorobenzene	8.564	146	106038	41.383	ng	98
15) Benzyl Alcohol	8.446	79	94550m	44.391	ng	
16) 2,2'-oxybis(1-Chloropr...	8.728	45	165124	40.561	ng	99
17) 2-Methylphenol	8.652	107	96507	46.323	ng	100
18) Hexachloroethane	9.304	117	37143	40.359	ng	97
19) n-Nitroso-di-n-propyla...	9.011	70	85087	42.256	ng	98
20) 3+4-Methylphenols	8.981	107	134152	46.096	ng	99
22) Acetophenone	9.034	105	159246	37.283	ng	# 98
24) Nitrobenzene	9.428	77	119347	36.740	ng	99
25) Isophorone	9.945	82	237376	40.284	ng	98
26) 2-Nitrophenol	10.144	139	61438	40.970	ng	95
27) 2,4-Dimethylphenol	10.191	122	109639m	48.039	ng	
28) bis(2-Chloroethoxy)met...	10.421	93	133550	42.218	ng	98
29) 2,4-Dichlorophenol	10.685	162	116172	42.527	ng	99
30) 1,2,4-Trichlorobenzene	10.897	180	116957	36.853	ng	99
31) Naphthalene	11.090	128	322820	36.330	ng	99
32) Benzoic acid	10.344	122	49392m	26.304	ng	
33) 4-Chloroaniline	11.190	127	117998	32.191	ng	99
34) Hexachlorobutadiene	11.361	225	78692	36.313	ng	96
35) Caprolactam	11.966	113	40113m	42.433	ng	
36) 4-Chloro-3-methylphenol	12.307	107	129641	43.179	ng	98
37) 2-Methylnaphthalene	12.677	142	251634	37.821	ng	98
38) 1-Methylnaphthalene	12.894	142	236403	36.601	ng	98
40) 1,2,4,5-Tetrachloroben...	13.041	216	148913	37.609	ng	99
41) Hexachlorocyclopentadiene	13.018	237	125883	63.079	ng	98
43) 2,4,6-Trichlorophenol	13.282	196	101180	37.461	ng	99

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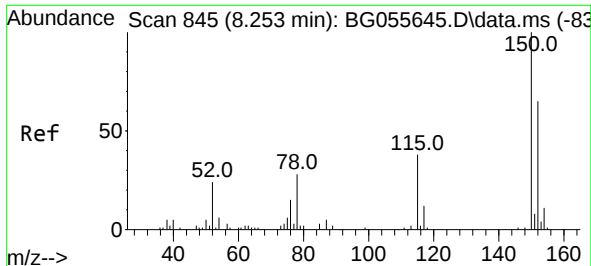
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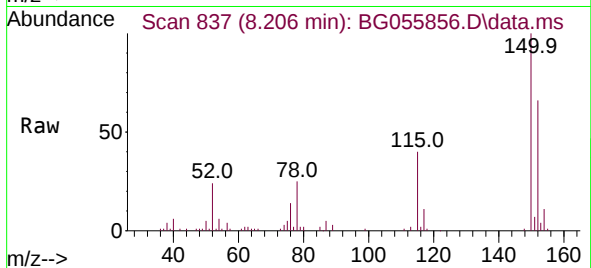
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.358	196	112535	37.914	ng	96
46) 1,1'-Biphenyl	13.670	154	346899	37.782	ng	99
47) 2-Chloronaphthalene	13.723	162	261841	36.690	ng	98
48) 2-Nitroaniline	13.922	65	91554	39.020	ng	94
49) Acenaphthylene	14.563	152	435088	37.023	ng	100
50) Dimethylphthalate	14.281	163	377042	37.539	ng	99
51) 2,6-Dinitrotoluene	14.404	165	82024	39.940	ng	98
52) Acenaphthene	14.904	154	315666m	41.099	ng	
53) 3-Nitroaniline	14.739	138	69380	30.774	ng	98
54) 2,4-Dinitrophenol	14.951	184	97555	82.618	ng	98
55) Dibenzofuran	15.233	168	439352	37.080	ng	98
56) 4-Nitrophenol	15.056	139	126436	71.456	ng	98
57) 2,4-Dinitrotoluene	15.191	165	120258	41.533	ng	98
58) Fluorene	15.879	166	351410	37.133	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.462	232	100408	34.912	ng	98
60) Diethylphthalate	15.632	149	382721	37.689	ng	100
61) 4-Chlorophenyl-phenyle...	15.861	204	197033	37.876	ng	100
62) 4-Nitroaniline	15.902	138	90709	38.490	ng	96
63) Azobenzene	16.155	77	325703	36.738	ng	99
65) 4,6-Dinitro-2-methylph...	15.961	198	71186	41.509	ng	97
66) n-Nitrosodiphenylamine	16.079	169	322686	38.124	ng	99
67) 4-Bromophenyl-phenylether	16.754	248	132937	37.989	ng	99
68) Hexachlorobenzene	16.884	284	148526	38.278	ng	98
69) Atrazine	17.013	200	140457	41.959	ng	100
70) Pentachlorophenol	17.230	266	170176	71.694	ng	97
71) Phenanthrene	17.618	178	609632	36.783	ng	99
72) Anthracene	17.712	178	612953	38.064	ng	99
73) Carbazole	17.976	167	567579	39.206	ng	99
74) Di-n-butylphthalate	18.511	149	689482	38.356	ng	100
75) Fluoranthene	19.616	202	736454	36.525	ng	100
77) Benzidine	19.786	184	329532	48.437	ng	98
78) Pyrene	19.980	202	747212	37.538	ng	99
80) Butylbenzylphthalate	20.838	149	297921	38.231	ng	97
81) Benzo(a)anthracene	21.843	228	748797	36.969	ng	99
82) 3,3'-Dichlorobenzidine	21.749	252	249962	35.121	ng	100
83) Chrysene	21.913	228	706215	36.624	ng	99
84) Bis(2-ethylhexyl)phtha...	21.713	149	432333	38.604	ng	99
85) Di-n-octyl phthalate	22.965	149	733050	38.249	ng	100
87) Indeno(1,2,3-cd)pyrene	29.146	276	895567	36.708	ng	98
88) Benzo(b)fluoranthene	24.163	252	790092	40.738	ng	99
89) Benzo(k)fluoranthene	24.234	252	776584	40.170	ng	99
90) Benzo(a)pyrene	25.086	252	701920	42.175	ng	100
91) Dibenzo(a,h)anthracene	29.204	278	765799	38.412	ng	98
92) Benzo(g,h,i)perylene	30.368	276	753477	37.499	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.206 min Scan# 845
Delta R.T. 0.001 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

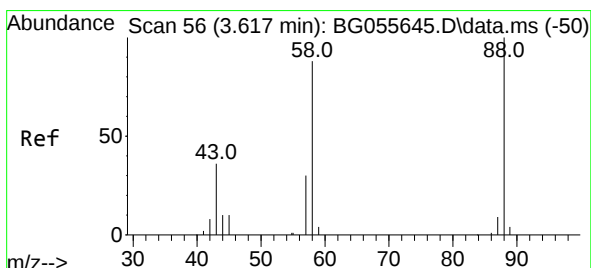
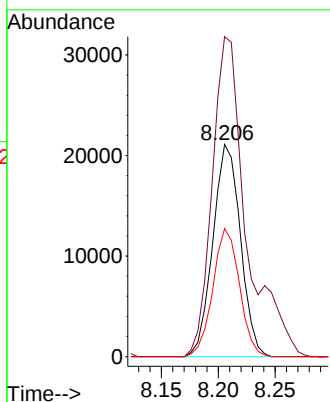
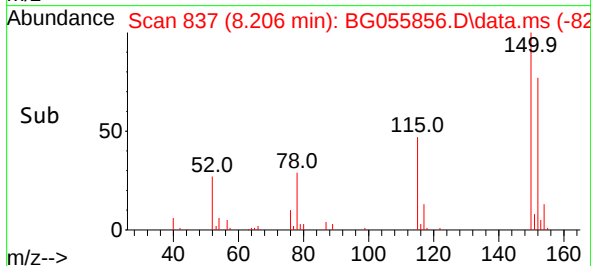
Instrument :
BNA_G
ClientSampleId :
PB149346BS



Tgt Ion:152 Resp: 35586
Ion Ratio Lower Upper
152 100
150 150.8 123.0 184.6
115 60.3 47.0 70.4

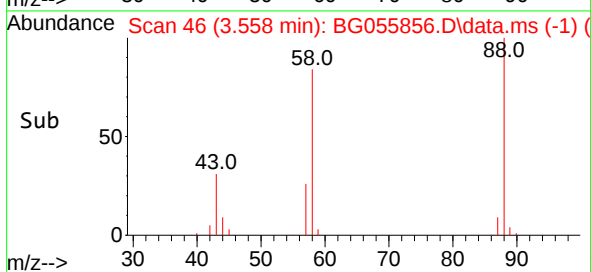
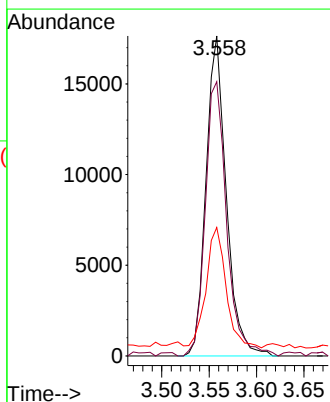
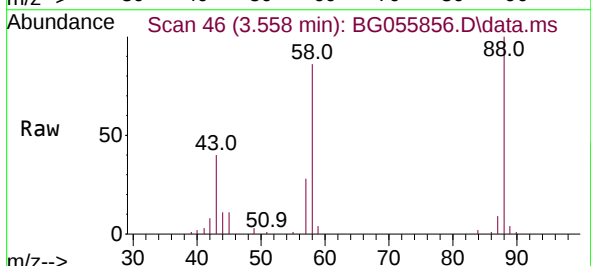
Manual Integrations
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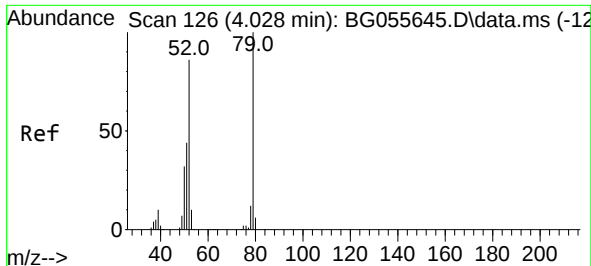
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#2
1,4-Dioxane
Concen: 31.170 ng
RT: 3.558 min Scan# 46
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Tgt Ion: 88 Resp: 26225
Ion Ratio Lower Upper
88 100
58 90.5 71.3 106.9
43 37.4 28.6 43.0





#3

Pyridine

Concen: 28.855 ng

RT: 3.975 min Scan# 117

Delta R.T. 0.000 min

Lab File: BG055856.D

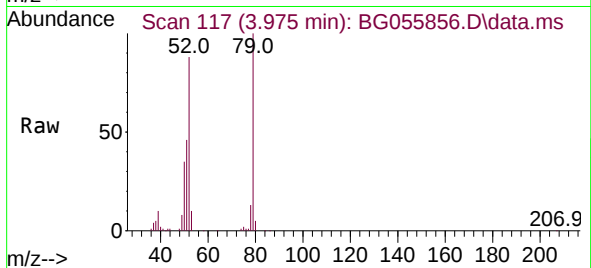
Acq: 1 Dec 2022 14:30

Instrument :

BNA_G

ClientSampleId :

PB149346BS



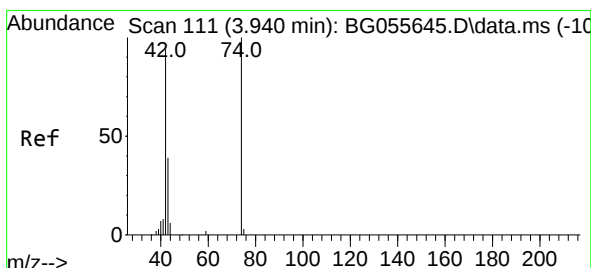
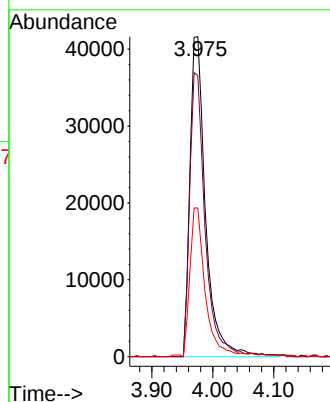
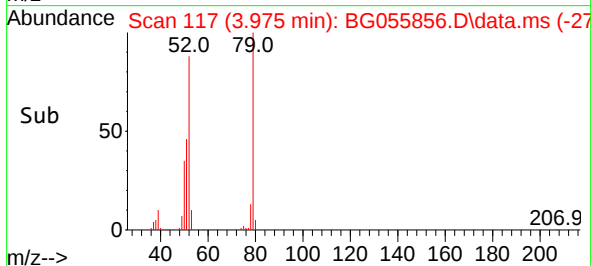
Tgt Ion:	79	Resp:	74478
Ion Ratio	Lower	Upper	
79	100		
52	87.8	68.9	103.3
51	46.5	34.8	52.2

Manual Integrations

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#4

n-Nitrosodimethylamine

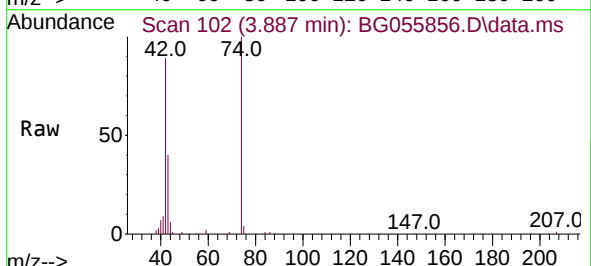
Concen: 38.197 ng

RT: 3.887 min Scan# 102

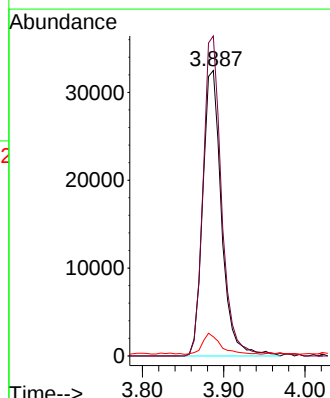
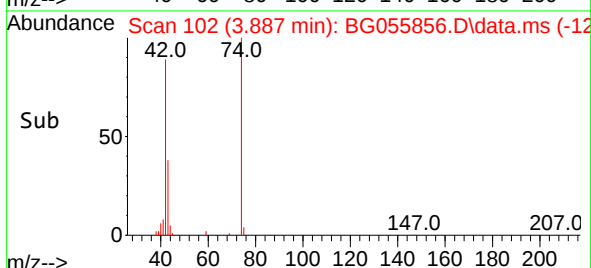
Delta R.T. 0.000 min

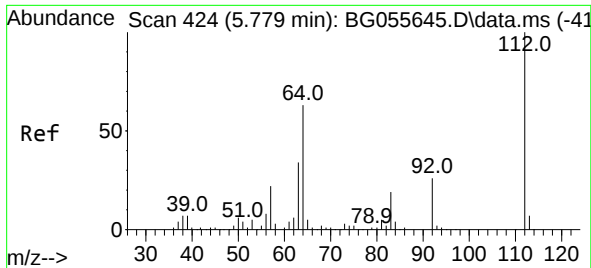
Lab File: BG055856.D

Acq: 1 Dec 2022 14:30



Tgt Ion:	42	Resp:	52197
Ion Ratio	Lower	Upper	
42	100		
74	112.1	84.7	127.1
44	6.7	5.4	8.0





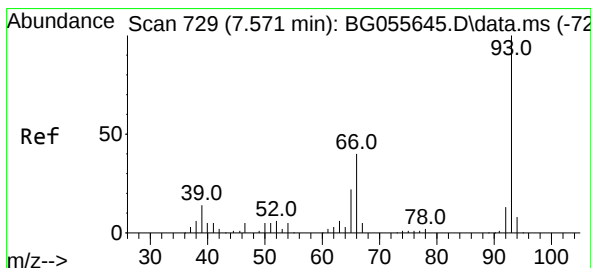
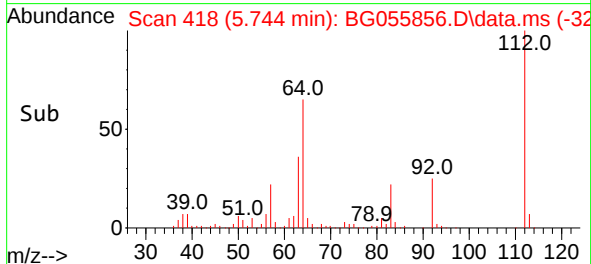
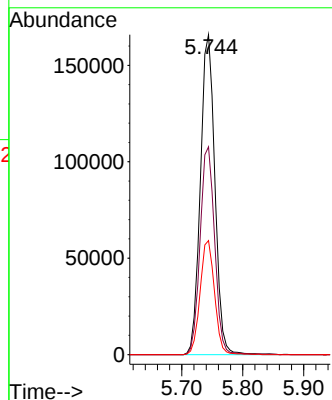
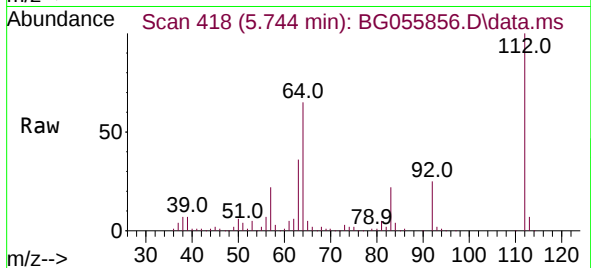
#5
2-Fluorophenol
Concen: 139.057 ng
RT: 5.744 min Scan# 418
Delta R.T. 0.006 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Instrument :
BNA_G
ClientSampleId :
PB149346BS

Tgt Ion:112 Resp: 273773
Ion Ratio Lower Upper
112 100
64 64.9 50.6 76.0
63 35.6 27.5 41.3

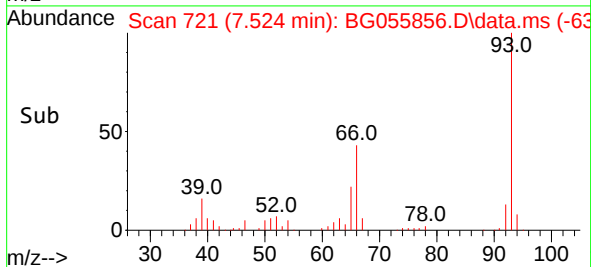
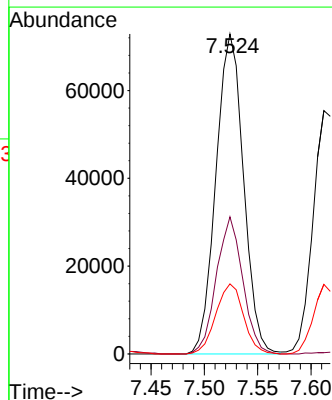
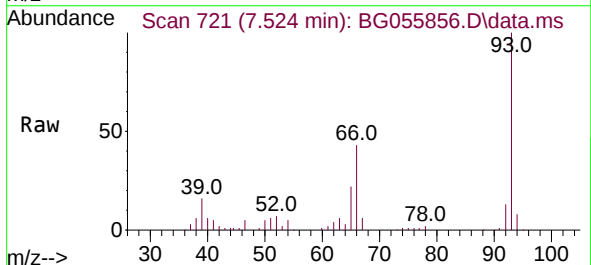
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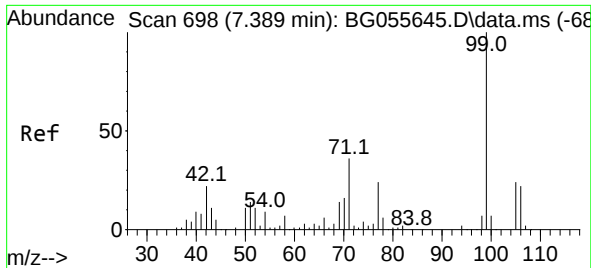
Reviewed By :Christian Giraldo 12/02/2022
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#6
Aniline
Concen: 39.874 ng
RT: 7.524 min Scan# 721
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Tgt Ion: 93 Resp: 131257
Ion Ratio Lower Upper
93 100
66 42.8 31.7 47.5
65 21.9 17.9 26.9





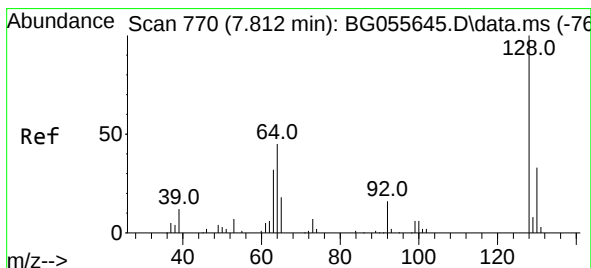
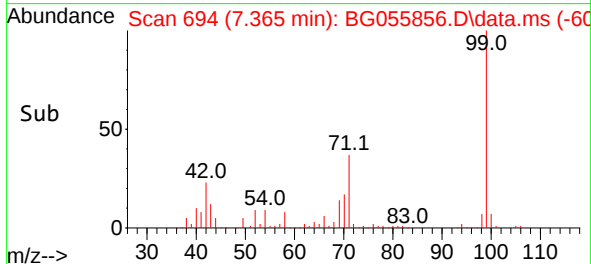
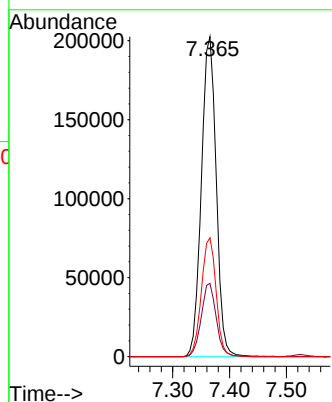
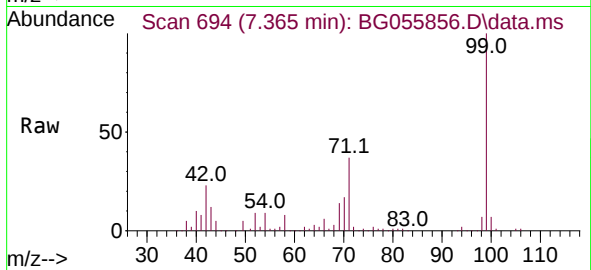
#7
Phenol-d6
Concen: 139.685 ng
RT: 7.365 min Scan# 698
Delta R.T. 0.006 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Instrument :
BNA_G
ClientSampleId :
PB149346BS

Tgt Ion: 99 Resp: 366080
Ion Ratio Lower Upper
99 100
42 22.9 18.0 27.0
71 37.1 29.0 43.6

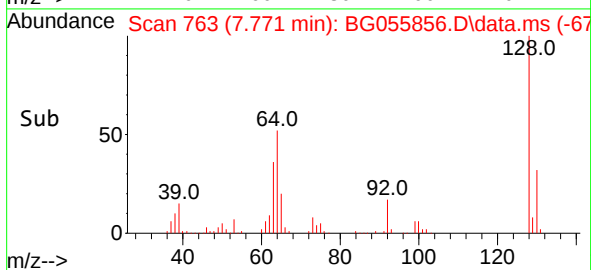
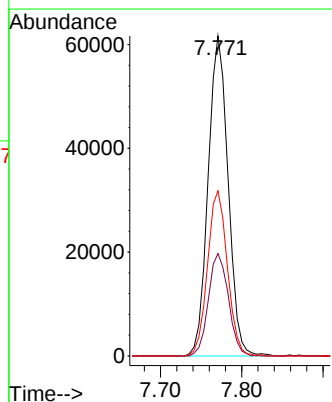
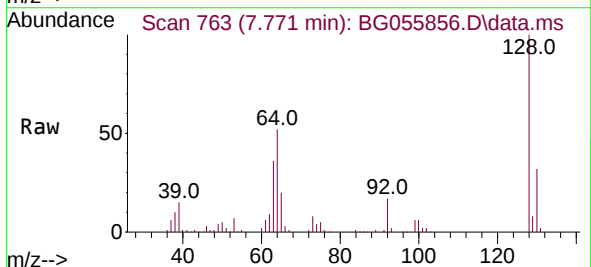
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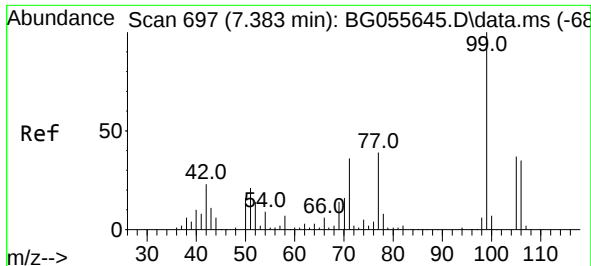
Reviewed By :Christian Giraldo 12/02/2022
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#8
2-Chlorophenol
Concen: 46.745 ng
RT: 7.771 min Scan# 763
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Tgt Ion:128 Resp: 105208
Ion Ratio Lower Upper
128 100
130 32.0 13.1 53.1
64 51.6 30.2 70.2





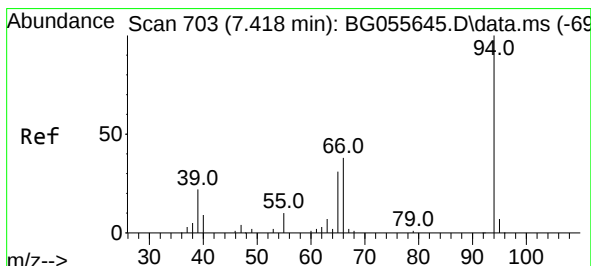
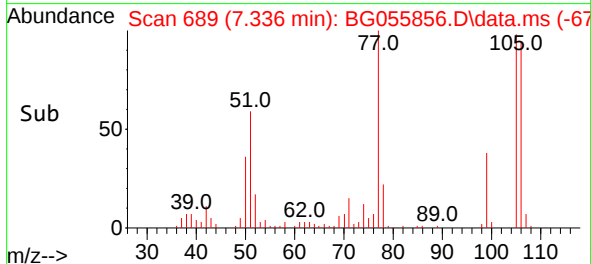
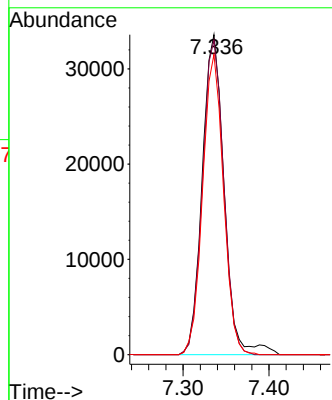
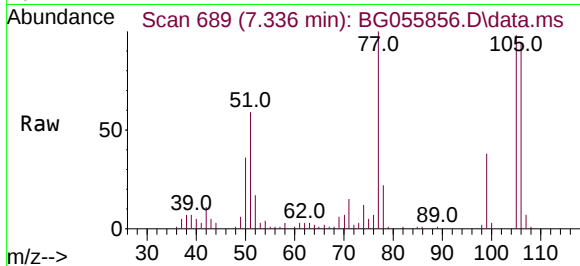
#9
Benzaldehyde
Concen: 33.377 ng m
RT: 7.336 min Scan# 689
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Instrument :
BNA_G
ClientSampleId :
PB149346BS

Tgt Ion: 77 Resp: 59405
Ion Ratio Lower Upper
77 100
105 98.2 76.3 116.3
106 93.8 69.8 109.8

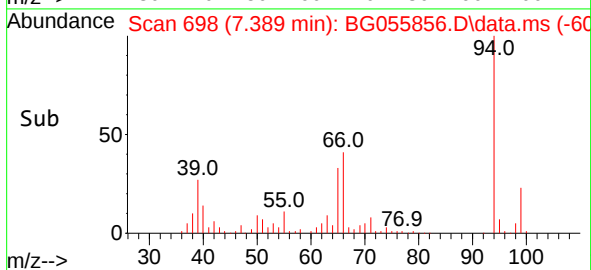
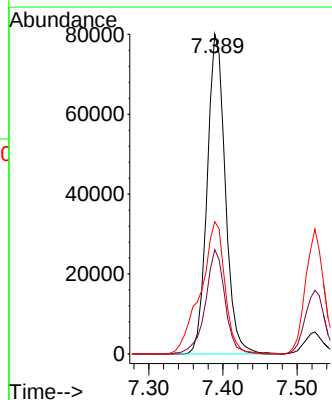
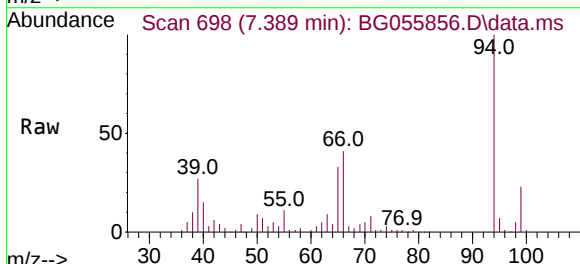
Manual Integrations
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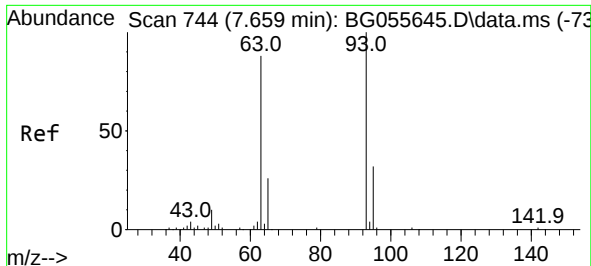
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#10
Phenol
Concen: 46.128 ng
RT: 7.389 min Scan# 698
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

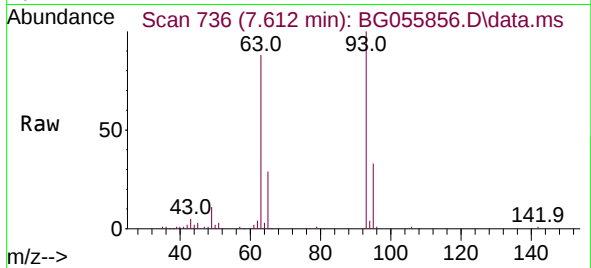
Tgt Ion: 94 Resp: 135361
Ion Ratio Lower Upper
94 100
65 32.6 11.8 51.8
66 41.3 20.5 60.5





#11
bis(2-Chloroethyl)ether
Concen: 40.735 ng
RT: 7.612 min Scan# 744
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

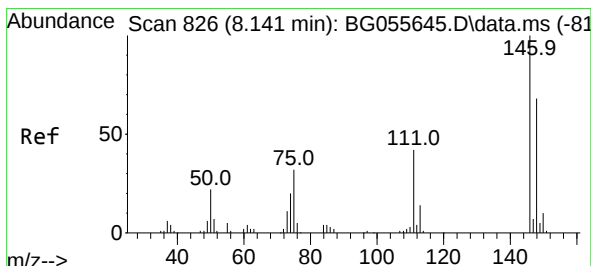
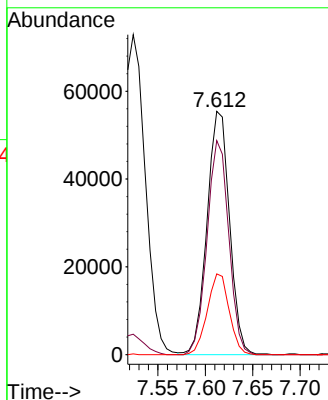
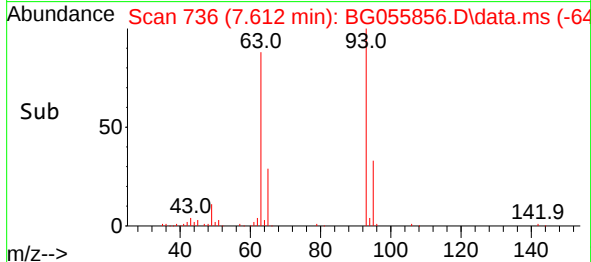
Instrument :
BNA_G
ClientSampleId :
PB149346BS



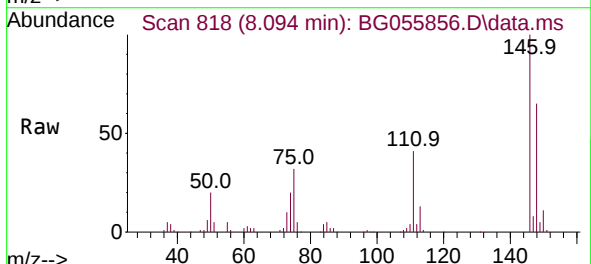
Tgt Ion: 93 Resp: 91600
Ion Ratio Lower Upper
93 100
63 88.0 67.6 107.6
95 33.2 11.8 51.8

Manual Integrations
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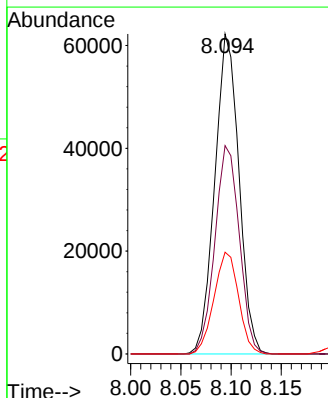
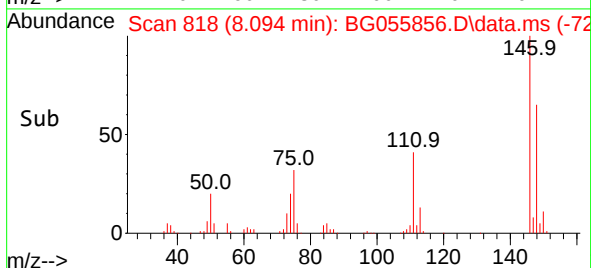
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

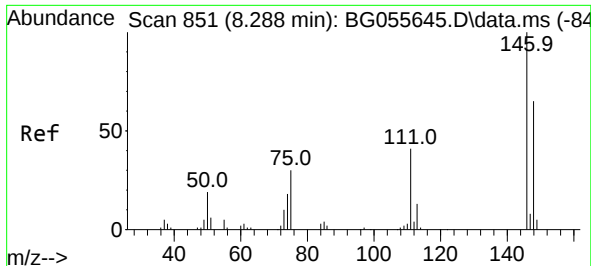


#12
1,3-Dichlorobenzene
Concen: 39.399 ng
RT: 8.094 min Scan# 818
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30



Tgt Ion:146 Resp: 104255
Ion Ratio Lower Upper
146 100
148 65.1 54.6 81.8
75 31.8 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 40.102 ng

RT: 8.241 min Scan# 84

Delta R.T. -0.006 min

Lab File: BG055856.D

Acq: 1 Dec 2022 14:30

Instrument :

BNA_G

ClientSampleId :

PB149346BS

Tgt Ion:146 Resp: 107229

Ion Ratio Lower Upper

146 100

148 64.8 52.1 78.1

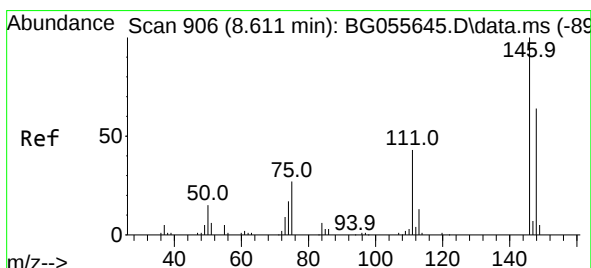
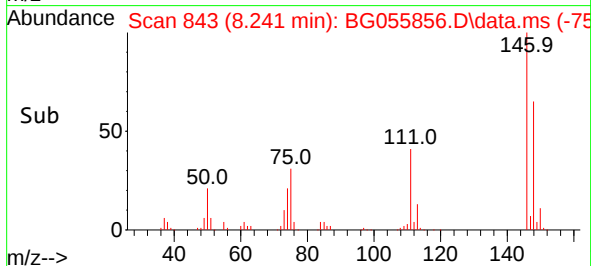
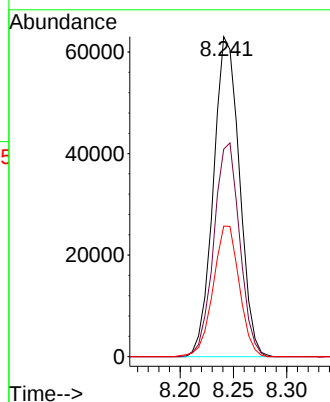
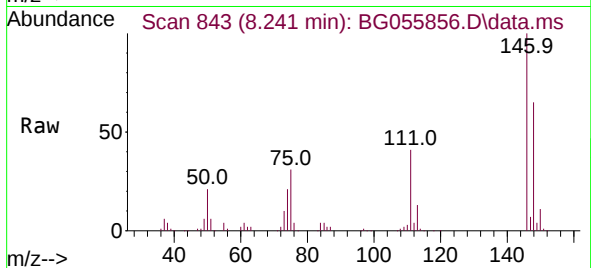
111 40.8 33.0 49.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022

Supervised By :Jagrut Upadhyay 12/02/2022



#14

1,2-Dichlorobenzene

Concen: 41.383 ng

RT: 8.564 min Scan# 898

Delta R.T. 0.000 min

Lab File: BG055856.D

Acq: 1 Dec 2022 14:30

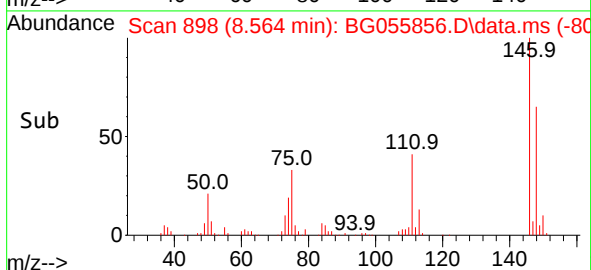
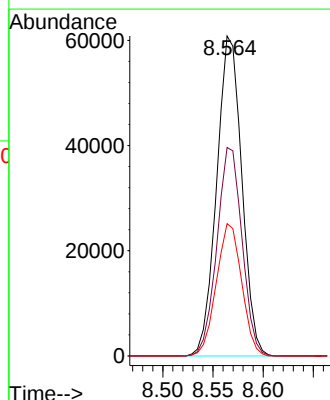
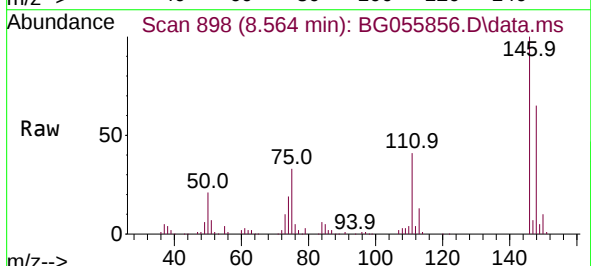
Tgt Ion:146 Resp: 106038

Ion Ratio Lower Upper

146 100

148 65.1 50.9 76.3

111 41.3 34.5 51.7





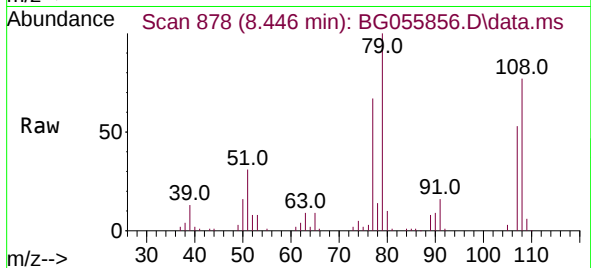
#15
Benzyl Alcohol
Concen: 44.391 ng m
RT: 8.446 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Instrument :

BNA_G

ClientSampleId :

PB149346BS

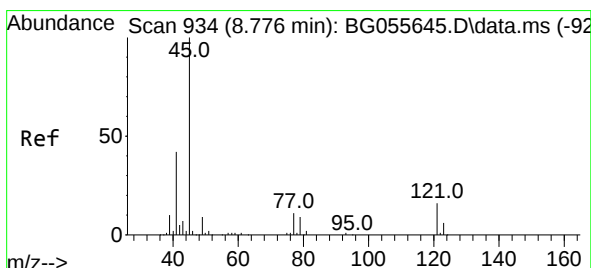
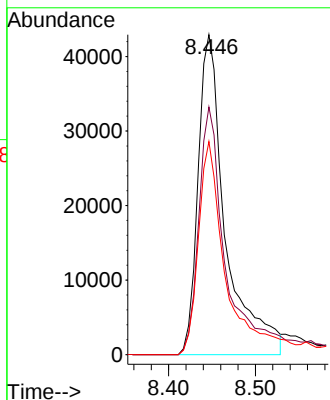
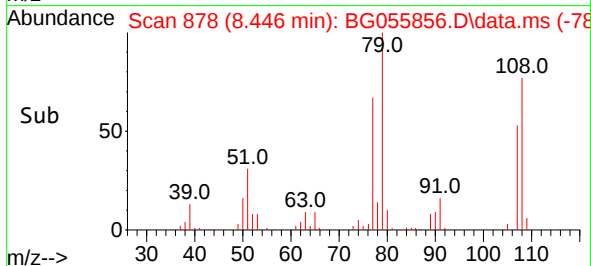


Tgt Ion: 79 Resp: 94550
Ion Ratio Lower Upper
79 100
108 77.4 62.6 93.8
77 66.6 52.4 78.6

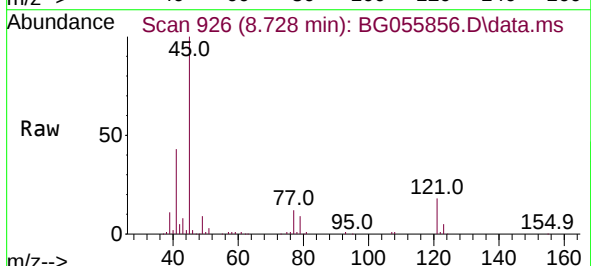
Manual Integrations

APPROVED

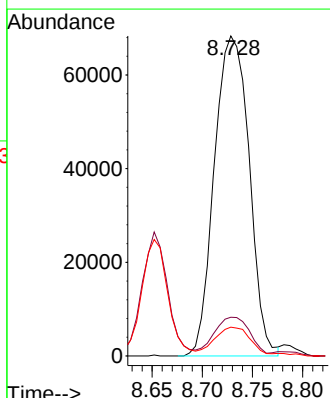
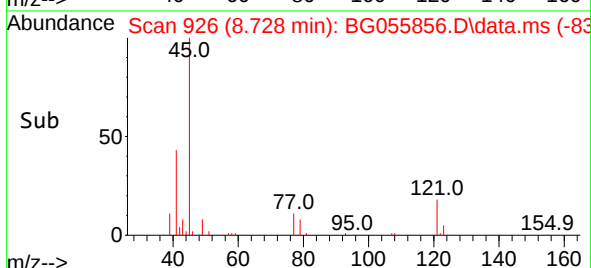
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

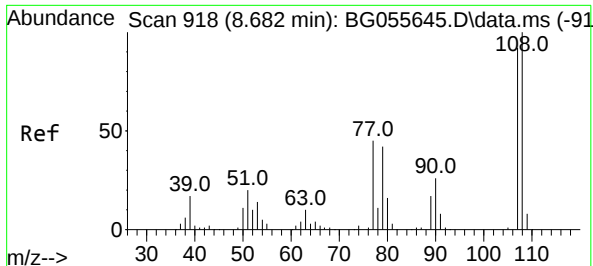


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.561 ng
RT: 8.728 min Scan# 926
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30



Tgt Ion: 45 Resp: 165124
Ion Ratio Lower Upper
45 100
77 12.1 0.0 31.7
79 9.0 0.0 29.5





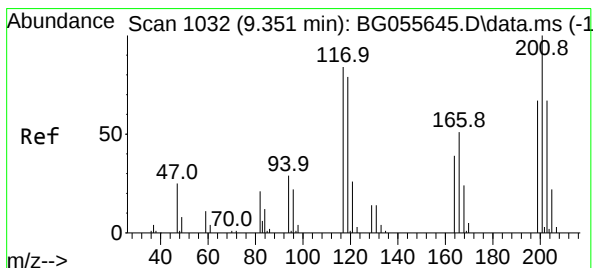
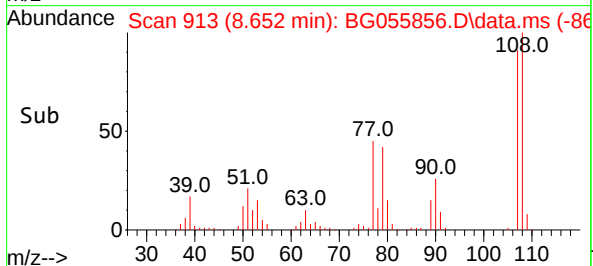
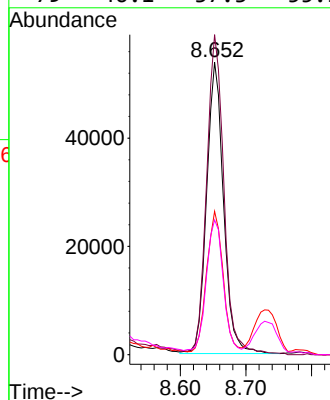
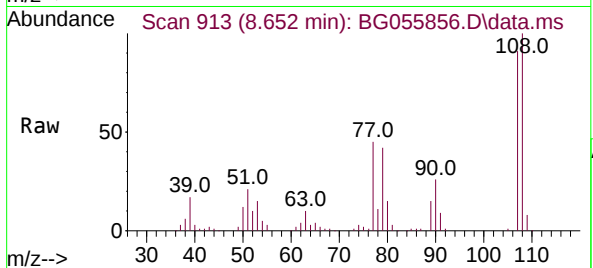
#17
2-Methylphenol
Concen: 46.323 ng
RT: 8.652 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Instrument :
BNA_G
ClientSampleId :
PB149346BS

Tgt Ion:	107	Resp:	9650
Ion Ratio	Lower	Upper	
107	100		
108	109.4	87.3	130.9
77	49.0	39.4	59.0
79	46.1	37.3	55.9

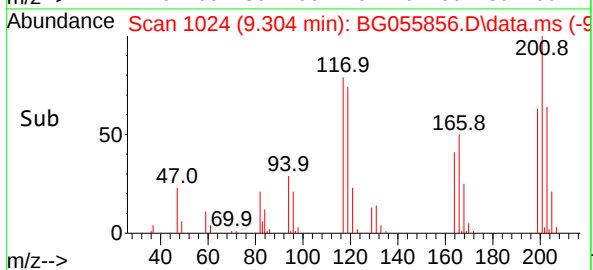
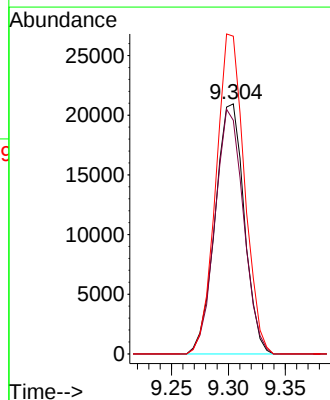
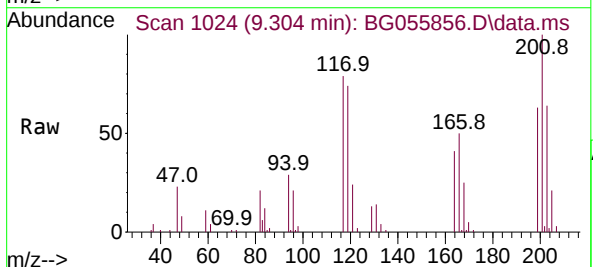
Manual Integrations
APPROVED

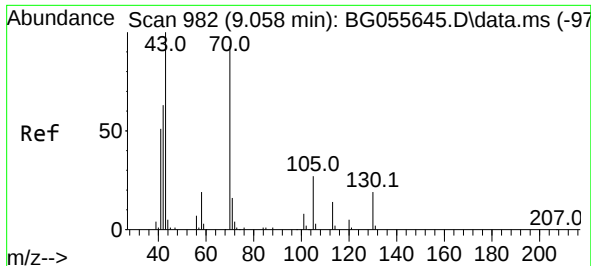
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#18
Hexachloroethane
Concen: 40.359 ng
RT: 9.304 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

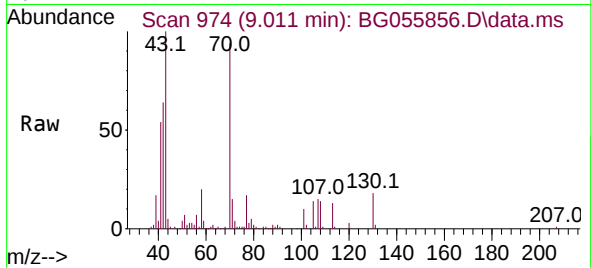
Tgt Ion:	117	Resp:	37143
Ion Ratio	Lower	Upper	
117	100		
119	93.5	76.0	114.0
201	127.1	98.6	148.0





#19
n-Nitroso-di-n-propylamine
Concen: 42.256 ng
RT: 9.011 min Scan# 911
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

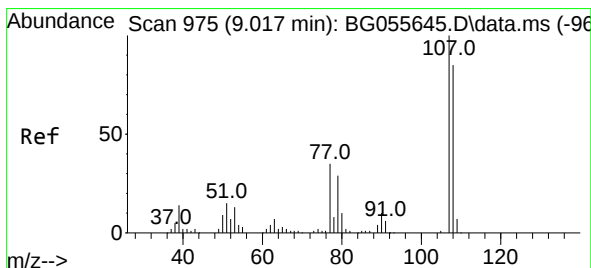
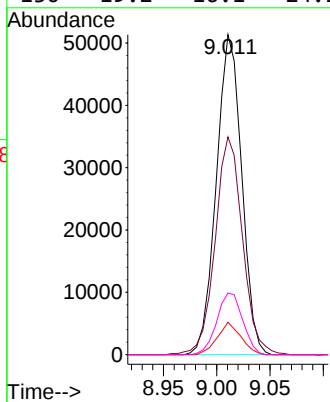
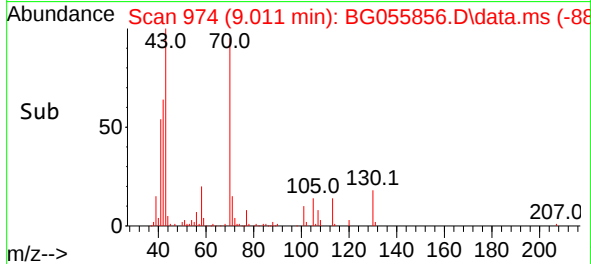
Instrument :
BNA_G
ClientSampleId :
PB149346BS



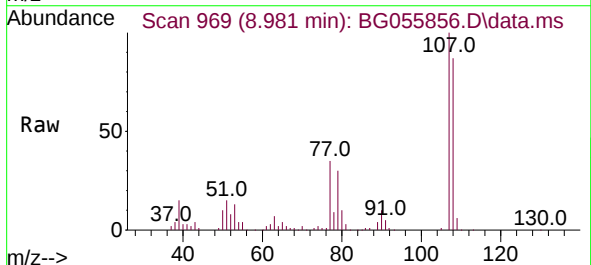
Tgt Ion: 70 Resp: 8508
Ion Ratio Lower Upper
70 100
42 68.0 55.2 82.8
101 10.1 7.1 10.7
130 19.2 16.1 24.1

Manual Integrations
APPROVED

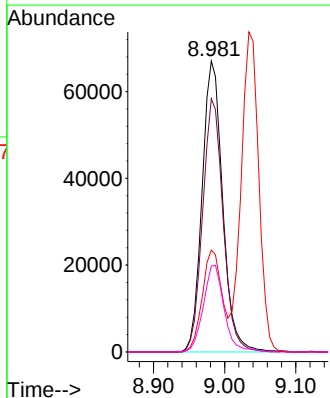
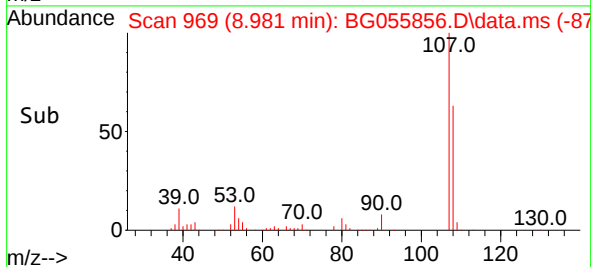
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

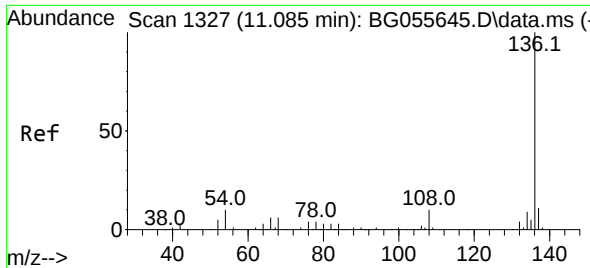


#20
3+4-Methylphenols
Concen: 46.096 ng
RT: 8.981 min Scan# 969
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30



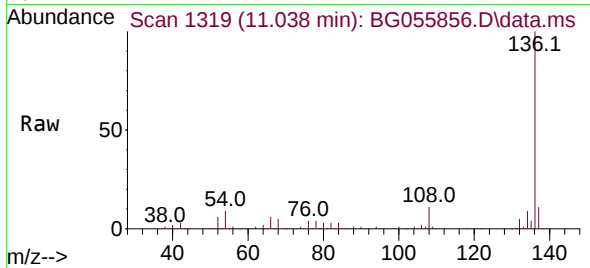
Tgt Ion:107 Resp: 134152
Ion Ratio Lower Upper
107 100
108 87.1 65.5 105.5
77 35.0 14.6 54.6
79 29.5 9.4 49.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.038 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

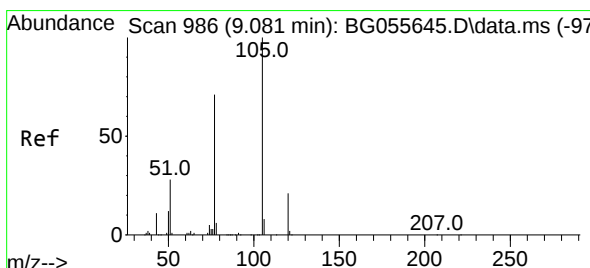
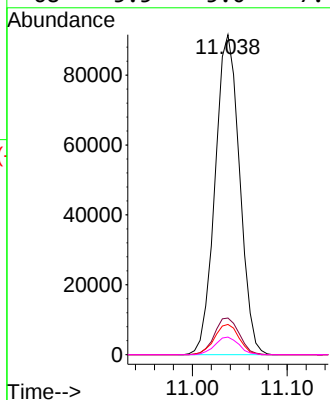
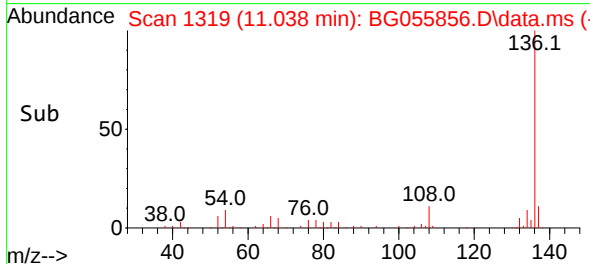
Instrument :
BNA_G
ClientSampleId :
PB149346BS



Tgt Ion:136 Resp: 164375
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.4 7.8 11.6
68 5.5 5.0 7.4

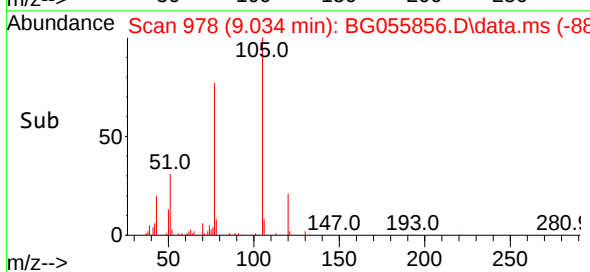
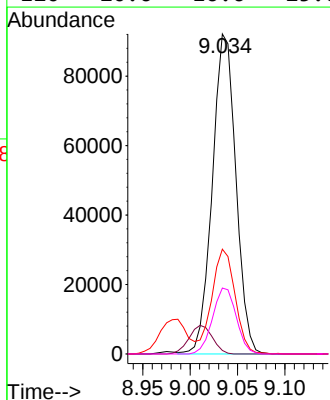
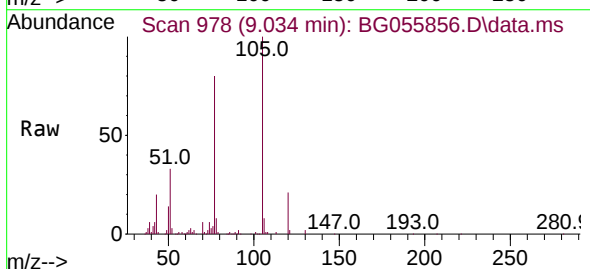
Manual Integrations
APPROVED

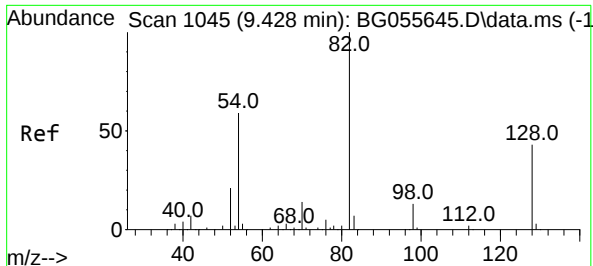
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#22
Acetophenone
Concen: 37.283 ng
RT: 9.034 min Scan# 978
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Tgt Ion:105 Resp: 159246
Ion Ratio Lower Upper
105 100
71 1.1 0.6 1.0#
51 32.7 24.5 36.7
120 20.6 16.6 25.0





#23

Nitrobenzene-d5

Concen: 72.297 ng

RT: 9.387 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BG055856.D

Acq: 1 Dec 2022 14:30

Instrument :

BNA_G

ClientSampleId :

PB149346BS

Tgt Ion: 82 Resp: 224840

Ion Ratio Lower Upper

82 100

128 42.1 34.1 51.1

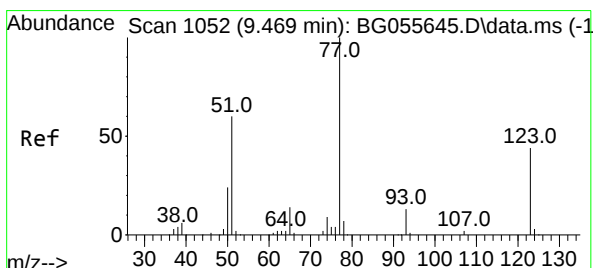
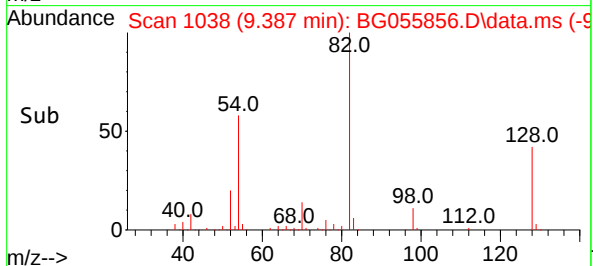
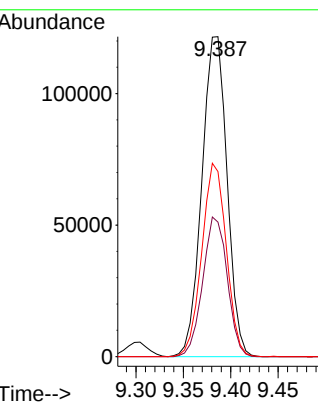
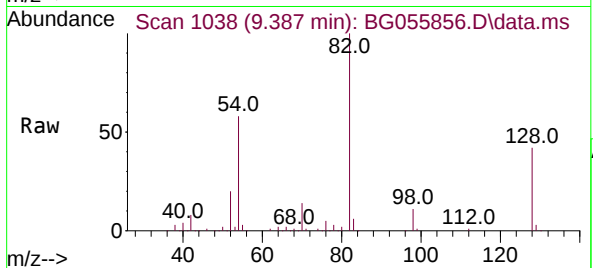
54 57.8 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022

Supervised By :Jagrut Upadhyay 12/02/2022



#24

Nitrobenzene

Concen: 36.740 ng

RT: 9.428 min Scan# 1045

Delta R.T. 0.000 min

Lab File: BG055856.D

Acq: 1 Dec 2022 14:30

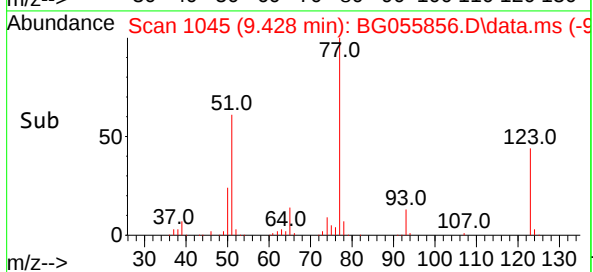
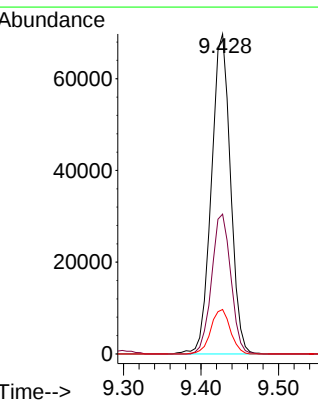
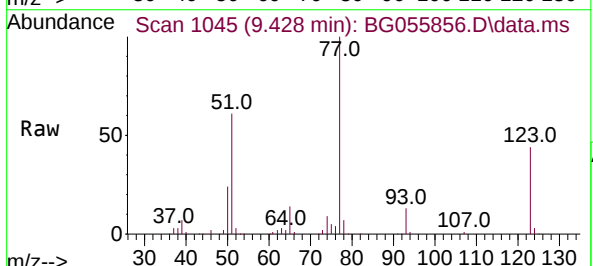
Tgt Ion: 77 Resp: 119347

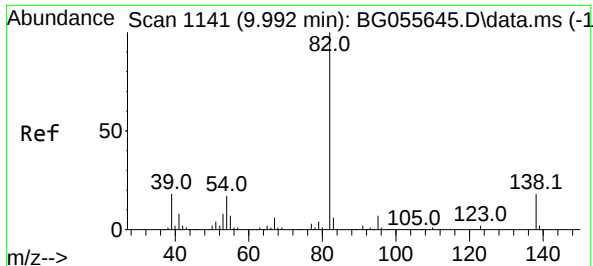
Ion Ratio Lower Upper

77 100

123 43.7 35.5 53.3

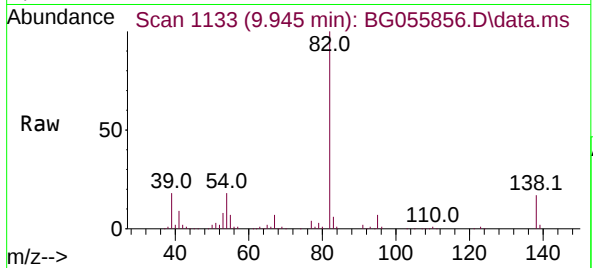
65 13.9 11.5 17.3





#25
Isophorone
Concen: 40.284 ng
RT: 9.945 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

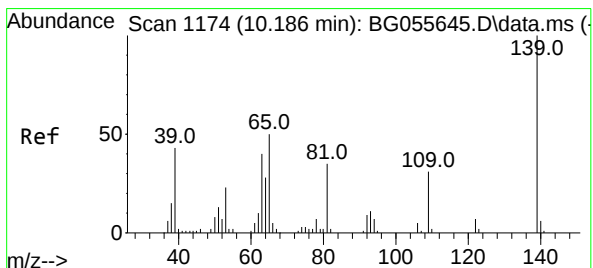
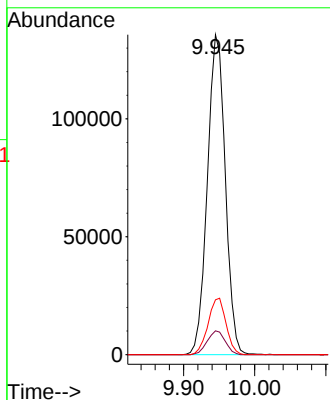
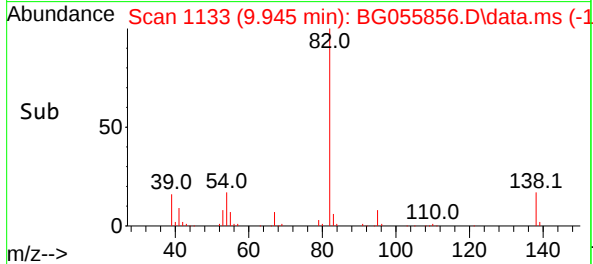
Instrument :
BNA_G
ClientSampleId :
PB149346BS



Tgt Ion: 82 Resp: 237376
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 17.1 14.2 21.4

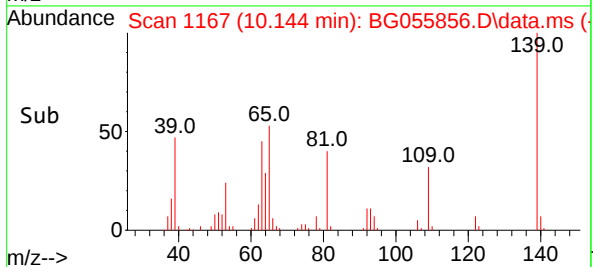
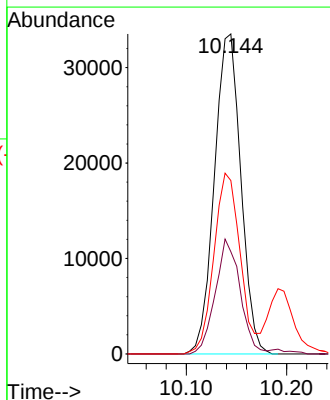
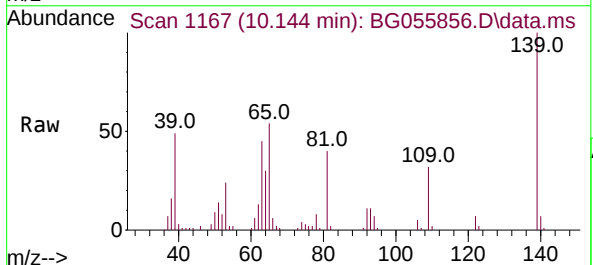
Manual Integrations
APPROVED

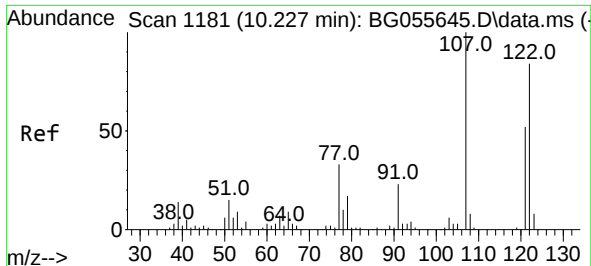
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#26
2-Nitrophenol
Concen: 40.970 ng
RT: 10.144 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Tgt Ion:139 Resp: 61438
Ion Ratio Lower Upper
139 100
109 31.9 24.4 36.6
65 54.2 40.2 60.2





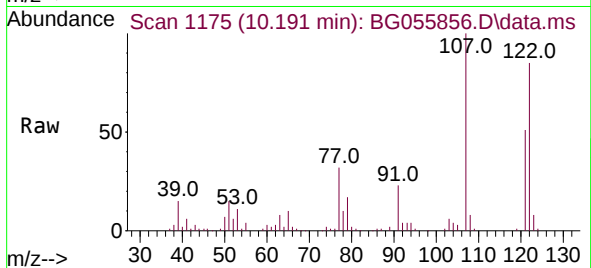
#27
2,4-Dimethylphenol
Concen: 48.039 ng m
RT: 10.191 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Instrument :

BNA_G

ClientSampleId :

PB149346BS

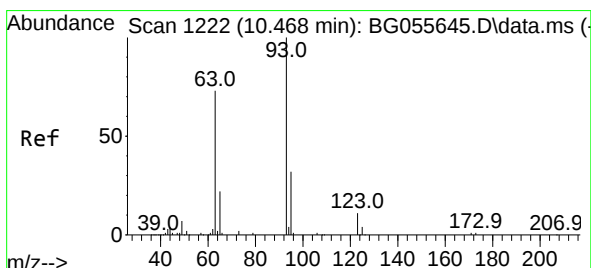
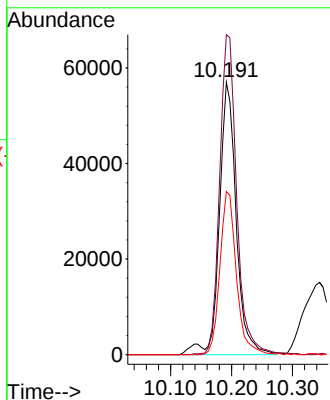
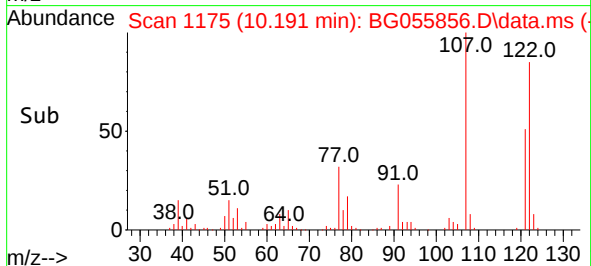


Tgt Ion:122 Resp: 109639
Ion Ratio Lower Upper
122 100
107 117.5 95.8 143.6
121 59.9 49.6 74.4

Manual Integrations

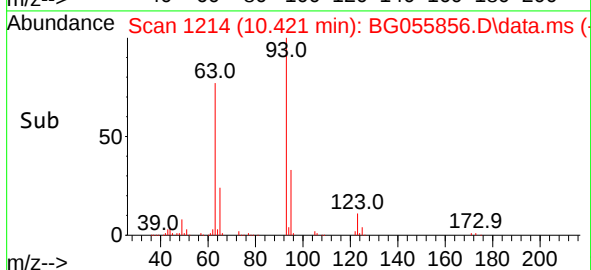
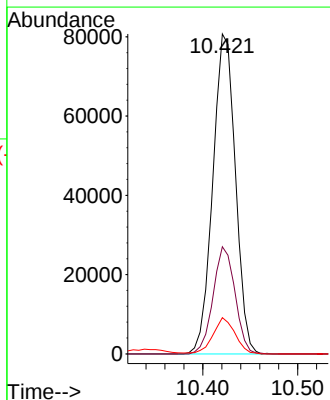
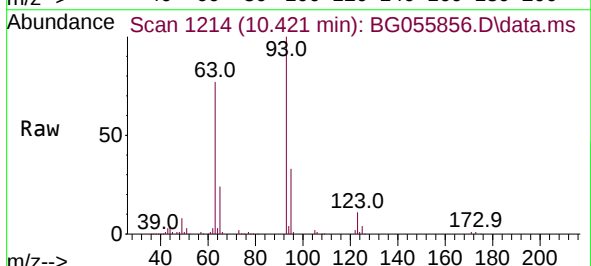
APPROVED

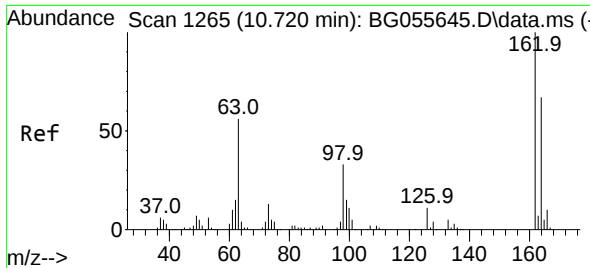
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#28
bis(2-Chloroethoxy)methane
Concen: 42.218 ng
RT: 10.421 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

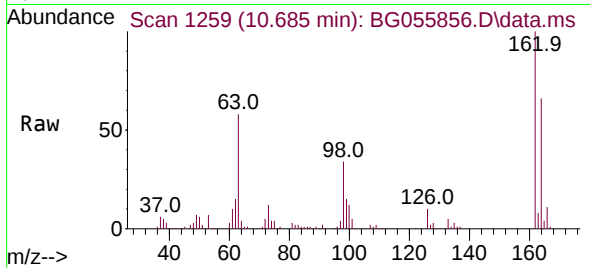
Tgt Ion: 93 Resp: 133550
Ion Ratio Lower Upper
93 100
95 33.5 25.7 38.5
123 11.3 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 42.527 ng
RT: 10.685 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

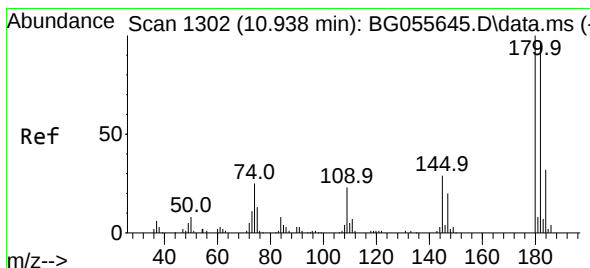
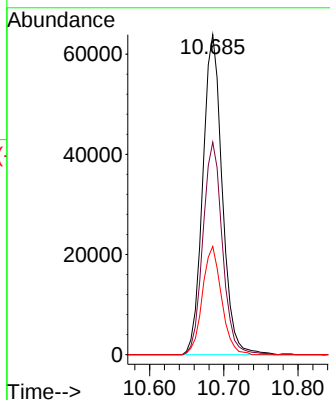
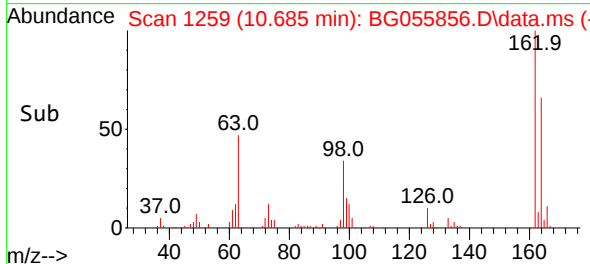
Instrument :
BNA_G
ClientSampleId :
PB149346BS



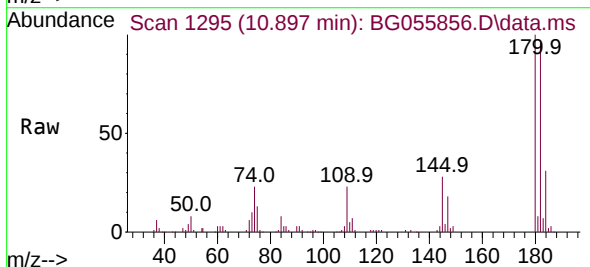
Tgt Ion:162 Resp: 116172
Ion Ratio Lower Upper
162 100
164 66.4 46.7 86.7
98 33.8 12.8 52.8

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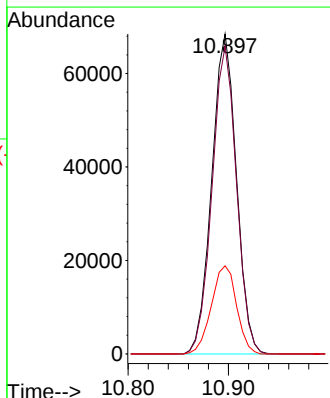
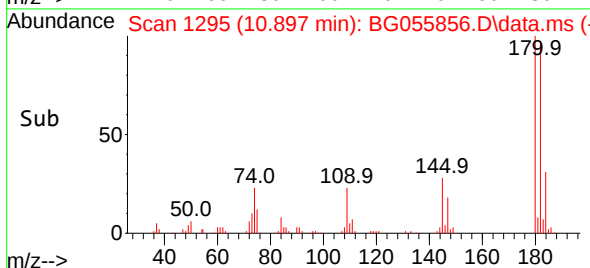
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

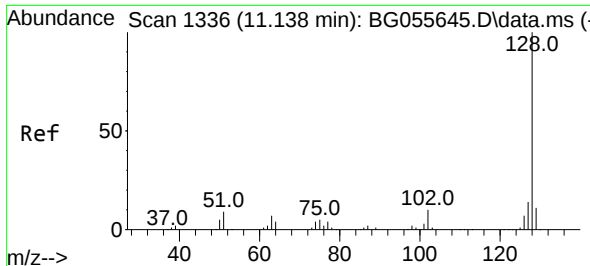


#30
1,2,4-Trichlorobenzene
Concen: 36.853 ng
RT: 10.897 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30



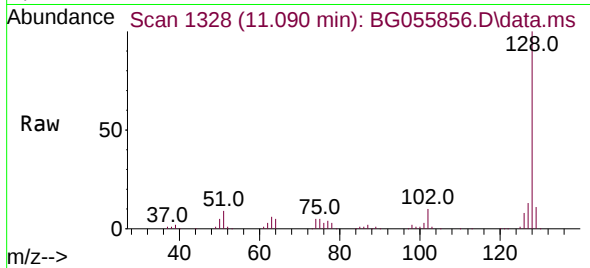
Tgt Ion:180 Resp: 116957
Ion Ratio Lower Upper
180 100
182 96.1 77.1 115.7
145 27.5 22.9 34.3





#31
Naphthalene
Concen: 36.330 ng
RT: 11.090 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

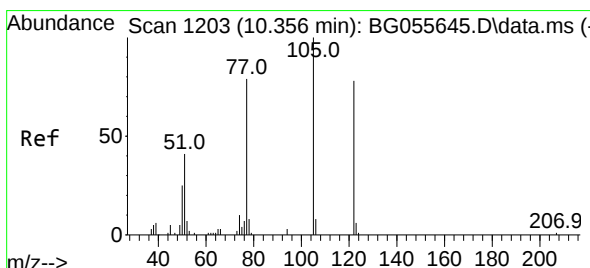
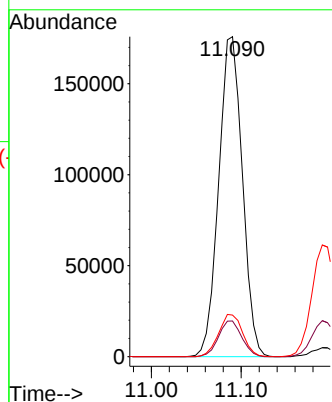
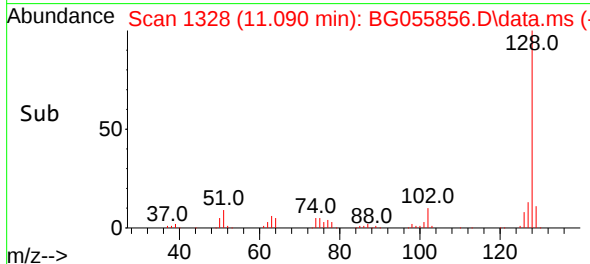
Instrument :
BNA_G
ClientSampleId :
PB149346BS



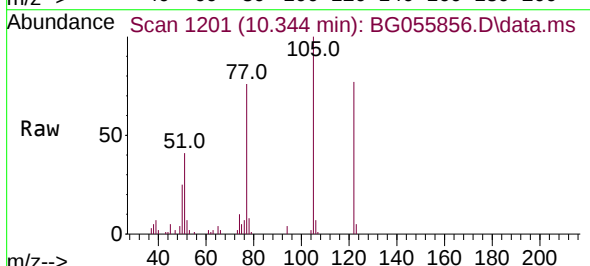
Tgt Ion:128 Resp: 322820
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.0 10.9 16.3

Manual Integrations
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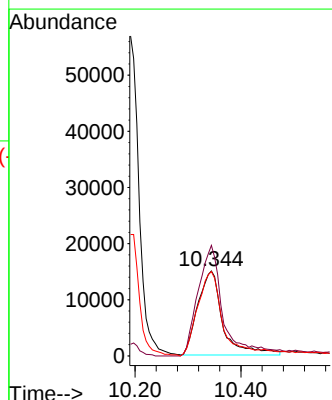
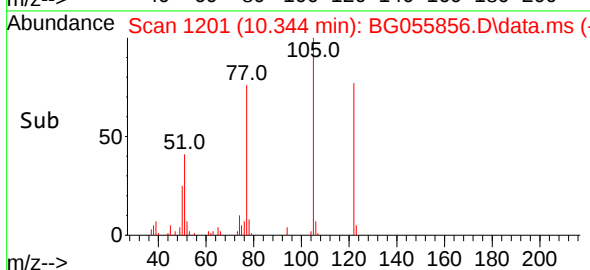
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

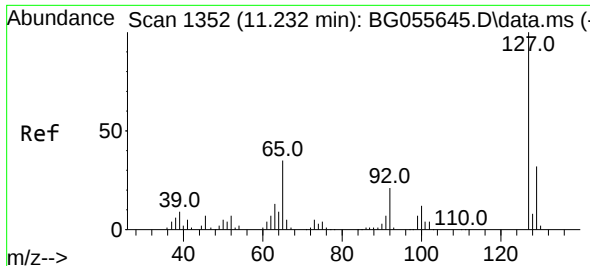


#32
Benzoic acid
Concen: 26.304 ng m
RT: 10.344 min Scan# 1201
Delta R.T. 0.012 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30



Tgt Ion:122 Resp: 49392
Ion Ratio Lower Upper
122 100
105 130.3 104.3 144.3
77 99.5 79.9 119.9





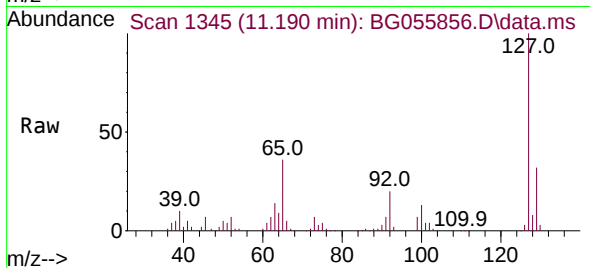
#33
4-Chloroaniline
Concen: 32.191 ng
RT: 11.190 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Instrument :

BNA_G

ClientSampleId :

PB149346BS

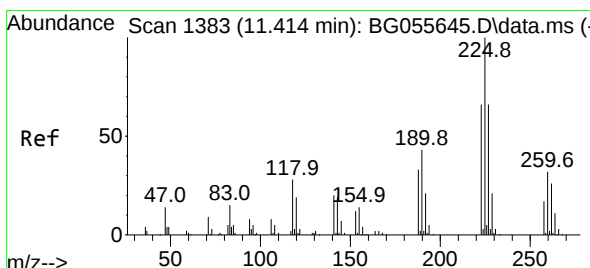
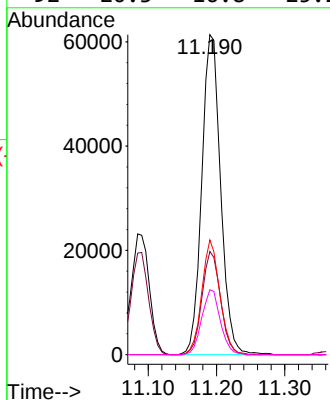
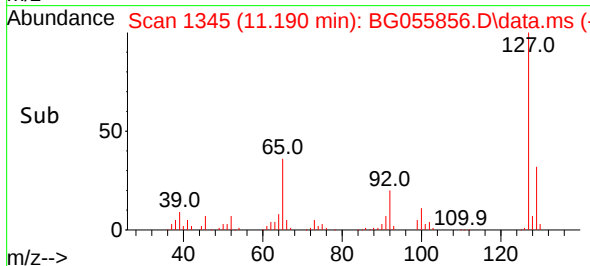


Tgt Ion:127 Resp: 117998
Ion Ratio Lower Upper
127 100
129 32.2 25.9 38.9
65 35.8 27.9 41.9
92 20.3 16.8 25.2

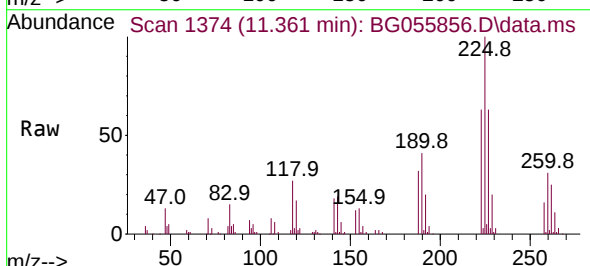
Manual Integrations

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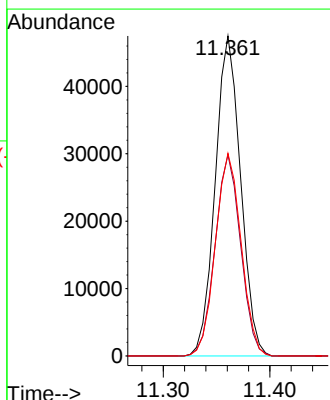
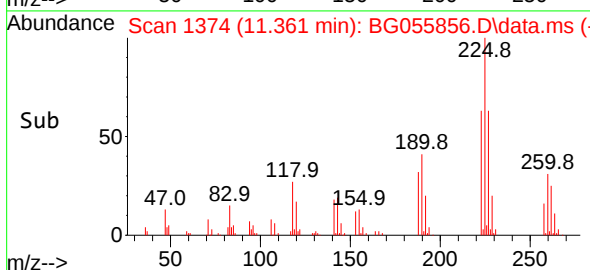
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

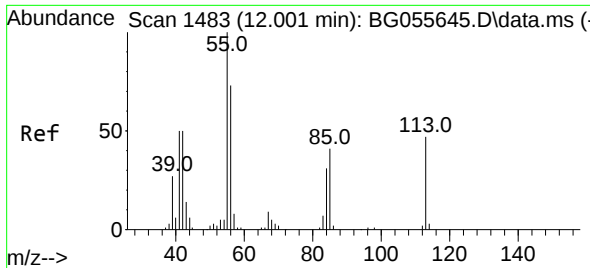


#34
Hexachlorobutadiene
Concen: 36.313 ng
RT: 11.361 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30



Tgt Ion:225 Resp: 78692
Ion Ratio Lower Upper
225 100
223 62.8 52.9 79.3
227 63.3 52.6 79.0





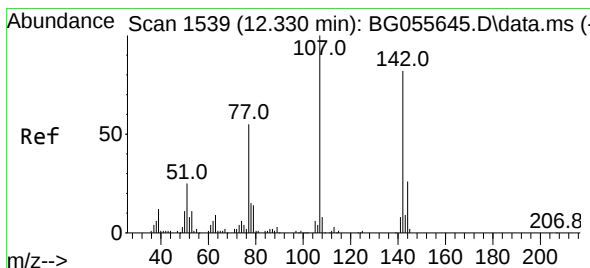
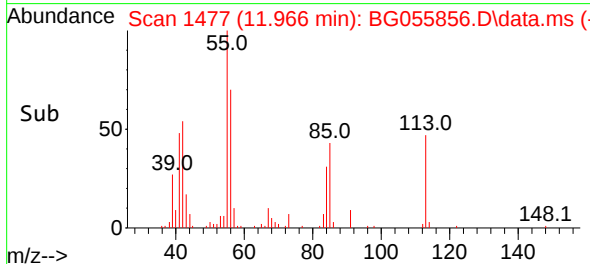
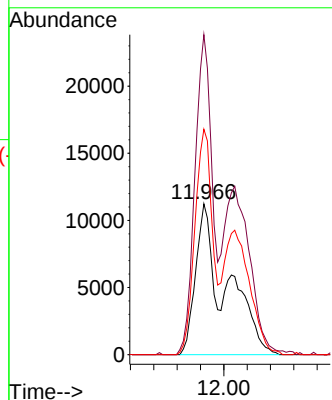
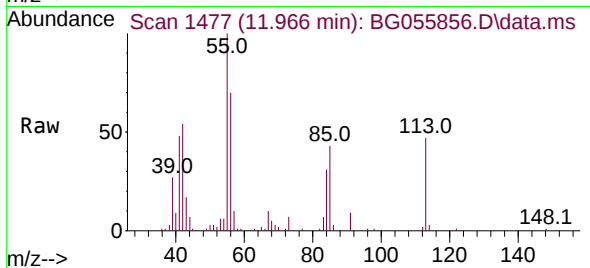
#35
Caprolactam
Concen: 42.433 ng m
RT: 11.966 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Instrument :
BNA_G
ClientSampleId :
PB149346BS

Tgt Ion:113 Resp: 40113
Ion Ratio Lower Upper
113 100
55 212.3 193.5 233.5
56 149.5 135.2 175.2

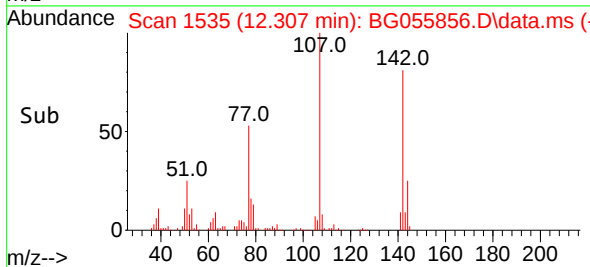
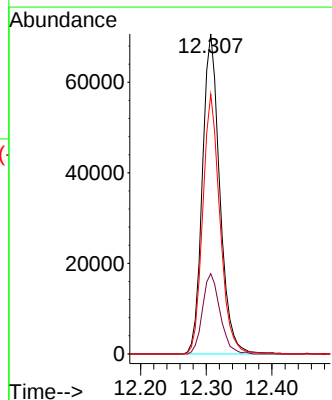
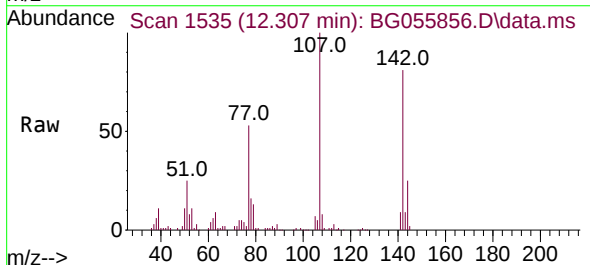
Manual Integrations
APPROVED

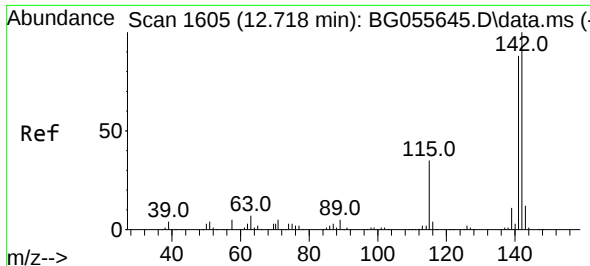
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#36
4-Chloro-3-methylphenol
Concen: 43.179 ng
RT: 12.307 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

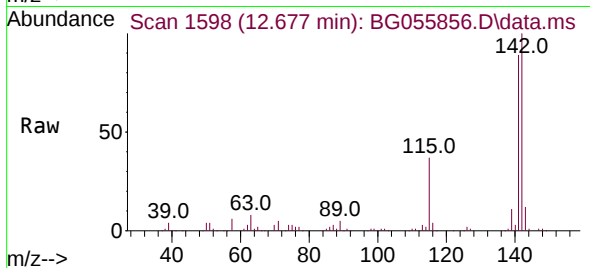
Tgt Ion:107 Resp: 129641
Ion Ratio Lower Upper
107 100
144 25.1 21.0 31.4
142 81.2 65.9 98.9





#37
2-Methylnaphthalene
Concen: 37.821 ng
RT: 12.677 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

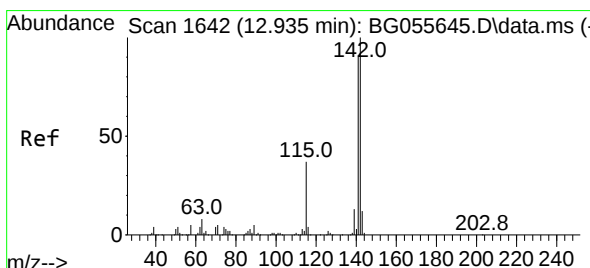
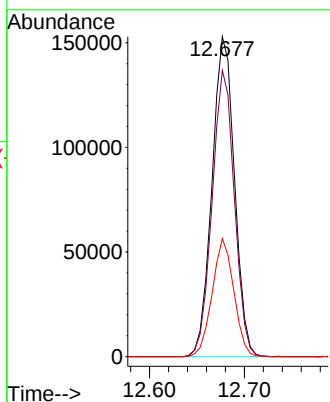
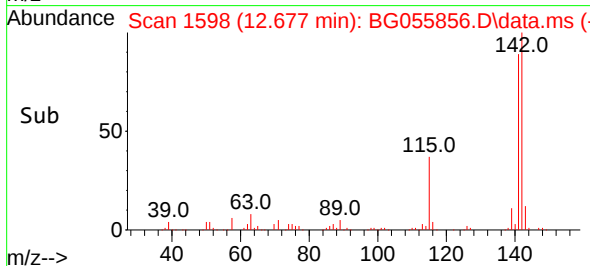
Instrument :
BNA_G
ClientSampleId :
PB149346BS



Tgt Ion:142 Resp: 251634
Ion Ratio Lower Upper
142 100
141 89.4 70.3 105.5
115 36.9 27.9 41.9

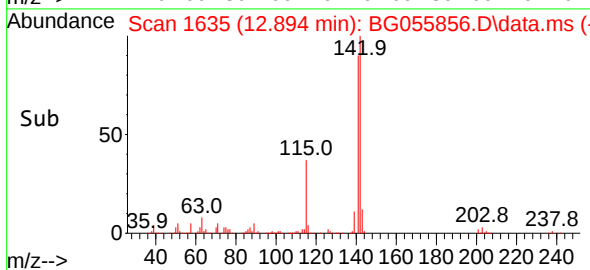
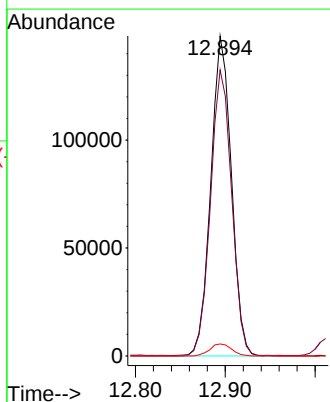
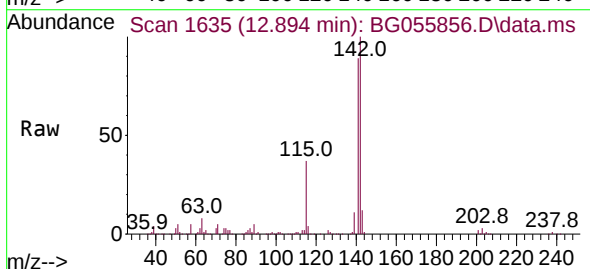
Manual Integrations
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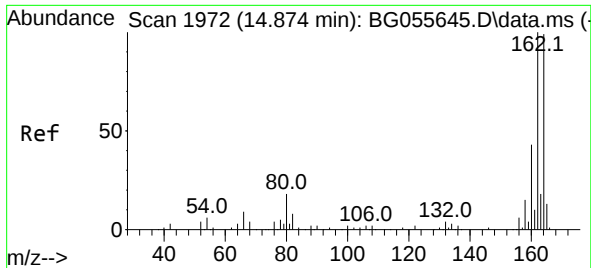
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#38
1-Methylnaphthalene
Concen: 36.601 ng
RT: 12.894 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Tgt Ion:142 Resp: 236403
Ion Ratio Lower Upper
142 100
141 89.4 73.0 109.4
116 3.7 3.1 4.7





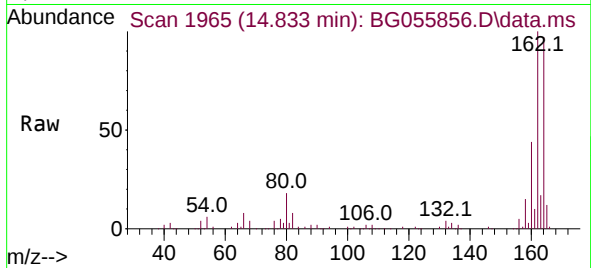
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.833 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Instrument :

BNA_G

ClientSampleId :

PB149346BS

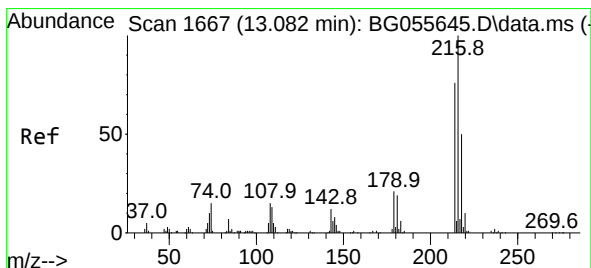
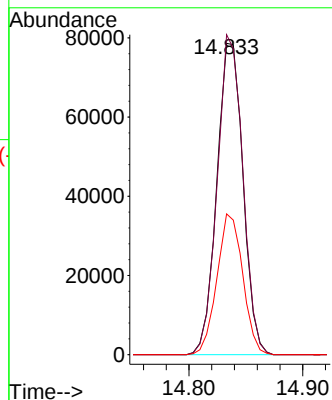
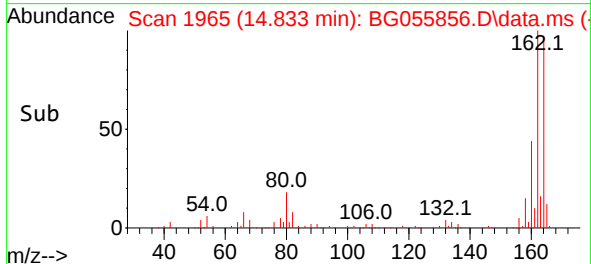


Tgt Ion:164 Resp: 125998
Ion Ratio Lower Upper
164 100
162 102.8 81.1 121.7
160 45.2 34.8 52.2

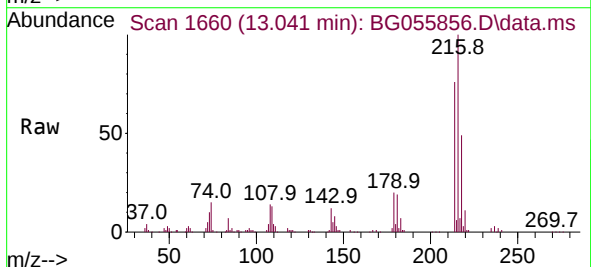
Manual Integrations

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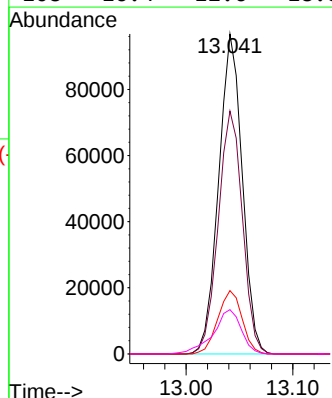
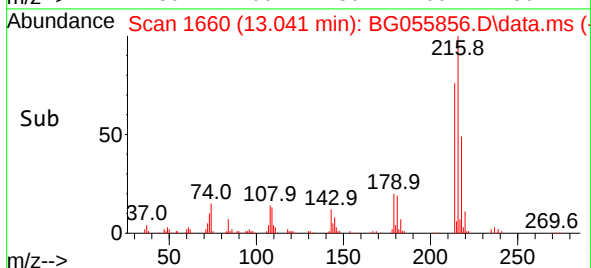
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.609 ng
RT: 13.041 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30



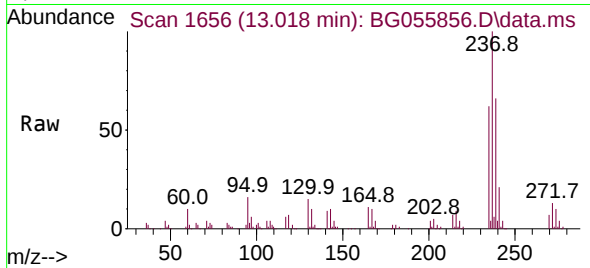
Tgt Ion:216 Resp: 148913
Ion Ratio Lower Upper
216 100
214 77.8 62.1 93.1
179 20.3 16.5 24.7
108 16.4 12.6 18.8





#41
Hexachlorocyclopentadiene
Concen: 63.079 ng
RT: 13.018 min Scan# 1656
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

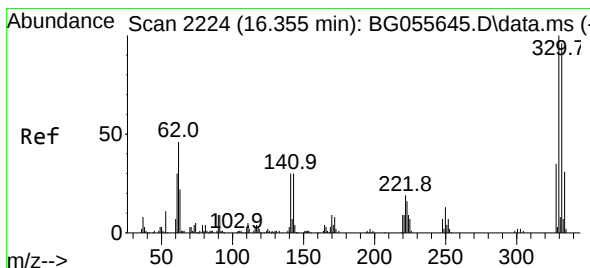
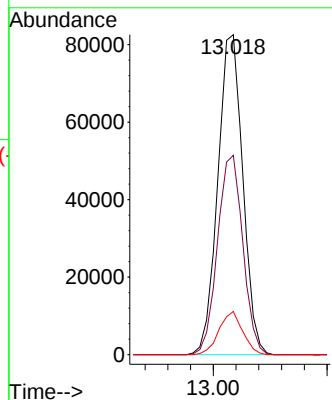
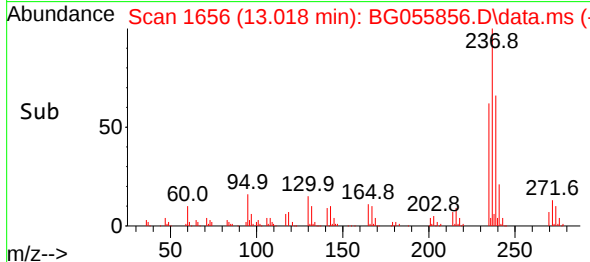
Instrument :
BNA_G
ClientSampleId :
PB149346BS



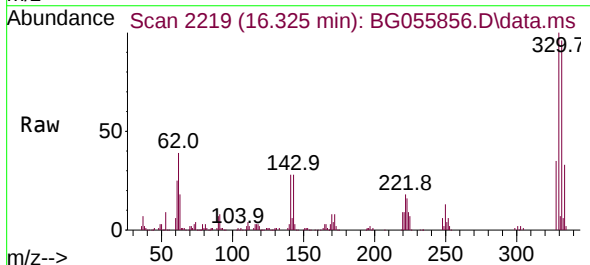
Tgt Ion:237 Resp: 125883
Ion Ratio Lower Upper
237 100
235 62.3 43.7 83.7
272 13.5 0.0 33.6

Manual Integrations
APPROVED

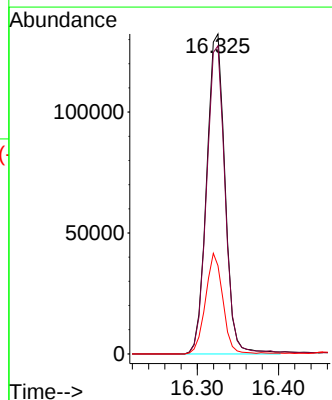
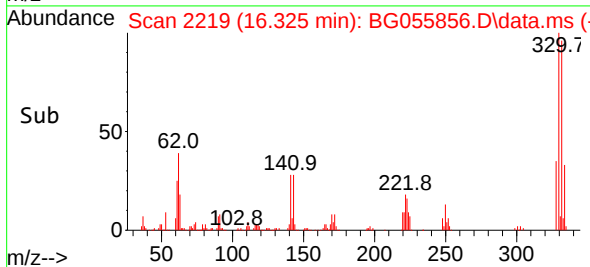
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

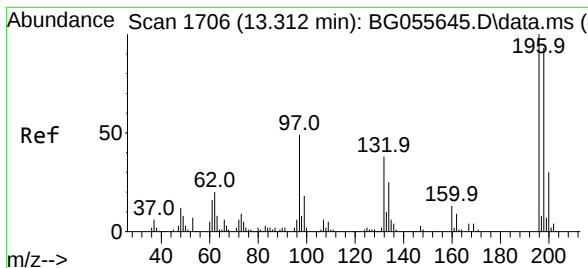


#42
2,4,6-Tribromophenol
Concen: 117.726 ng
RT: 16.325 min Scan# 2219
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30



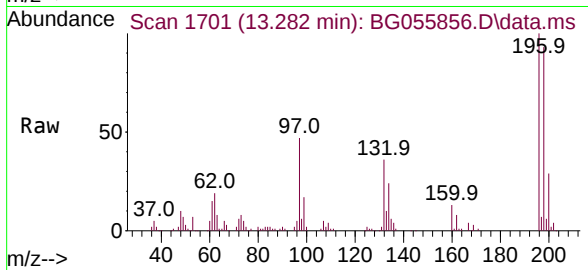
Tgt Ion:330 Resp: 208871
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 29.4 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 37.461 ng
RT: 13.282 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

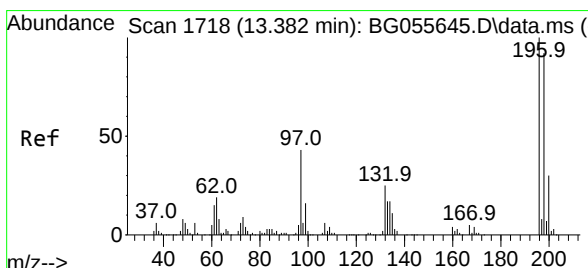
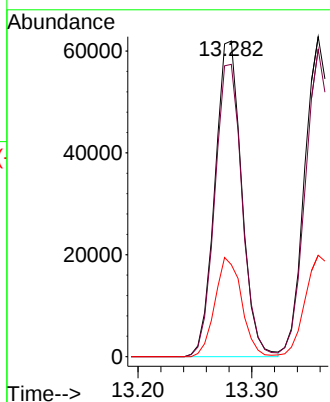
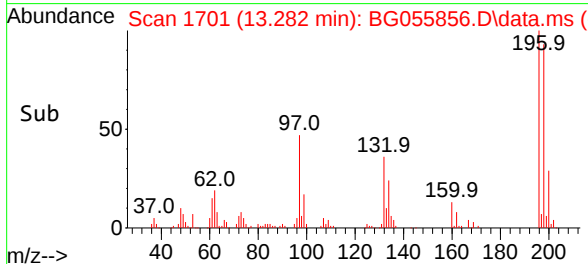
Instrument :
BNA_G
ClientSampleId :
PB149346BS



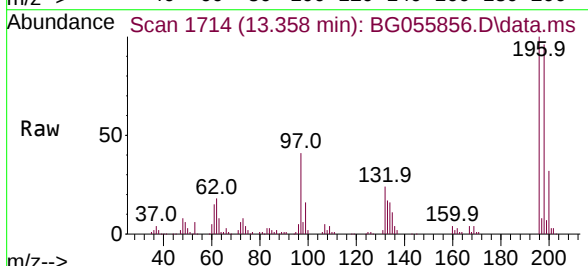
Tgt Ion:196 Resp: 101180
Ion Ratio Lower Upper
196 100
198 92.6 74.6 112.0
200 29.1 23.7 35.5

Manual Integrations
APPROVED

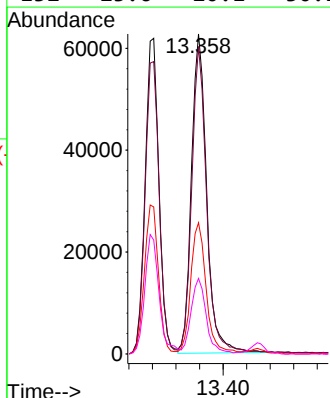
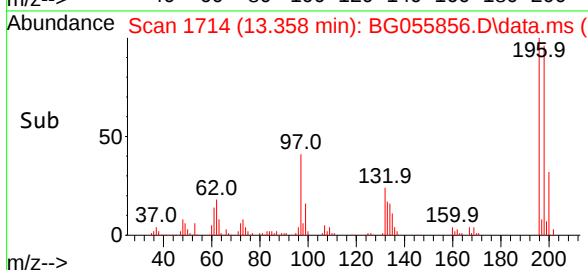
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

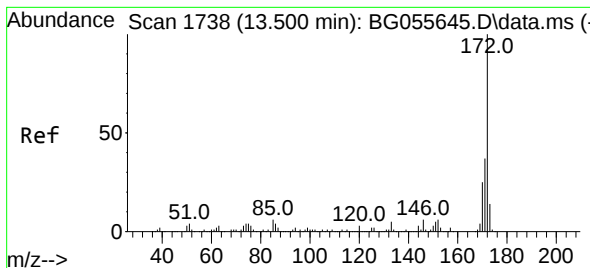


#44
2,4,5-Trichlorophenol
Concen: 37.914 ng
RT: 13.358 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30



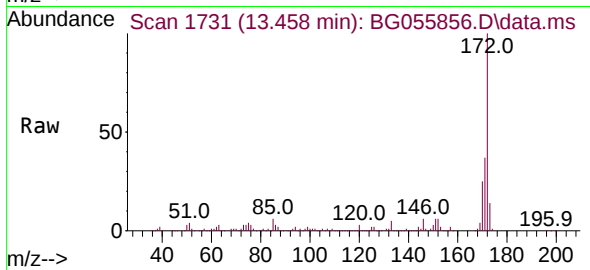
Tgt Ion:196 Resp: 112535
Ion Ratio Lower Upper
196 100
198 96.0 74.1 111.1
97 41.0 34.8 52.2
132 23.6 20.1 30.1





#45
2-Fluorobiphenyl
Concen: 70.693 ng
RT: 13.458 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

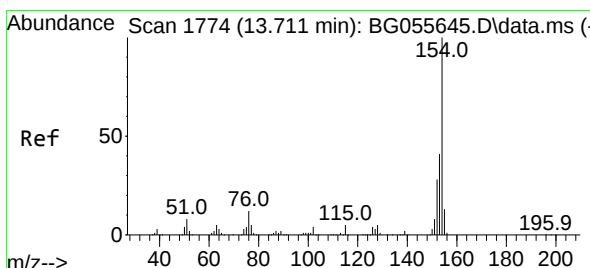
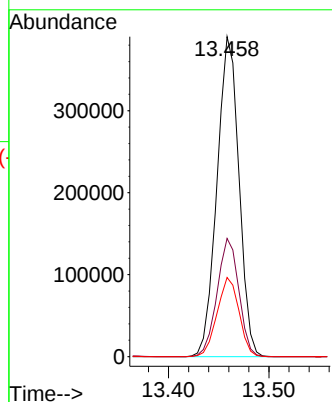
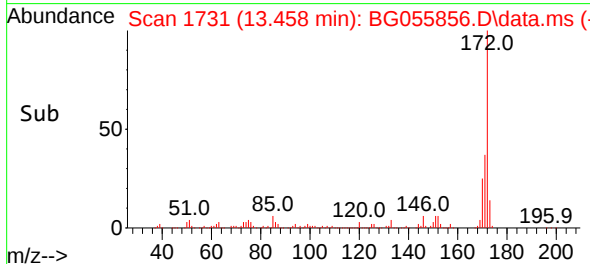
Instrument :
BNA_G
ClientSampleId :
PB149346BS



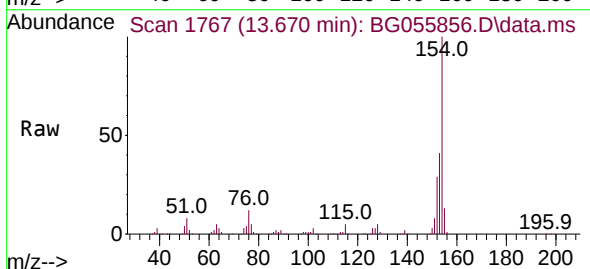
Tgt Ion:172 Resp: 594556
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.6
170 24.7 20.2 30.4

Manual Integrations
APPROVED

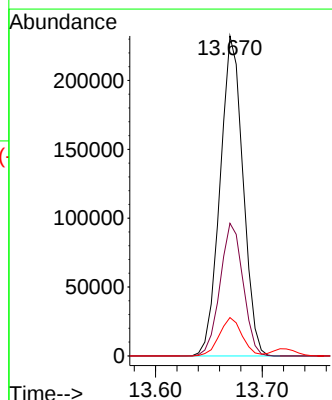
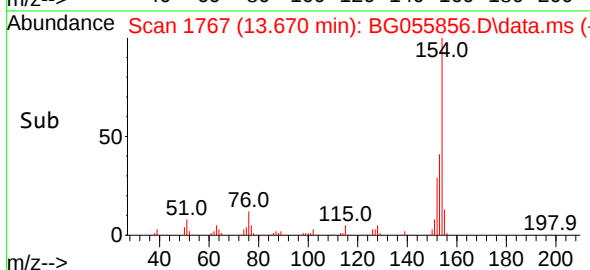
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

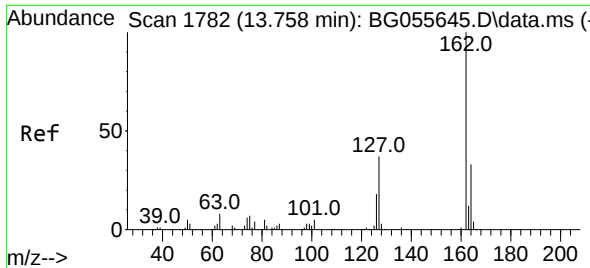


#46
1,1'-Biphenyl
Concen: 37.782 ng
RT: 13.670 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30



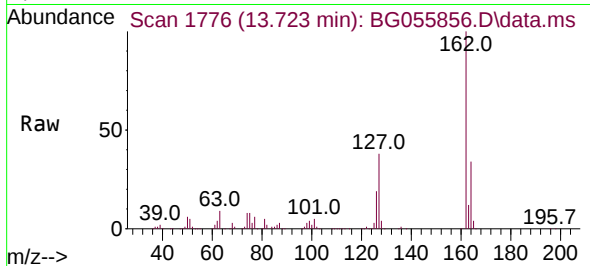
Tgt Ion:154 Resp: 346899
Ion Ratio Lower Upper
154 100
153 41.4 20.6 60.6
76 12.0 0.0 32.4





#47
2-Chloronaphthalene
Concen: 36.690 ng
RT: 13.723 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

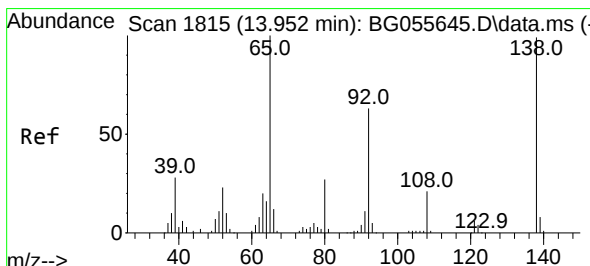
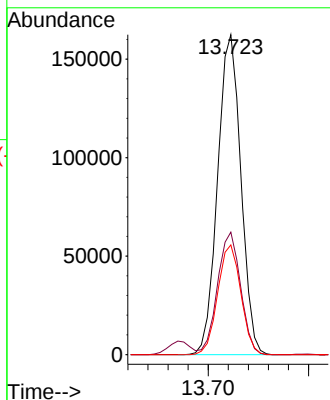
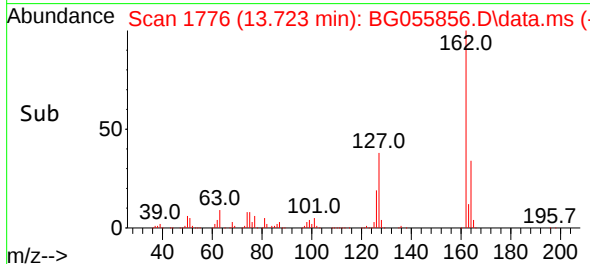
Instrument :
BNA_G
ClientSampleId :
PB149346BS



Tgt Ion:162 Resp: 26184
Ion Ratio Lower Upper
162 100
127 38.3 29.9 44.9
164 34.3 26.4 39.6

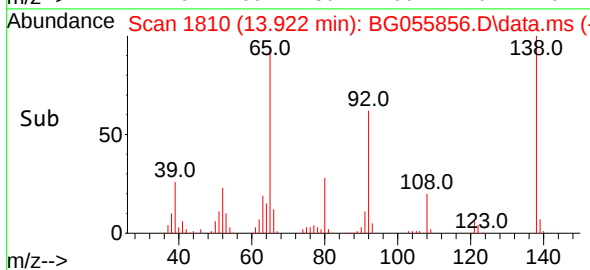
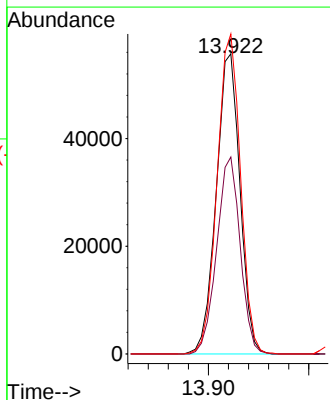
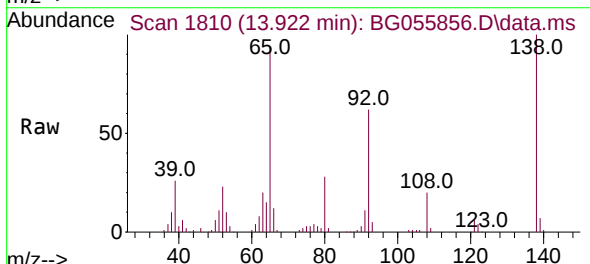
Manual Integrations
APPROVED

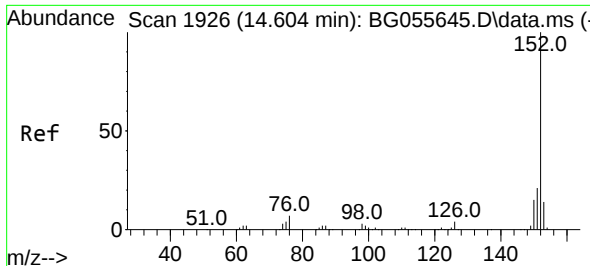
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#48
2-Nitroaniline
Concen: 39.020 ng
RT: 13.922 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

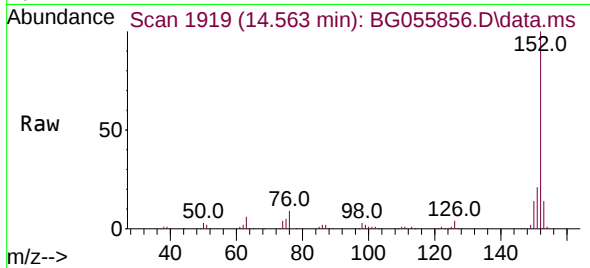
Tgt Ion: 65 Resp: 91554
Ion Ratio Lower Upper
65 100
92 65.6 50.1 75.1
138 106.6 79.4 119.0





#49
Acenaphthylene
Concen: 37.023 ng
RT: 14.563 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

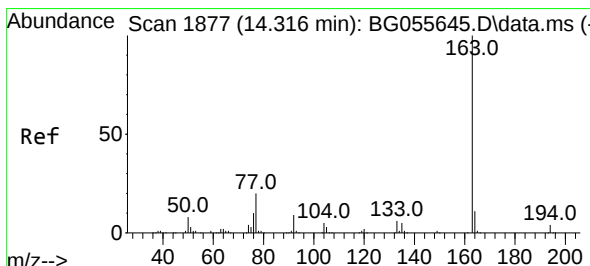
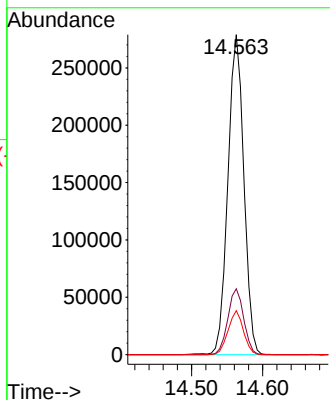
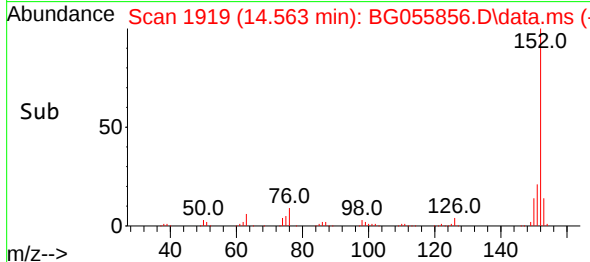
Instrument :
BNA_G
ClientSampleId :
PB149346BS



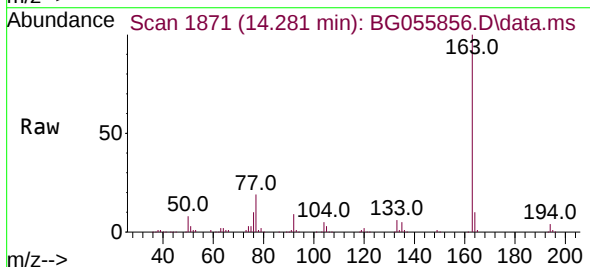
Tgt Ion:152 Resp: 435088
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.7 11.0 16.4

Manual Integrations
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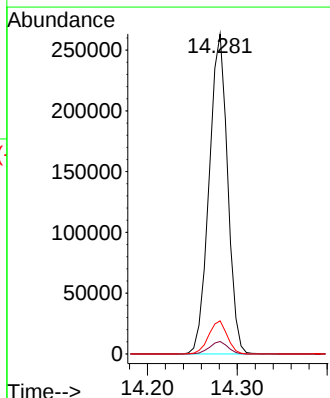
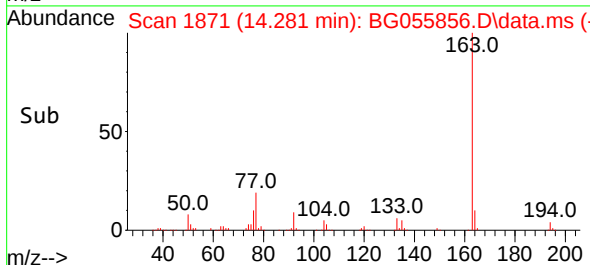
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

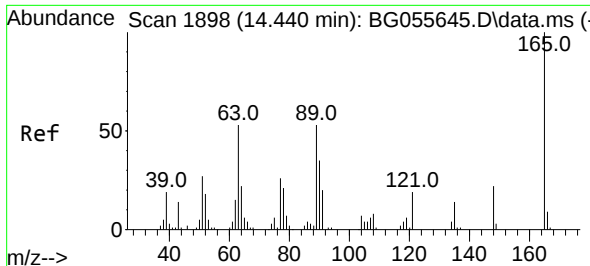


#50
Dimethylphthalate
Concen: 37.539 ng
RT: 14.281 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30



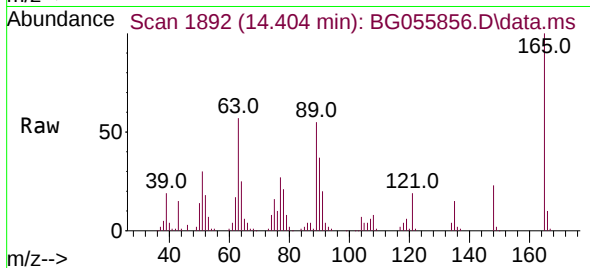
Tgt Ion:163 Resp: 377042
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.3 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 39.940 ng
RT: 14.404 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

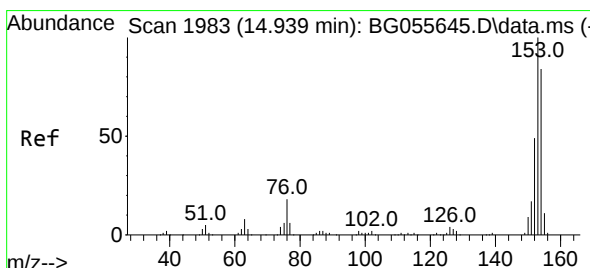
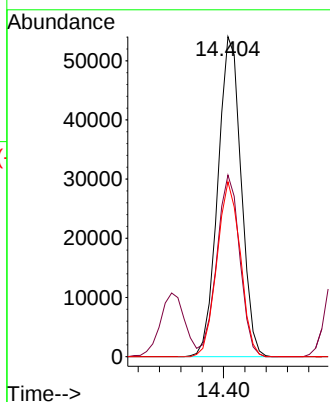
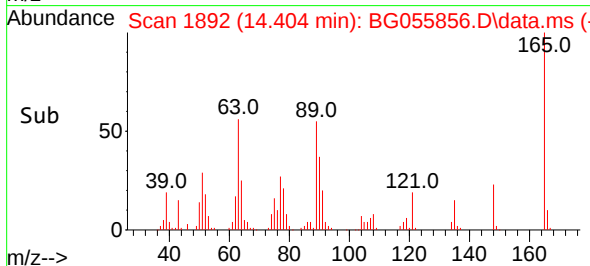
Instrument :
BNA_G
ClientSampleId :
PB149346BS



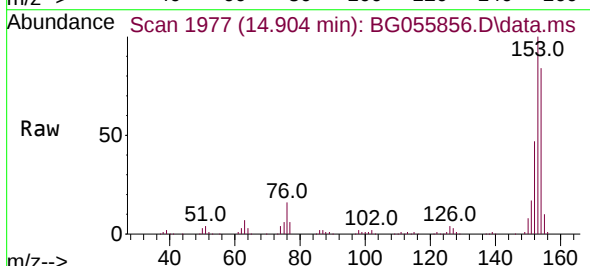
Tgt Ion:165 Resp: 82024
Ion Ratio Lower Upper
165 100
63 56.7 44.6 66.8
89 54.6 42.2 63.4

Manual Integrations
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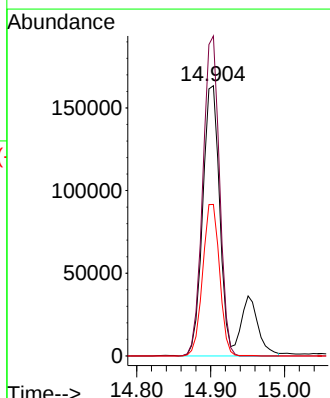
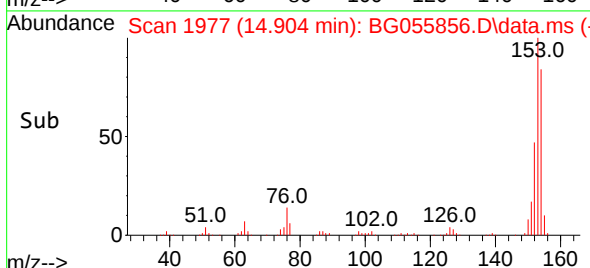
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

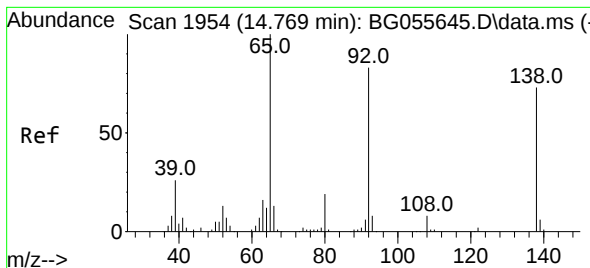


#52
Acenaphthene
Concen: 41.099 ng m
RT: 14.904 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30



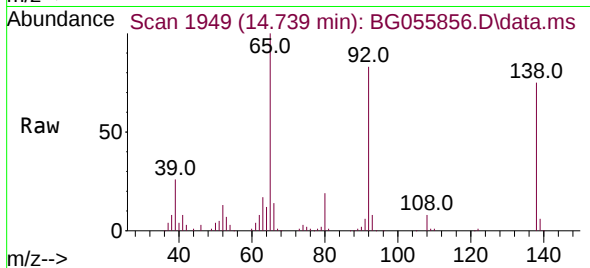
Tgt Ion:154 Resp: 315666
Ion Ratio Lower Upper
154 100
153 118.4 95.0 142.4
152 56.0 46.1 69.1





#53
3-Nitroaniline
Concen: 30.774 ng
RT: 14.739 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

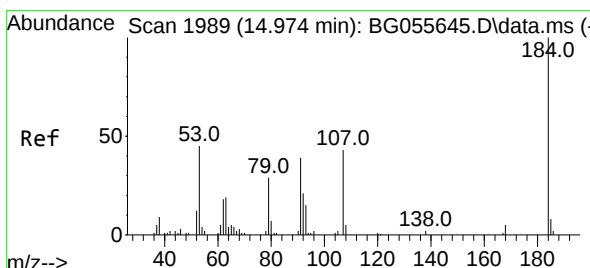
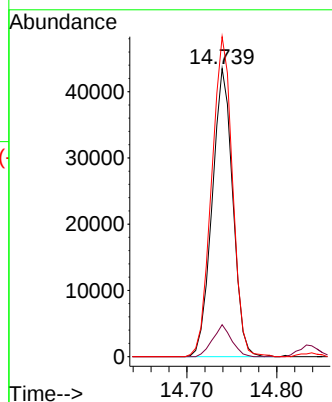
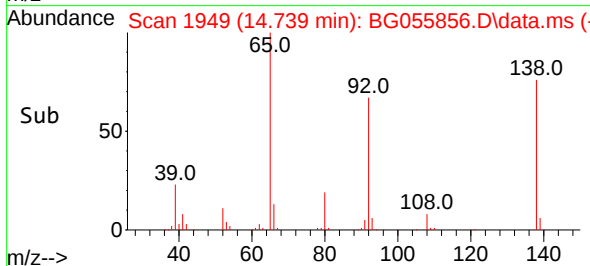
Instrument :
BNA_G
ClientSampleId :
PB149346BS



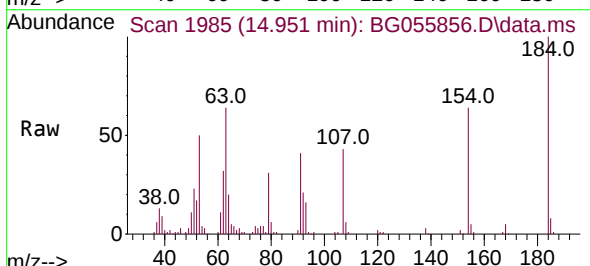
Tgt Ion:138 Resp: 69380
Ion Ratio Lower Upper
138 100
108 11.1 8.5 12.7
92 111.1 91.0 136.6

Manual Integrations
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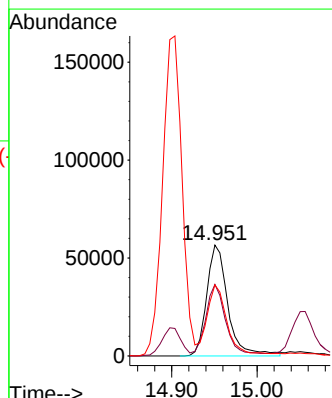
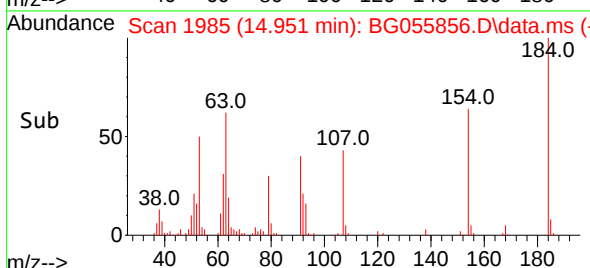
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#54
2,4-Dinitrophenol
Concen: 82.618 ng
RT: 14.951 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30



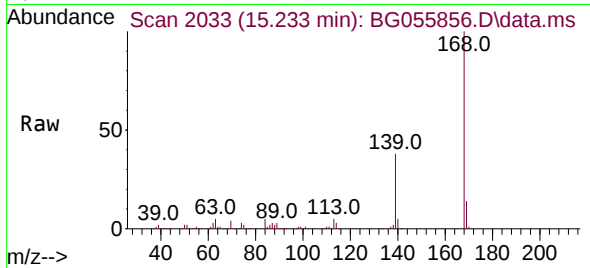
Tgt Ion:184 Resp: 97555
Ion Ratio Lower Upper
184 100
63 64.5 49.5 74.3
154 64.0 52.0 78.0





#55
Dibenzofuran
Concen: 37.080 ng
RT: 15.233 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

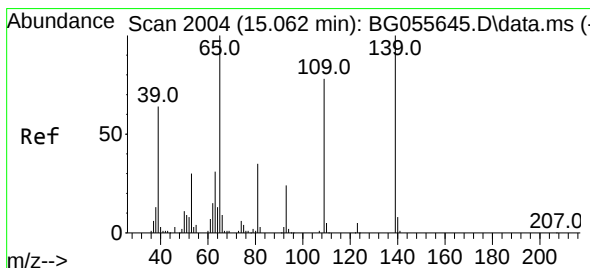
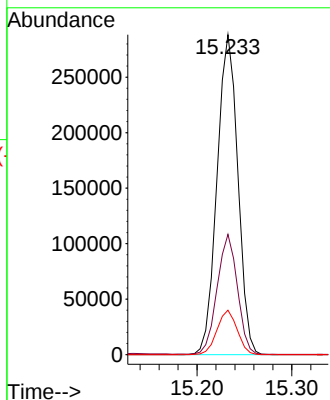
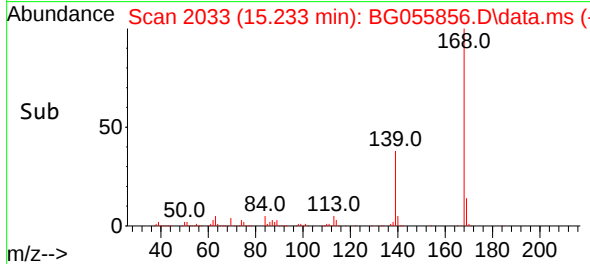
Instrument :
BNA_G
ClientSampleId :
PB149346BS



Tgt Ion:168 Resp: 439352
Ion Ratio Lower Upper
168 100
139 37.6 28.8 43.2
169 13.9 11.0 16.4

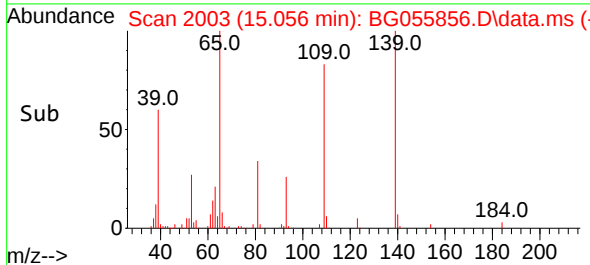
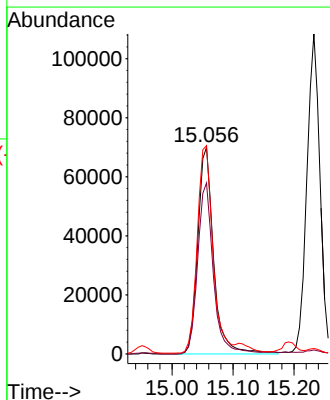
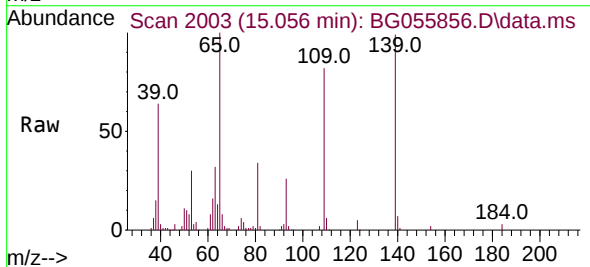
Manual Integrations
APPROVED

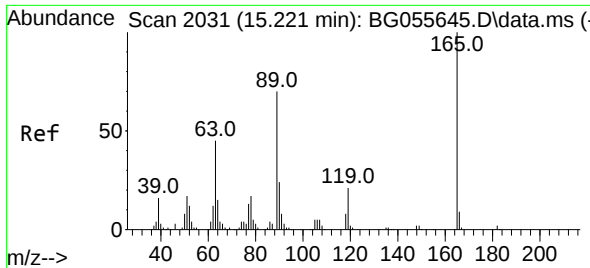
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#56
4-Nitrophenol
Concen: 71.456 ng
RT: 15.056 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Tgt Ion:139 Resp: 126436
Ion Ratio Lower Upper
139 100
109 82.7 58.6 98.6
65 100.7 80.5 120.5





#57
2,4-Dinitrotoluene
Concen: 41.533 ng
RT: 15.191 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Instrument :

BNA_G

ClientSampleId :

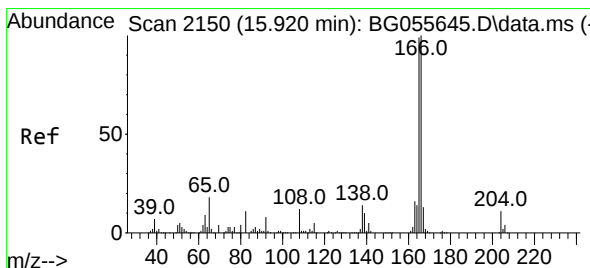
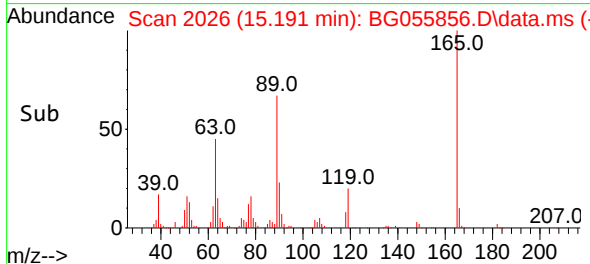
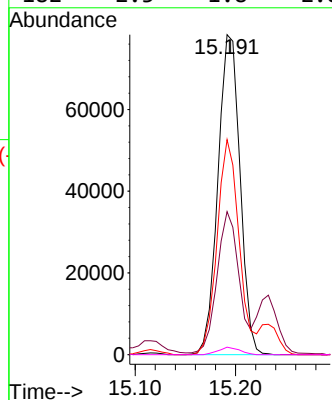
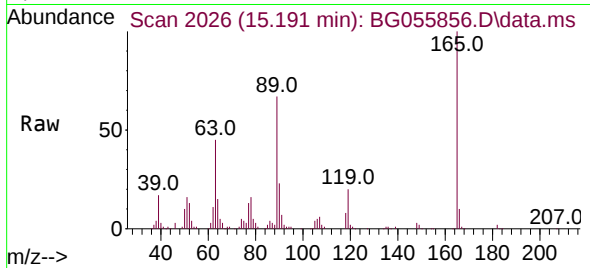
PB149346BS

Tgt Ion:165 Resp: 120258
Ion Ratio Lower Upper
165 100
63 44.7 35.8 53.8
89 67.2 56.2 84.4
182 2.3 1.8 2.8

Manual Integrations

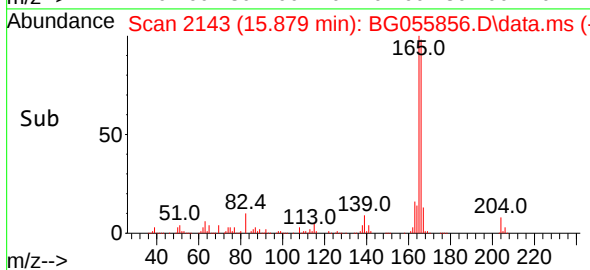
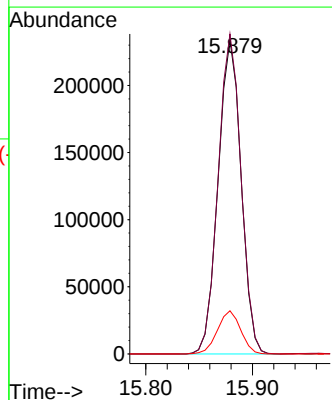
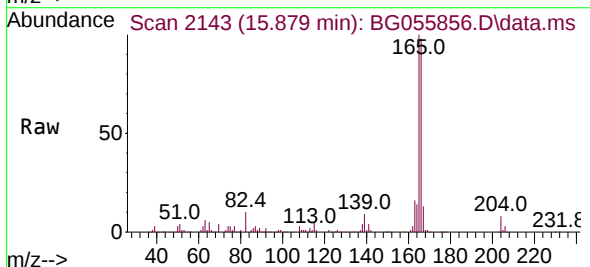
APPROVED

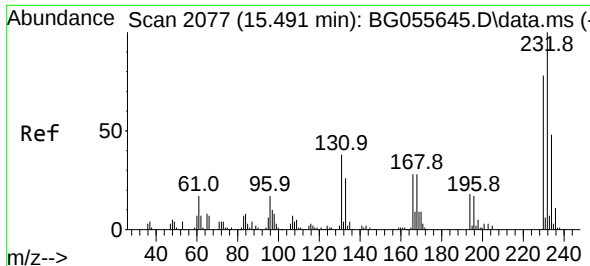
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#58
Fluorene
Concen: 37.133 ng
RT: 15.879 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Tgt Ion:166 Resp: 351410
Ion Ratio Lower Upper
166 100
165 101.9 79.3 118.9
167 13.7 10.6 15.8





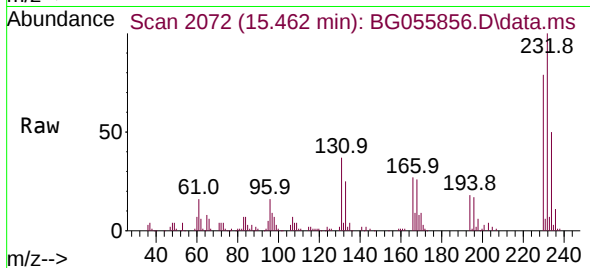
#59
2,3,4,6-Tetrachlorophenol
Concen: 34.912 ng
RT: 15.462 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Instrument :

BNA_G

ClientSampleId :

PB149346BS

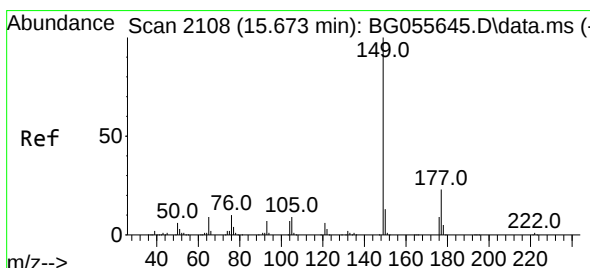
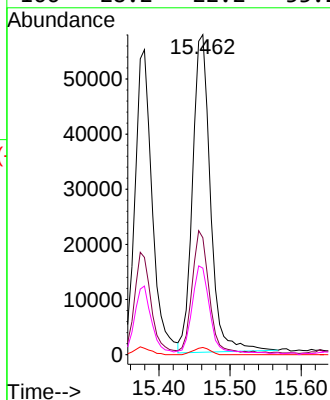
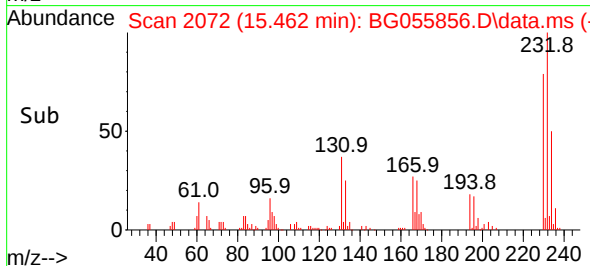


Tgt Ion:232 Resp: 100408
Ion Ratio Lower Upper
232 100
131 35.9 29.8 44.8
130 2.1 1.7 2.5
166 28.2 22.2 33.2

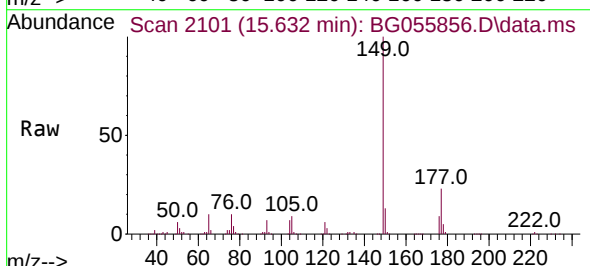
Manual Integrations

APPROVED

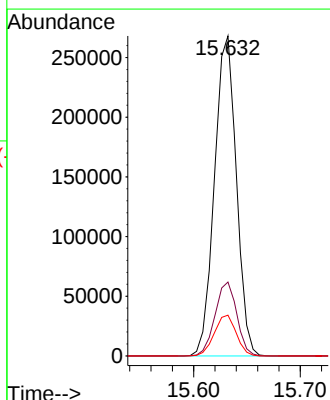
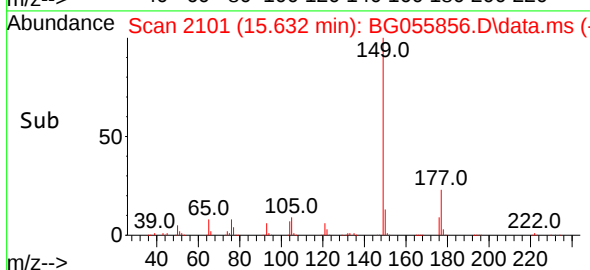
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

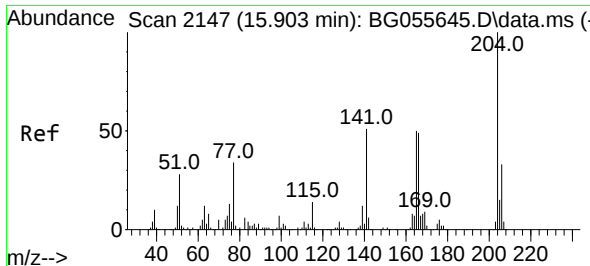


#60
Diethylphthalate
Concen: 37.689 ng
RT: 15.632 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30



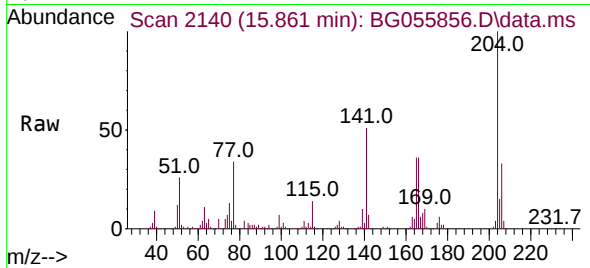
Tgt Ion:149 Resp: 382721
Ion Ratio Lower Upper
149 100
177 23.1 18.3 27.5
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 37.876 ng
RT: 15.861 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

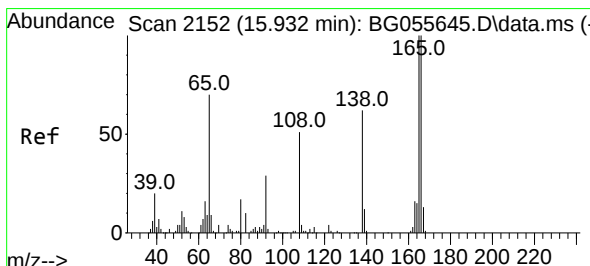
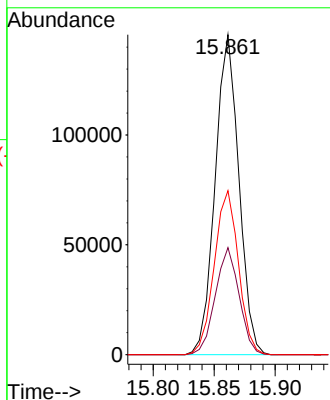
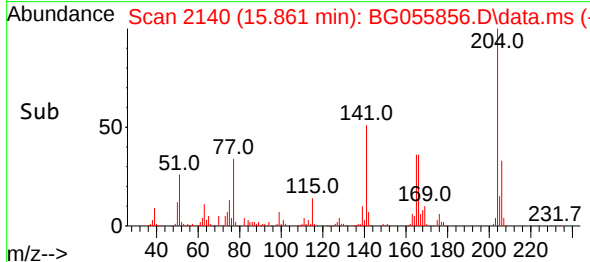
Instrument :
BNA_G
ClientSampleId :
PB149346BS



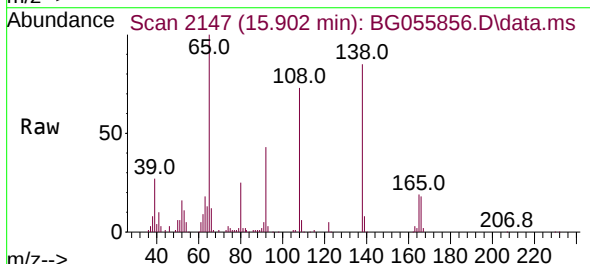
Tgt Ion:204 Resp: 197033
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 51.2 40.6 61.0

Manual Integrations
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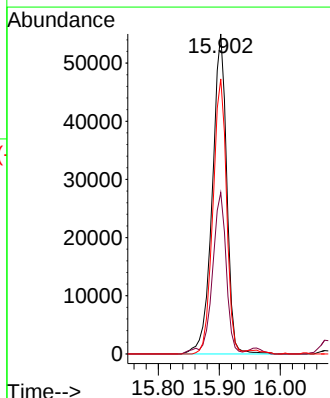
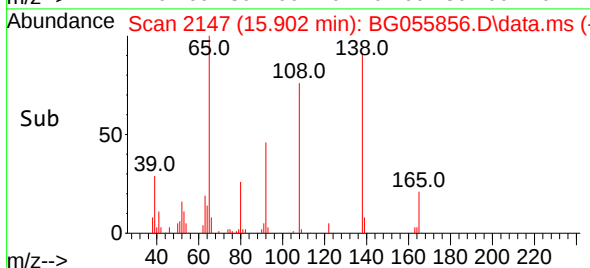
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

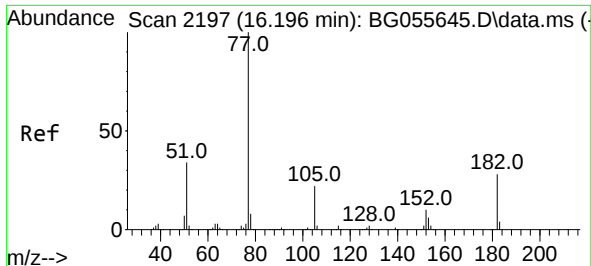


#62
4-Nitroaniline
Concen: 38.490 ng
RT: 15.902 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30



Tgt Ion:138 Resp: 90709
Ion Ratio Lower Upper
138 100
92 50.4 27.3 67.3
108 85.9 62.8 102.8





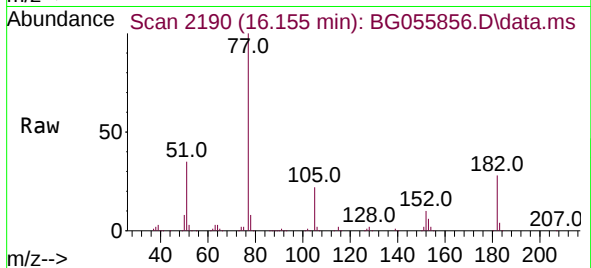
#63
Azobenzene
Concen: 36.738 ng
RT: 16.155 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Instrument :

BNA_G

ClientSampleId :

PB149346BS

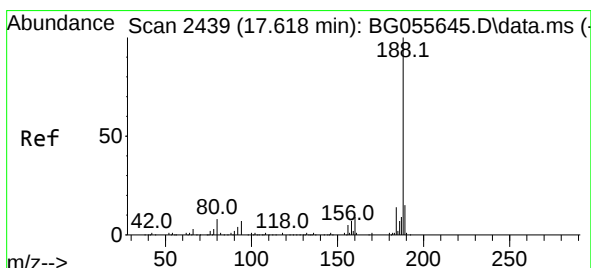
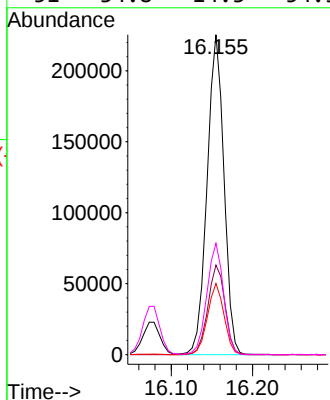
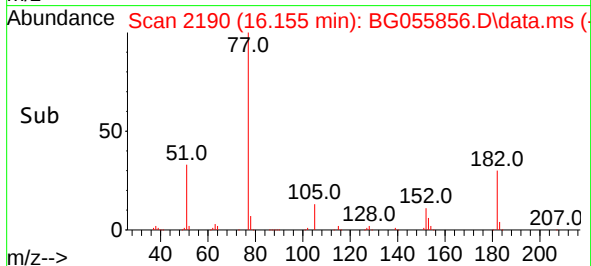


Tgt Ion: 77 Resp: 325703
Ion Ratio Lower Upper
77 100
182 28.0 8.1 48.1
105 22.2 1.8 41.8
51 34.8 14.3 54.3

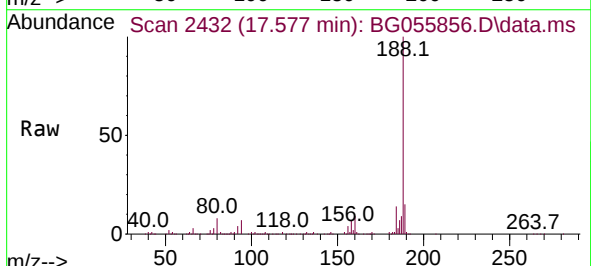
Manual Integrations

APPROVED

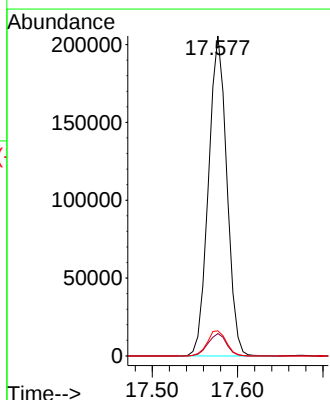
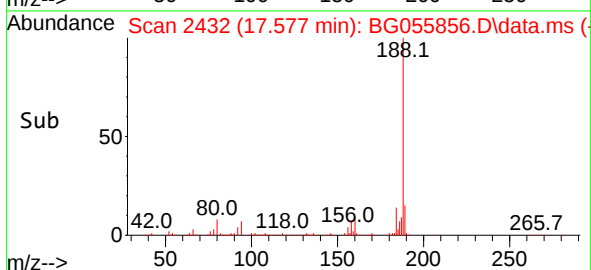
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

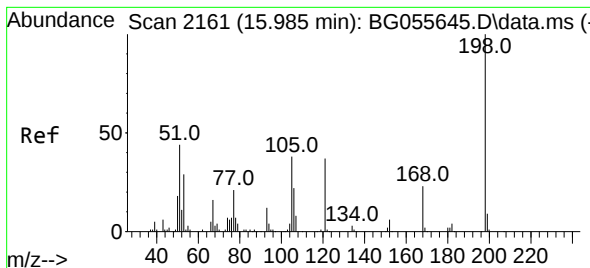


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30



Tgt Ion:188 Resp: 307125
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.2
80 7.8 6.6 10.0





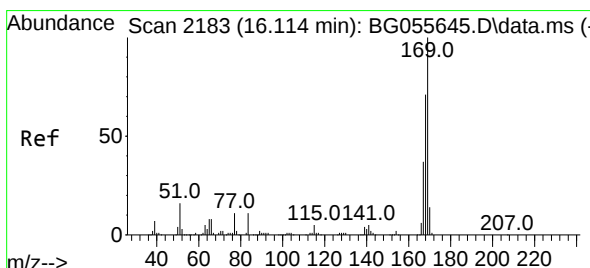
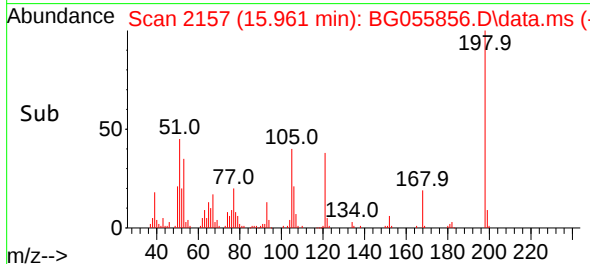
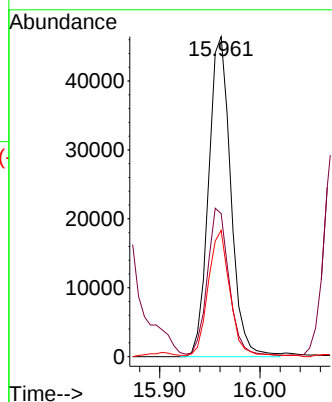
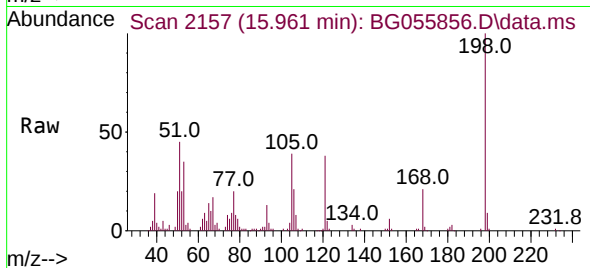
#65
4,6-Dinitro-2-methylphenol
Concen: 41.509 ng
RT: 15.961 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Instrument :
BNA_G
ClientSampleId :
PB149346BS

Tgt Ion:198 Resp: 71186
Ion Ratio Lower Upper
198 100
51 44.7 27.7 67.7
105 39.4 19.3 59.3

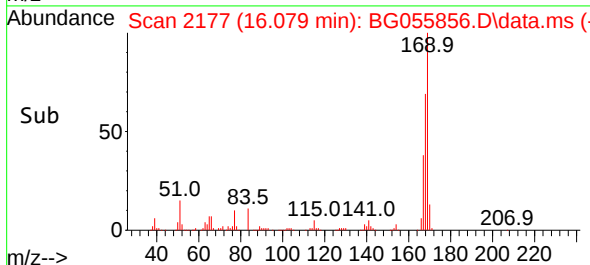
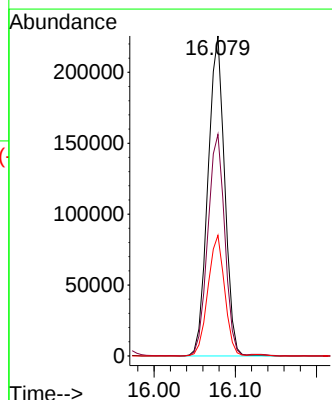
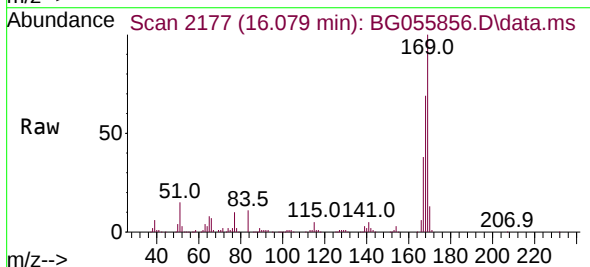
Manual Integrations
APPROVED

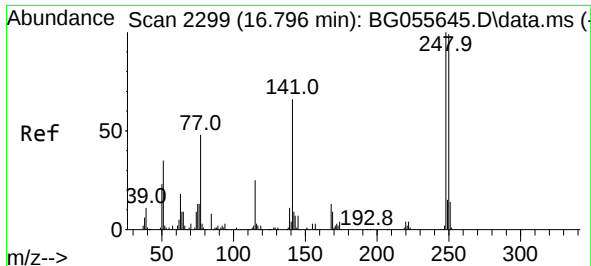
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#66
n-Nitrosodiphenylamine
Concen: 38.124 ng
RT: 16.079 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

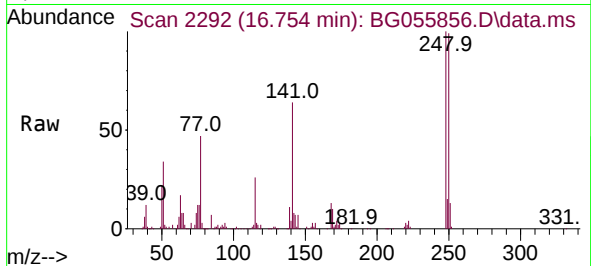
Tgt Ion:169 Resp: 322686
Ion Ratio Lower Upper
169 100
168 69.2 56.6 85.0
167 37.7 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 37.989 ng
RT: 16.754 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

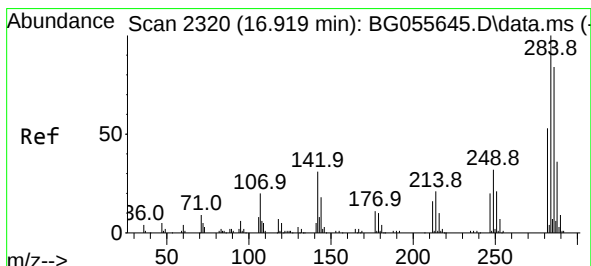
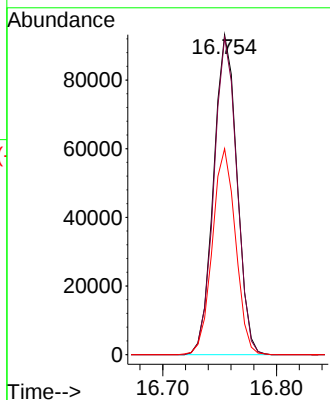
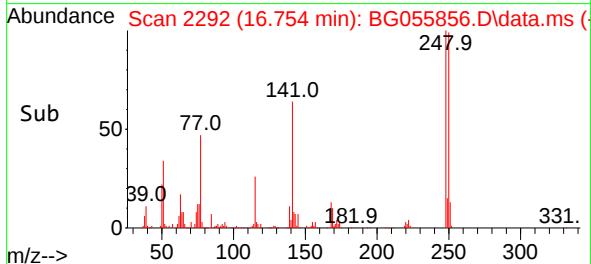
Instrument :
BNA_G
ClientSampleId :
PB149346BS



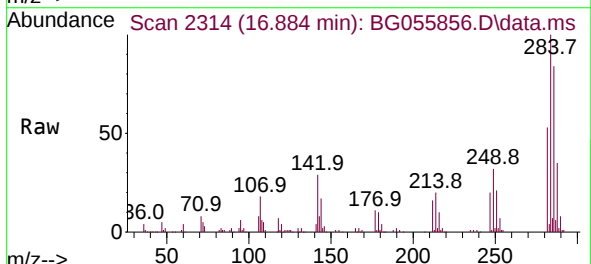
Tgt Ion:248 Resp: 132937
Ion Ratio Lower Upper
248 100
250 99.1 79.0 118.4
141 64.3 52.9 79.3

Manual Integrations
APPROVED

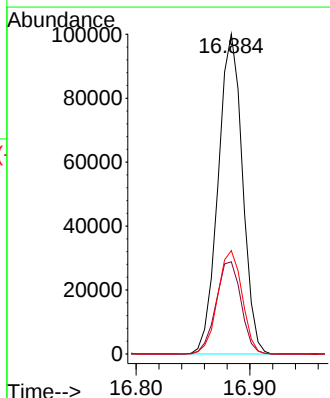
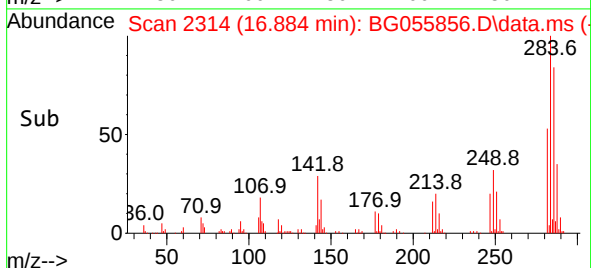
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

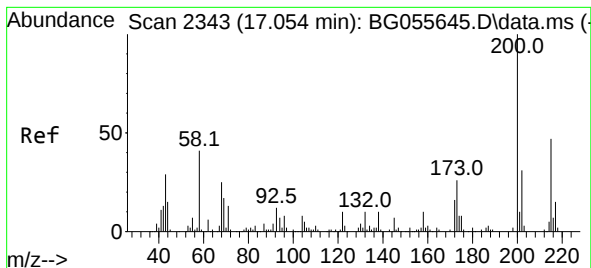


#68
Hexachlorobenzene
Concen: 38.278 ng
RT: 16.884 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30



Tgt Ion:284 Resp: 148526
Ion Ratio Lower Upper
284 100
142 28.8 24.8 37.2
249 32.3 25.7 38.5





#69

Atrazine

Concen: 41.959 ng

RT: 17.013 min Scan# 2336

Delta R.T. 0.000 min

Lab File: BG055856.D

Acq: 1 Dec 2022 14:30

Instrument :

BNA_G

ClientSampleId :

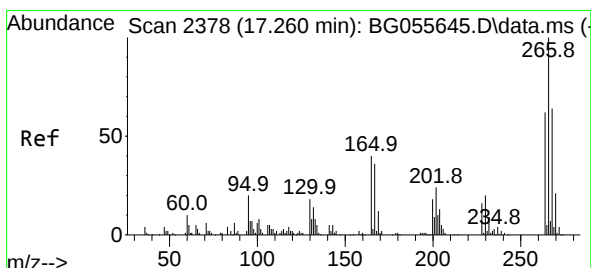
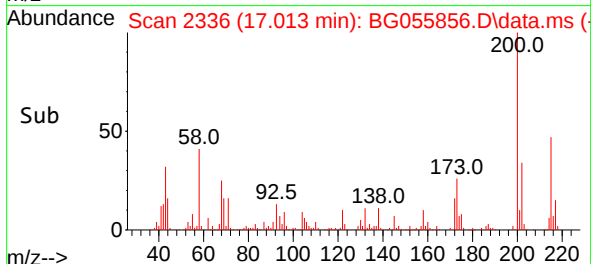
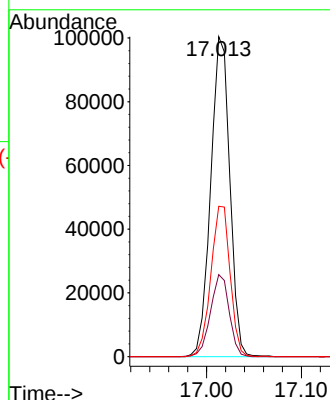
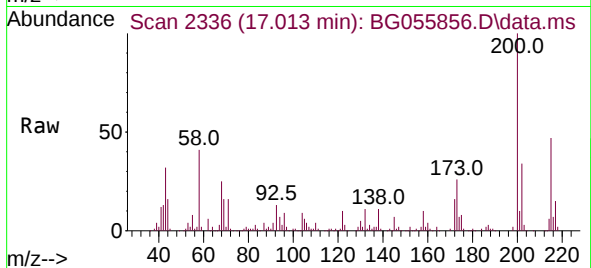
PB149346BS

Tgt Ion:200 Resp: 140452
 Ion Ratio Lower Upper
 200 100
 173 25.6 5.6 45.6
 215 47.0 27.2 67.2

Manual Integrations

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Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :Jagrut Upadhyay 12/02/2022



#70

Pentachlorophenol

Concen: 71.694 ng

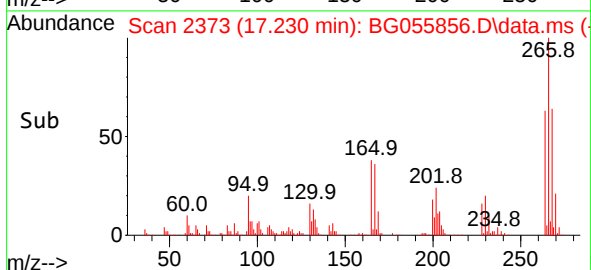
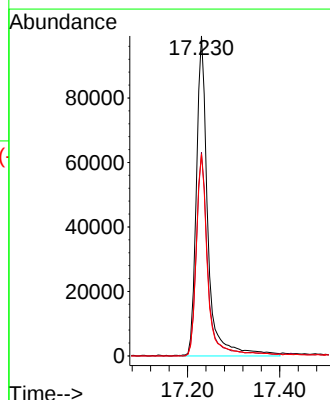
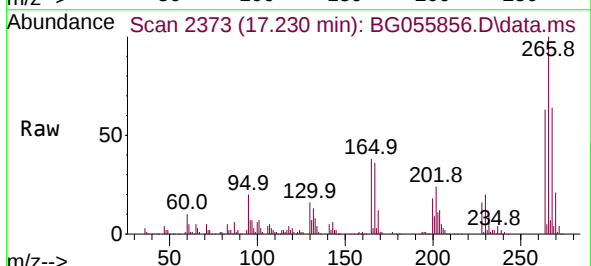
RT: 17.230 min Scan# 2373

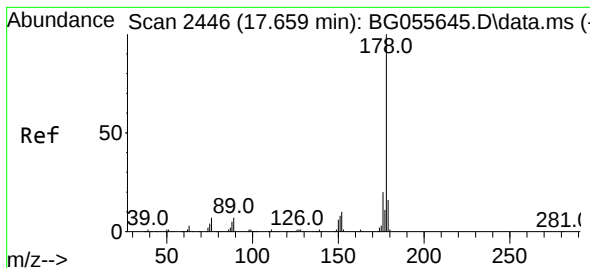
Delta R.T. 0.000 min

Lab File: BG055856.D

Acq: 1 Dec 2022 14:30

Tgt Ion:266 Resp: 170176
 Ion Ratio Lower Upper
 266 100
 268 67.8 51.2 76.8
 264 63.0 49.5 74.3





#71

Phenanthrene

Concen: 36.783 ng

RT: 17.618 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BG055856.D

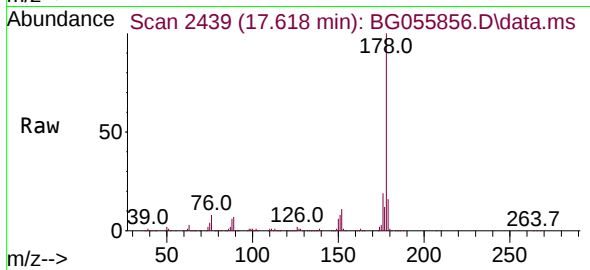
Acq: 1 Dec 2022 14:30

Instrument :

BNA_G

ClientSampleId :

PB149346BS



Tgt Ion:178 Resp: 609632

Ion Ratio Lower Upper

178 100

176 19.5 16.0 24.0

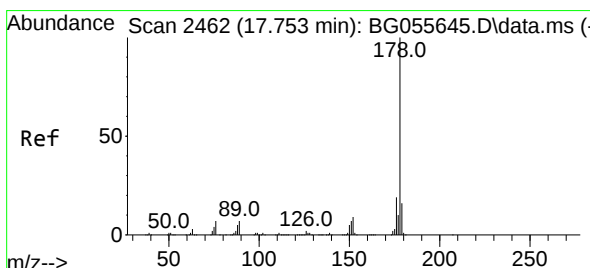
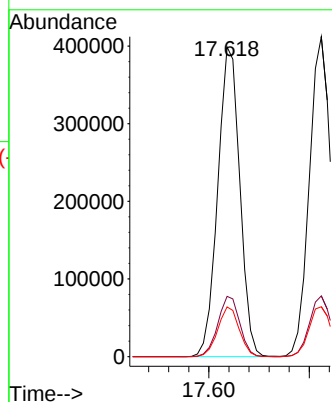
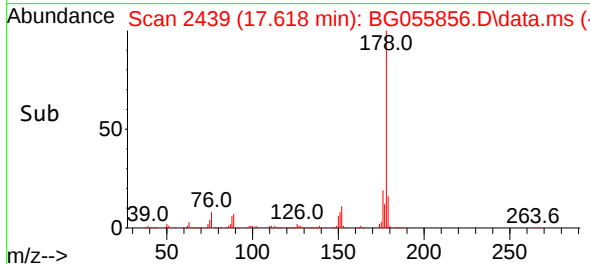
179 16.0 12.7 19.1

Manual Integrations

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Reviewed By :Christian Giraldo 12/02/2022

Supervised By :Jagrut Upadhyay 12/02/2022



#72

Anthracene

Concen: 38.064 ng

RT: 17.712 min Scan# 2455

Delta R.T. 0.000 min

Lab File: BG055856.D

Acq: 1 Dec 2022 14:30

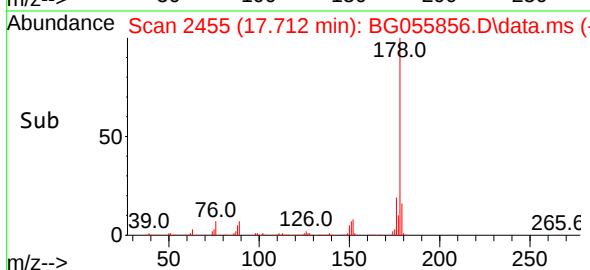
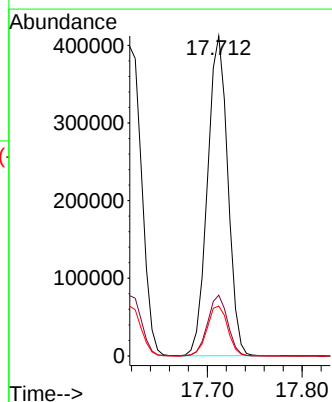
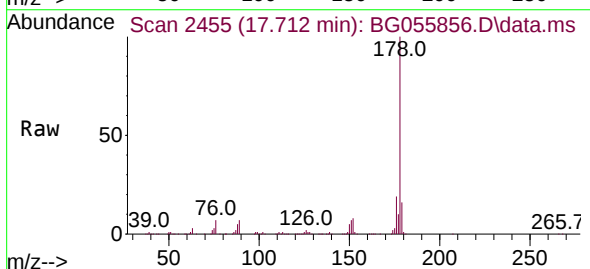
Tgt Ion:178 Resp: 612953

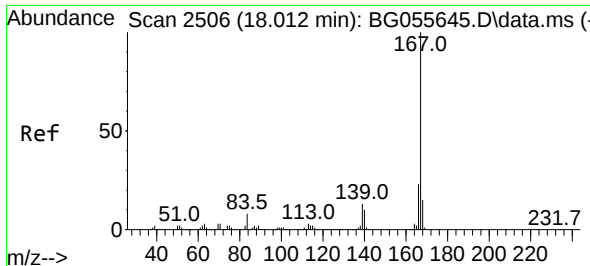
Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

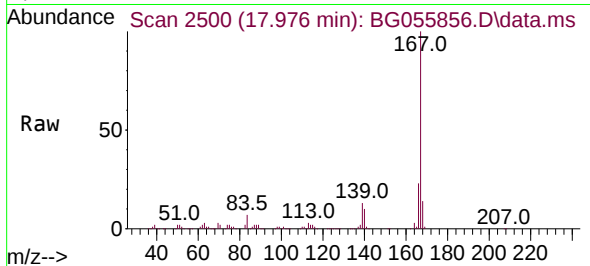
179 15.6 12.5 18.7





#73
Carbazole
Concen: 39.206 ng
RT: 17.976 min Scan# 2506
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

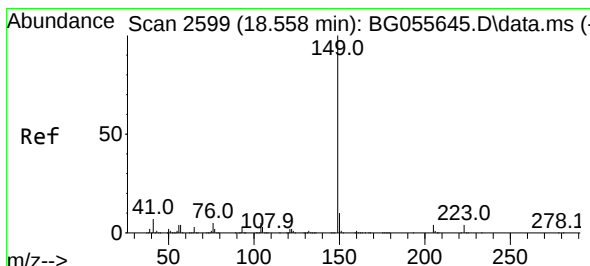
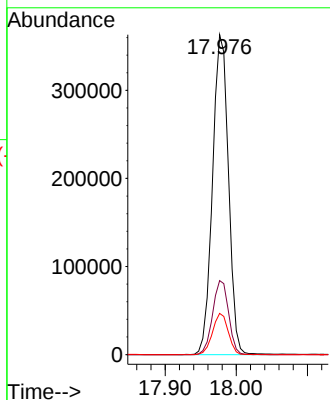
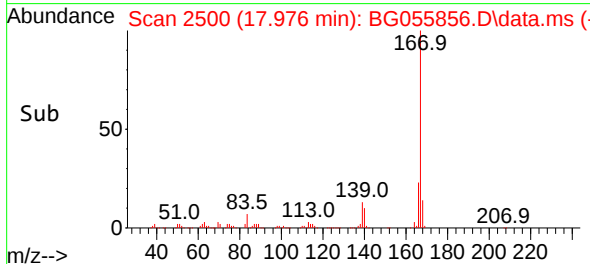
Instrument :
BNA_G
ClientSampleId :
PB149346BS



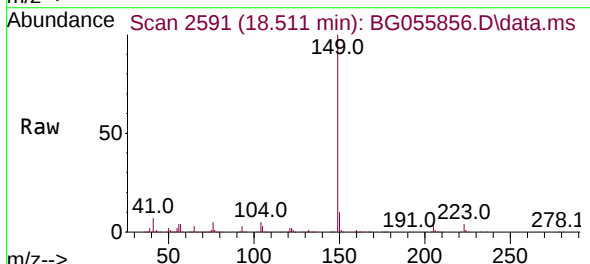
Tgt Ion:167 Resp: 567579
Ion Ratio Lower Upper
167 100
166 23.1 18.2 27.2
139 12.9 10.2 15.4

Manual Integrations
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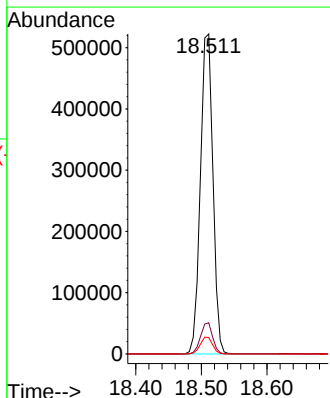
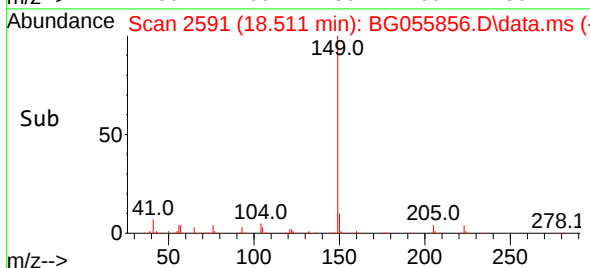
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

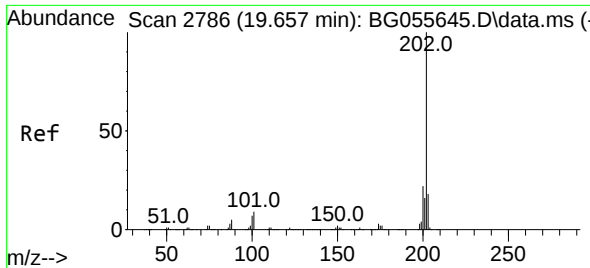


#74
Di-n-butylphthalate
Concen: 38.356 ng
RT: 18.511 min Scan# 2591
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30



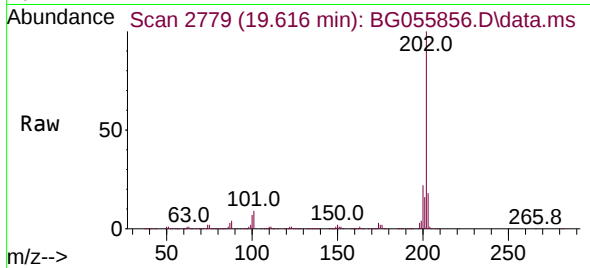
Tgt Ion:149 Resp: 689482
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 5.1 4.0 6.0





#75
Fluoranthene
Concen: 36.525 ng
RT: 19.616 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

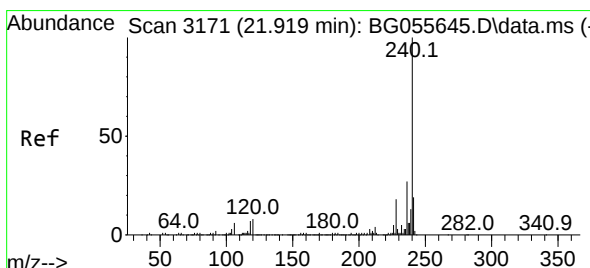
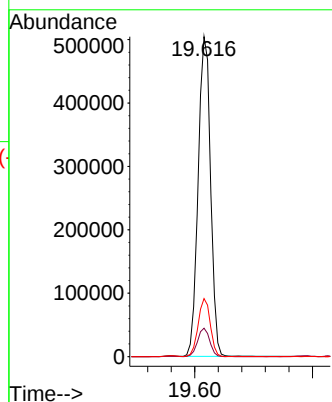
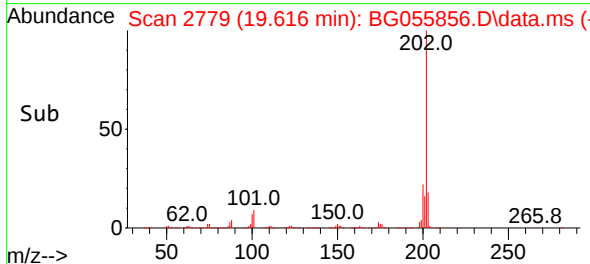
Instrument :
BNA_G
ClientSampleId :
PB149346BS



Tgt Ion:202 Resp: 736454
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.8
203 18.1 0.0 38.1

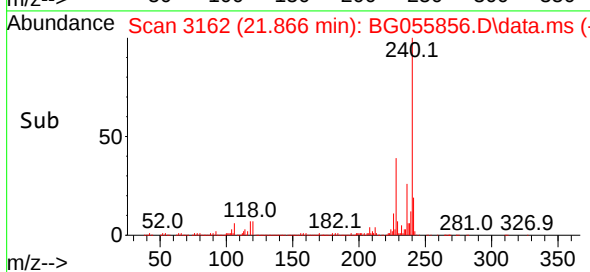
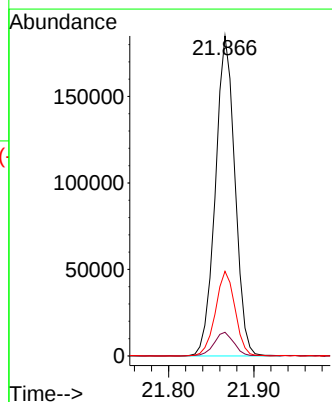
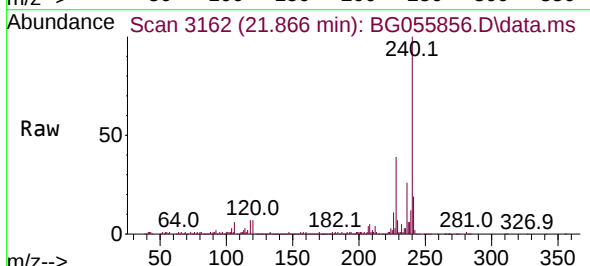
Manual Integrations
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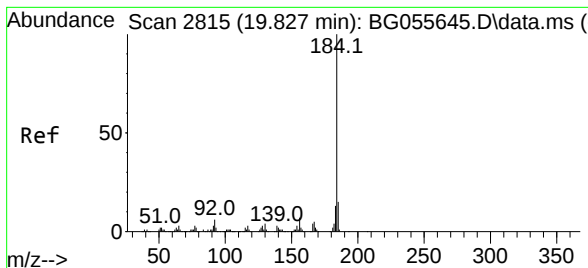
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.866 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Tgt Ion:240 Resp: 294079
Ion Ratio Lower Upper
240 100
120 7.4 6.3 9.5
236 26.4 21.9 32.9





#77

Benzidine

Concen: 48.437 ng

RT: 19.786 min Scan# 2808

Delta R.T. 0.000 min

Lab File: BG055856.D

Acq: 1 Dec 2022 14:30

Instrument :

BNA_G

ClientSampleId :

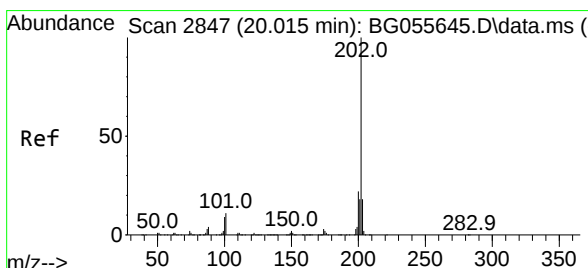
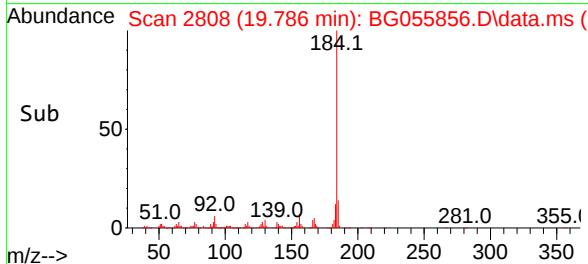
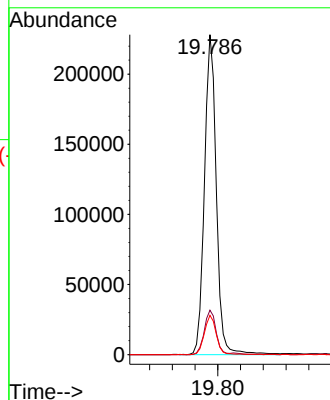
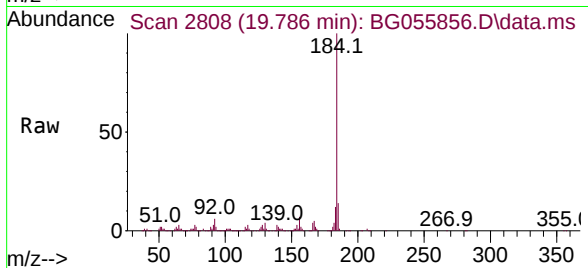
PB149346BS

Tgt Ion:184 Resp: 329532
 Ion Ratio Lower Upper
 184 100
 185 13.9 11.8 17.8
 183 12.3 10.6 15.8

Manual Integrations

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Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :Jagrut Upadhyay 12/02/2022



#78

Pyrene

Concen: 37.538 ng

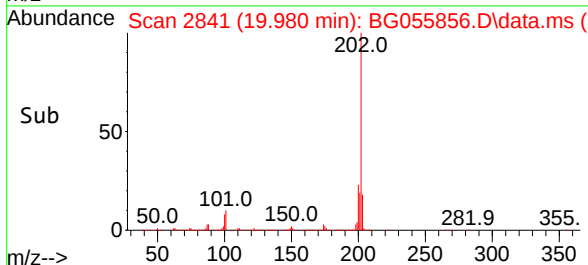
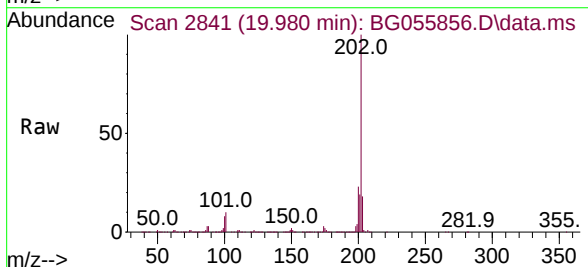
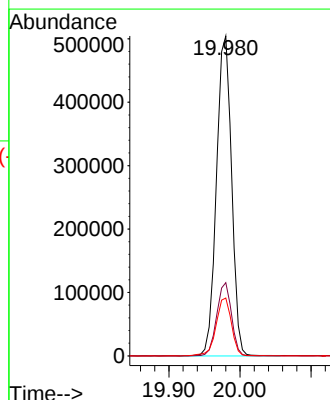
RT: 19.980 min Scan# 2841

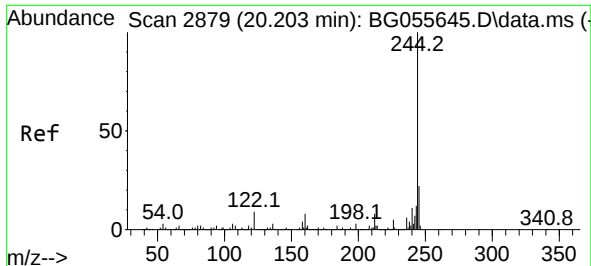
Delta R.T. 0.000 min

Lab File: BG055856.D

Acq: 1 Dec 2022 14:30

Tgt Ion:202 Resp: 747212
 Ion Ratio Lower Upper
 202 100
 200 22.9 17.8 26.6
 203 18.1 14.4 21.6





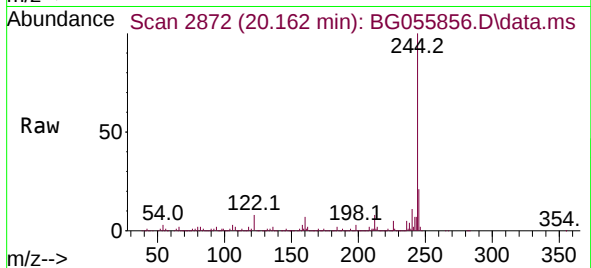
#79
 Terphenyl-d14
 Concen: 76.973 ng
 RT: 20.162 min Scan# 2879
 Delta R.T. 0.000 min
 Lab File: BG055856.D
 Acq: 1 Dec 2022 14:30

Instrument :

BNA_G

ClientSampleId :

PB149346BS

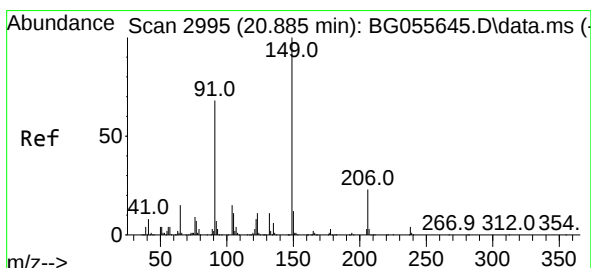
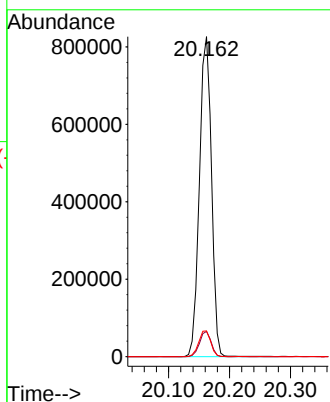
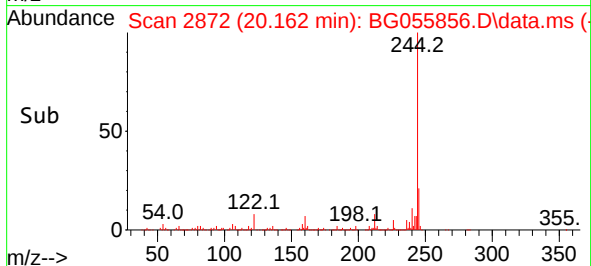


Tgt Ion:244 Resp: 1131738
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 8.0 6.9 10.3

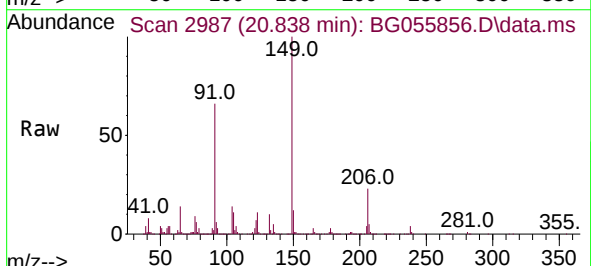
Manual Integrations

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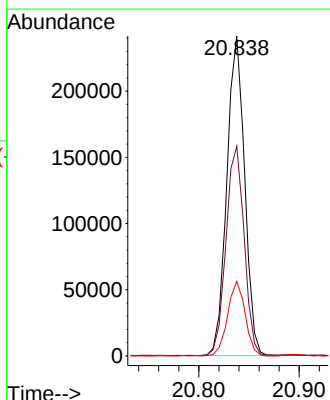
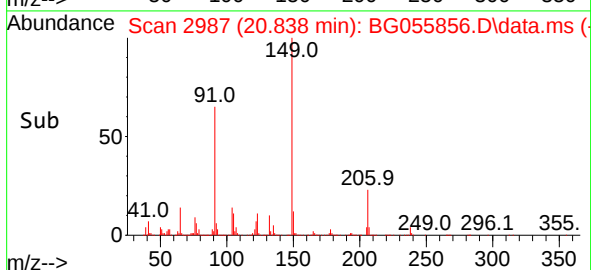
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :Jagrut Upadhyay 12/02/2022

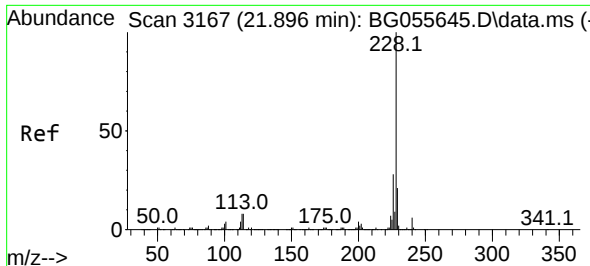


#80
 Butylbenzylphthalate
 Concen: 38.231 ng
 RT: 20.838 min Scan# 2987
 Delta R.T. 0.000 min
 Lab File: BG055856.D
 Acq: 1 Dec 2022 14:30



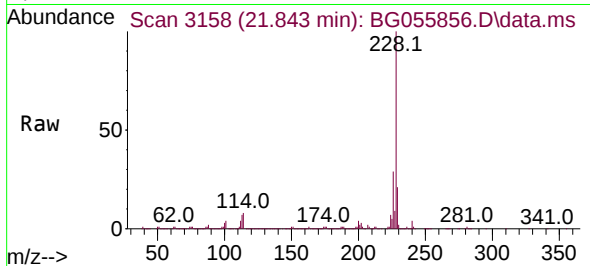
Tgt Ion:149 Resp: 297921
 Ion Ratio Lower Upper
 149 100
 91 65.5 54.6 81.8
 206 23.2 18.3 27.5





#81
Benzo(a)anthracene
Concen: 36.969 ng
RT: 21.843 min Scan# 311
Delta R.T. -0.006 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

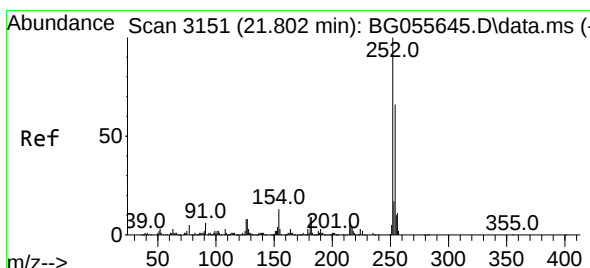
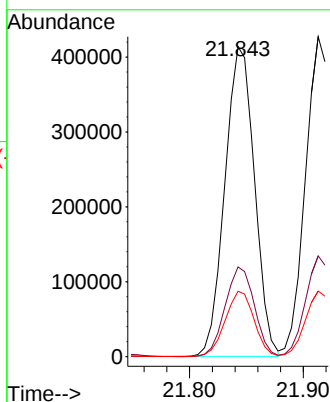
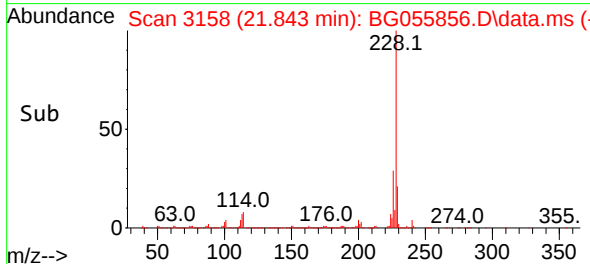
Instrument :
BNA_G
ClientSampleId :
PB149346BS



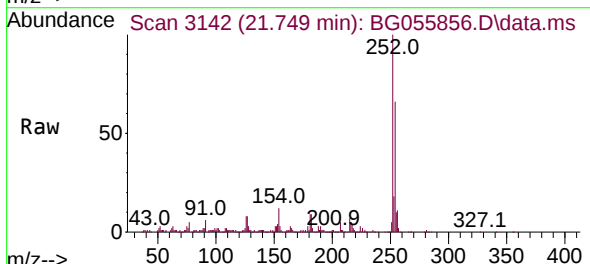
Tgt Ion:228 Resp: 748792
Ion Ratio Lower Upper
228 100
226 28.9 22.7 34.1
229 21.1 16.5 24.7

Manual Integrations
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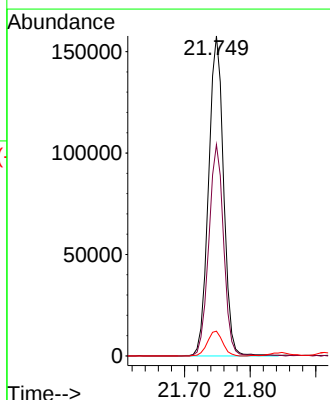
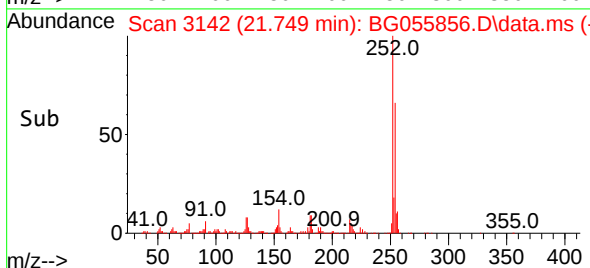
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

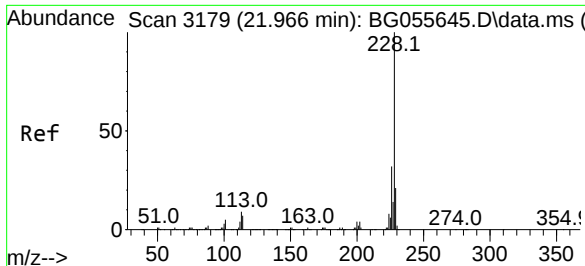


#82
3,3'-Dichlorobenzidine
Concen: 35.121 ng
RT: 21.749 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30



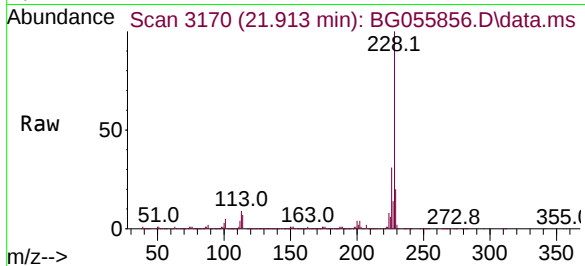
Tgt Ion:252 Resp: 249962
Ion Ratio Lower Upper
252 100
254 66.0 53.0 79.6
126 7.7 6.7 10.1





#83
Chrysene
Concen: 36.624 ng
RT: 21.913 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

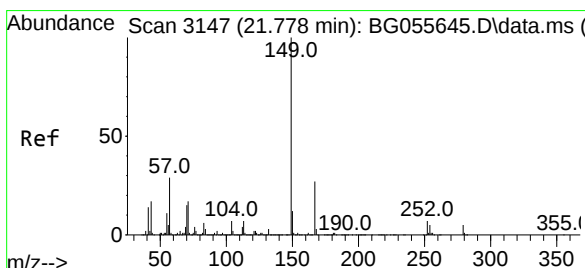
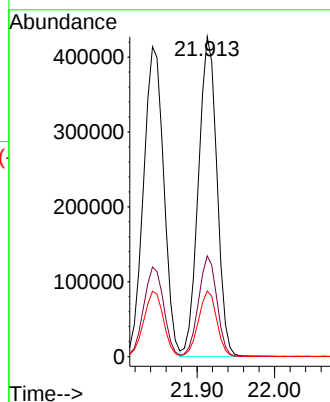
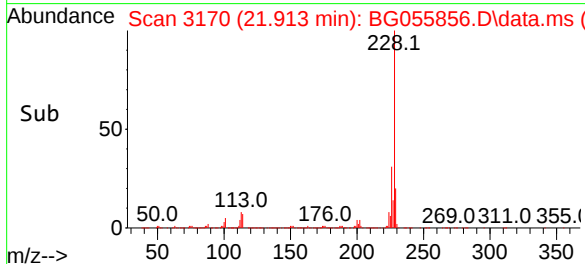
Instrument :
BNA_G
ClientSampleId :
PB149346BS



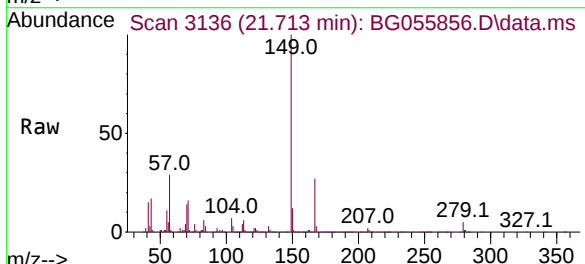
Tgt Ion:228 Resp: 706215
Ion Ratio Lower Upper
228 100
226 31.5 25.4 38.2
229 20.5 17.1 25.7

Manual Integrations
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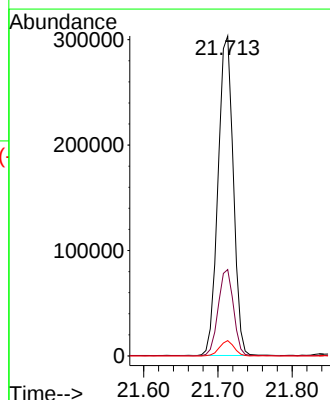
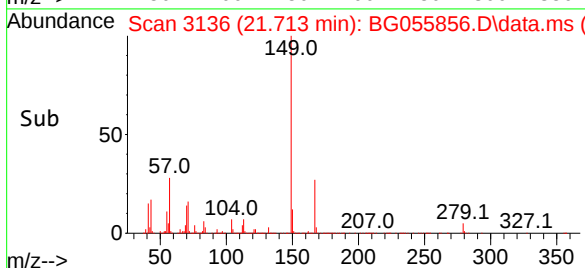
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

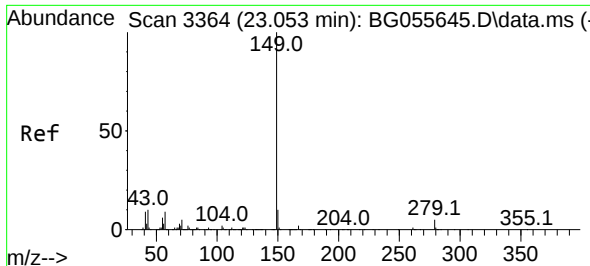


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.604 ng
RT: 21.713 min Scan# 3136
Delta R.T. 0.000 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30



Tgt Ion:149 Resp: 432333
Ion Ratio Lower Upper
149 100
167 27.0 22.0 33.0
279 4.8 3.7 5.5





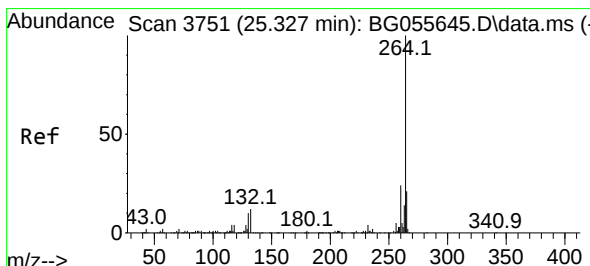
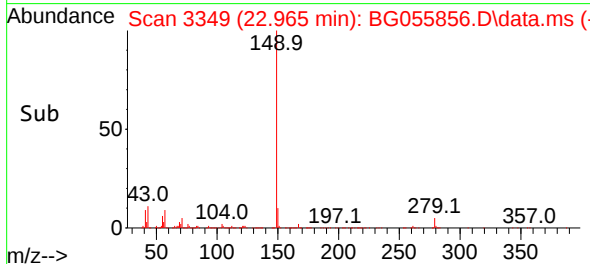
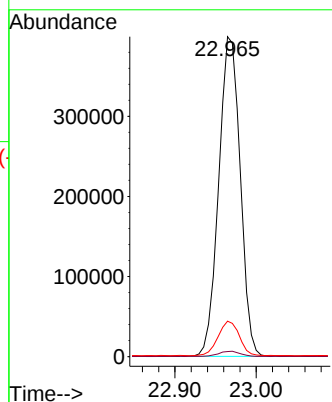
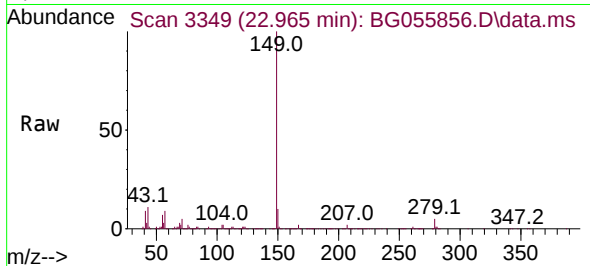
#85
Di-n-octyl phthalate
Concen: 38.249 ng
RT: 22.965 min Scan# 3364
Delta R.T. -0.006 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Instrument :
BNA_G
ClientSampleId :
PB149346BS

Tgt Ion:149 Resp: 733050
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.6 8.4 12.6

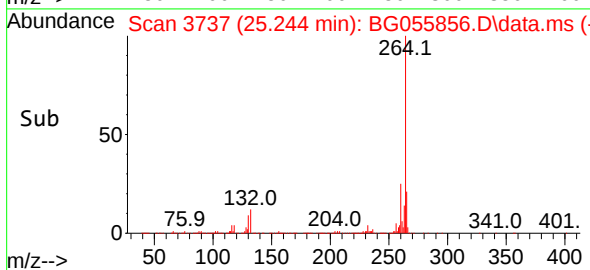
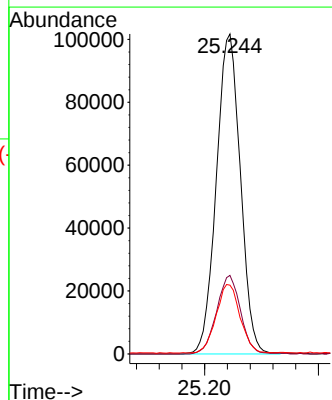
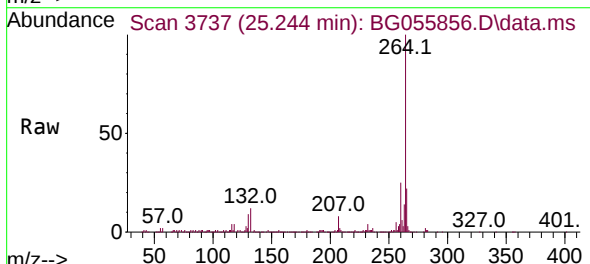
Manual Integrations
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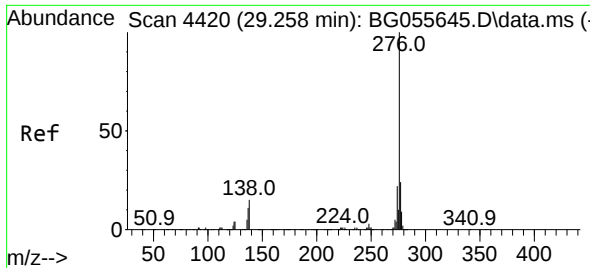
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.244 min Scan# 3737
Delta R.T. -0.006 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Tgt Ion:264 Resp: 297802
Ion Ratio Lower Upper
264 100
260 24.5 19.5 29.3
265 21.5 17.1 25.7





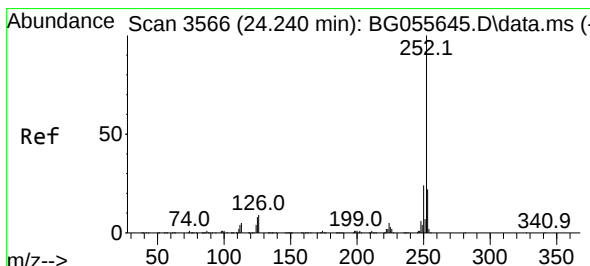
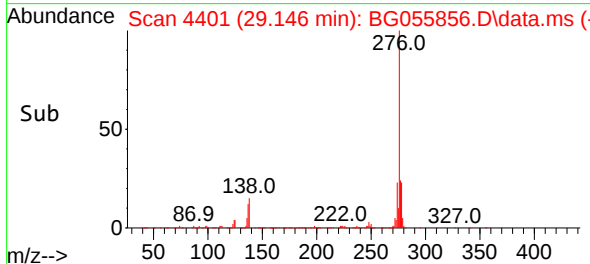
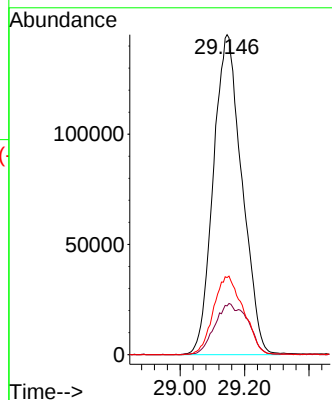
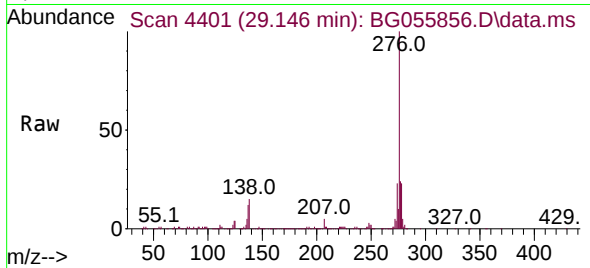
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.708 ng
 RT: 29.146 min Scan# 4420
 Delta R.T. -0.006 min
 Lab File: BG055856.D
 Acq: 1 Dec 2022 14:30

Instrument :
 BNA_G
 ClientSampleId :
 PB149346BS

Tgt Ion:276 Resp: 895562
 Ion Ratio Lower Upper
 276 100
 138 11.7 10.4 15.6
 277 25.8 20.2 30.4

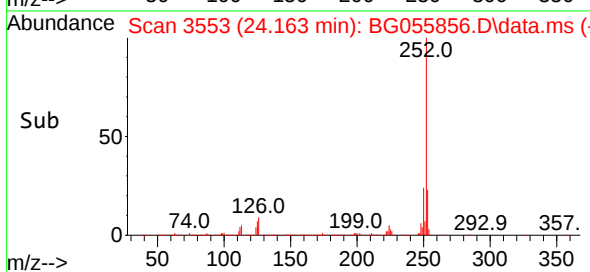
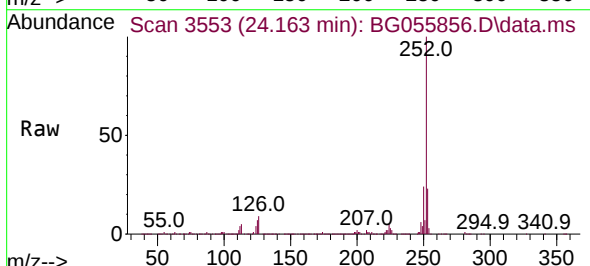
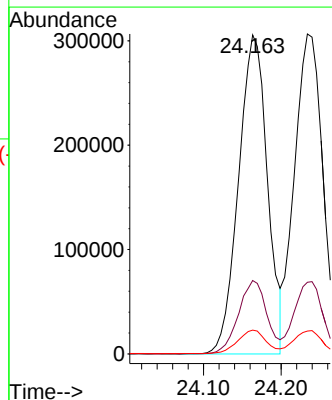
Manual Integrations
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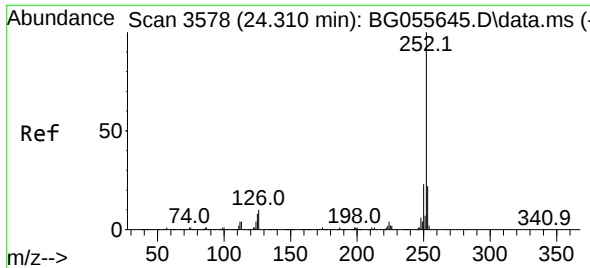
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :Jagrut Upadhyay 12/02/2022



#88
 Benzo(b)fluoranthene
 Concen: 40.738 ng
 RT: 24.163 min Scan# 3553
 Delta R.T. -0.006 min
 Lab File: BG055856.D
 Acq: 1 Dec 2022 14:30

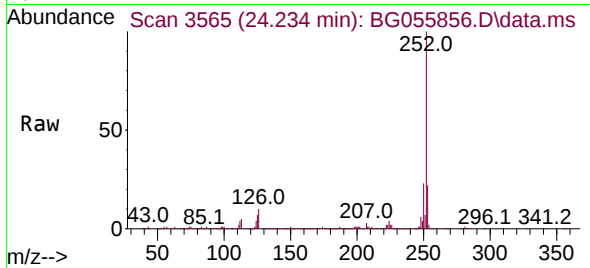
Tgt Ion:252 Resp: 790092
 Ion Ratio Lower Upper
 252 100
 253 23.0 18.0 27.0
 125 7.4 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 40.170 ng
RT: 24.234 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

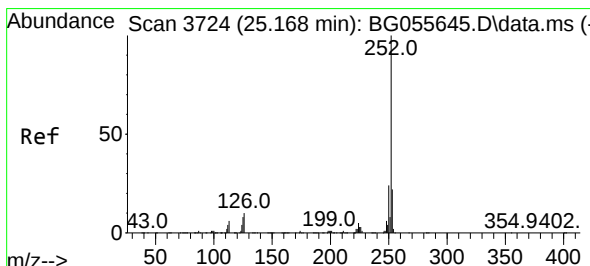
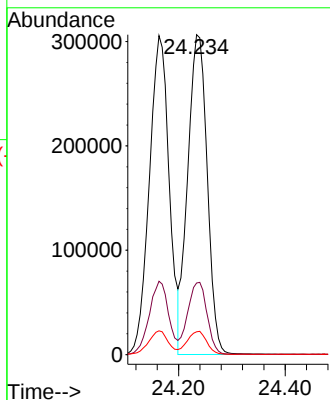
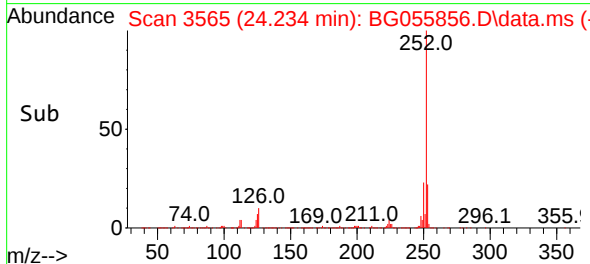
Instrument :
BNA_G
ClientSampleId :
PB149346BS



Tgt Ion:252 Resp: 776584
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 7.1 6.1 9.1

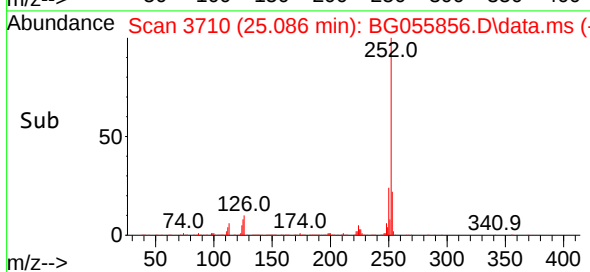
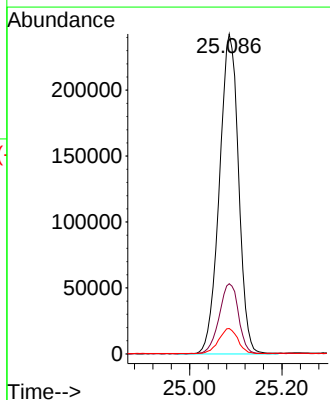
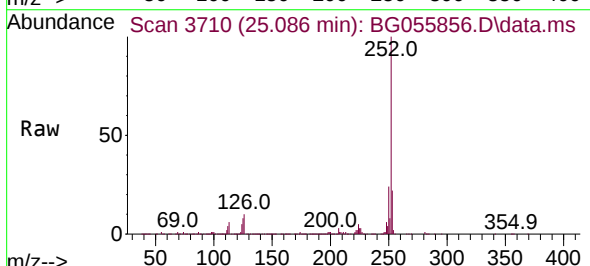
Manual Integrations
APPROVED

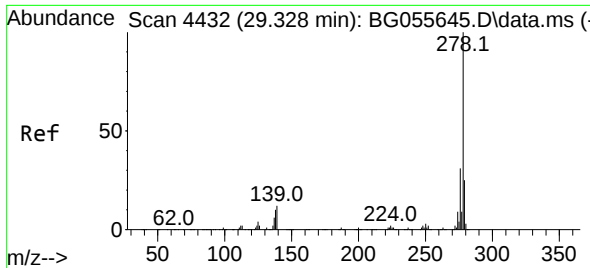
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#90
Benzo(a)pyrene
Concen: 42.175 ng
RT: 25.086 min Scan# 3710
Delta R.T. -0.006 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Tgt Ion:252 Resp: 701920
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 8.0 6.4 9.6





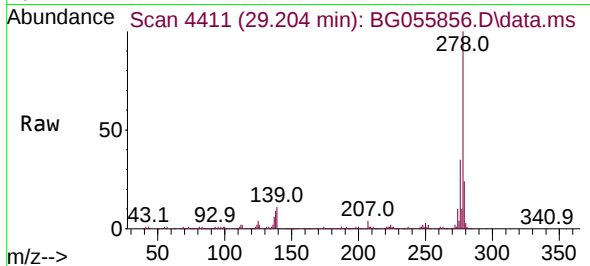
#91
Dibenzo(a,h)anthracene
Concen: 38.412 ng
RT: 29.204 min Scan# 4432
Delta R.T. -0.006 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30

Instrument :

BNA_G

ClientSampleId :

PB149346BS

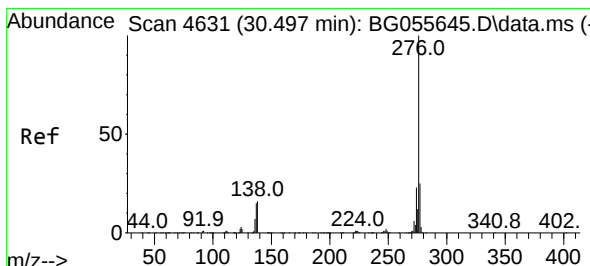
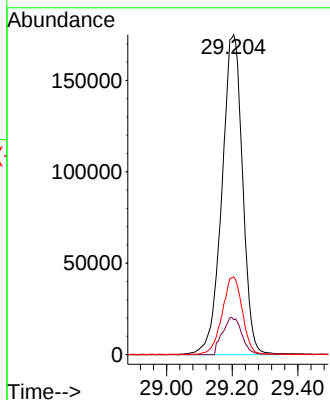
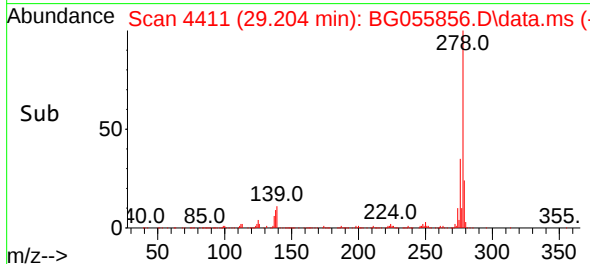


Tgt Ion:278 Resp: 765799
Ion Ratio Lower Upper
278 100
139 10.9 9.8 14.8
279 24.3 19.8 29.6

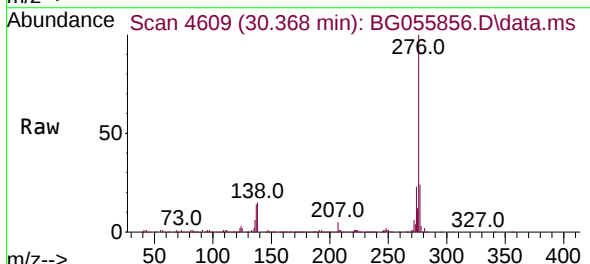
Manual Integrations

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Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#92
Benzo(g,h,i)perylene
Concen: 37.499 ng
RT: 30.368 min Scan# 4609
Delta R.T. -0.006 min
Lab File: BG055856.D
Acq: 1 Dec 2022 14:30



Tgt Ion:276 Resp: 753477
Ion Ratio Lower Upper
276 100
277 23.8 19.8 29.6
138 14.8 13.1 19.7

