

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012723\
 Data File : BG056465.D
 Acq On : 27 Jan 2023 21:53
 Operator : CG/JU
 Sample : PB150355BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150355BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/30/2023
 Supervised By : Jagrut Upadhyay 01/30/2023

Quant Time: Jan 28 01:13:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 00:39:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.278	152	27721	20.000	ng	0.00
21) Naphthalene-d8	11.110	136	118811	20.000	ng	0.00
39) Acenaphthene-d10	14.900	164	101208	20.000	ng	0.00
64) Phenanthrene-d10	17.638	188	263104	20.000	ng	0.00
76) Chrysene-d12	21.927	240	249763	20.000	ng	0.00
86) Perylene-d12	25.352	264	275725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	257353	170.781	ng	0.00
7) Phenol-d6	7.426	99	362930	162.548	ng	0.00
23) Nitrobenzene-d5	9.459	82	188844	90.257	ng	0.00
42) 2,4,6-Tribromophenol	16.380	330	194331	144.430	ng	0.00
45) 2-Fluorobiphenyl	13.525	172	661514	90.619	ng	0.00
79) Terphenyl-d14	20.211	244	1354307	95.237	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.595	88	22266	35.485	ng	97
3) Pyridine	4.018	79	62348	33.333	ng	98
4) n-Nitrosodimethylamine	3.924	42	17883	44.958	ng	# 90
6) Aniline	7.591	93	124239	42.500	ng	97
8) 2-Chlorophenol	7.837	128	89087	53.815	ng	98
9) Benzaldehyde	7.403	77	33933	31.064	ng	98
10) Phenol	7.456	94	122191	53.845	ng	97
11) bis(2-Chloroethyl)ether	7.679	93	72869	46.716	ng	96
12) 1,3-Dichlorobenzene	8.166	146	97123	50.956	ng	98
13) 1,4-Dichlorobenzene	8.313	146	98342	50.948	ng	97
14) 1,2-Dichlorobenzene	8.636	146	96638	51.602	ng	99
15) Benzyl Alcohol	8.513	79	78608	51.314	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.801	45	15352	46.451	ng	97
17) 2-Methylphenol	8.719	107	86467	50.084	ng	95
18) Hexachloroethane	9.377	117	29021	49.709	ng	91
19) n-Nitroso-di-n-propyla...	9.083	70	60254	46.828	ng	99
20) 3+4-Methylphenols	9.048	107	120132	49.653	ng	98
22) Acetophenone	9.107	105	140630	44.548	ng	# 98
24) Nitrobenzene	9.500	77	89921	44.556	ng	95
25) Isophorone	10.017	82	184673	42.783	ng	99
26) 2-Nitrophenol	10.217	139	56837	46.417	ng	99
27) 2,4-Dimethylphenol	10.264	122	100317	48.952	ng	97
28) bis(2-Chloroethoxy)met...	10.493	93	105969	44.440	ng	95
29) 2,4-Dichlorophenol	10.758	162	115165	49.926	ng	97
30) 1,2,4-Trichlorobenzene	10.969	180	120570	47.036	ng	99
31) Naphthalene	11.163	128	278323	44.383	ng	99
32) Benzoic acid	10.417	122	49687	43.337	ng	97
33) 4-Chloroaniline	11.269	127	97824	33.419	ng	97
34) Hexachlorobutadiene	11.439	225	83633	46.481	ng	95
35) Caprolactam	12.033	113	35086m	45.100	ng	
36) 4-Chloro-3-methylphenol	12.367	107	107336	48.184	ng	98
37) 2-Methylnaphthalene	12.749	142	225175	43.556	ng	98
38) 1-Methylnaphthalene	12.967	142	209617	43.415	ng	95
40) 1,2,4,5-Tetrachloroben...	13.108	216	163868	44.319	ng	100
41) Hexachlorocyclopentadiene	13.084	237	195867	98.342	ng	96
43) 2,4,6-Trichlorophenol	13.343	196	112653	47.279	ng	97

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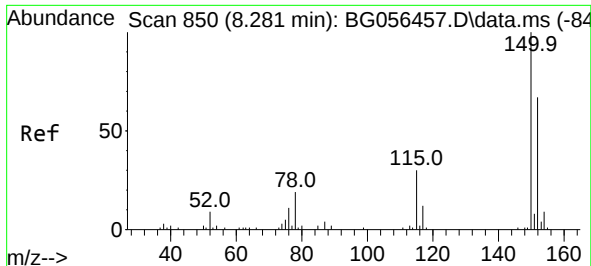
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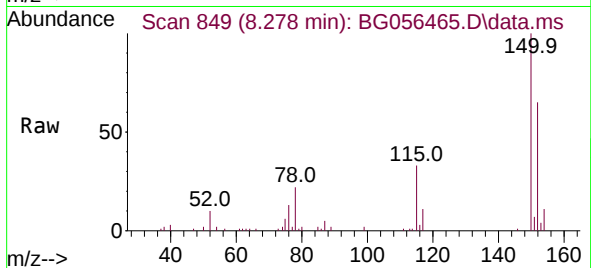
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.419	196	119941	42.993	ng	99
46) 1,1'-Biphenyl	13.736	154	326926	44.535	ng	100
47) 2-Chloronaphthalene	13.789	162	259136	45.162	ng	98
48) 2-Nitroaniline	13.983	65	53362	44.987	ng	94
49) Acenaphthylene	14.624	152	414636	44.416	ng	99
50) Dimethylphthalate	14.342	163	360957	44.084	ng	99
51) 2,6-Dinitrotoluene	14.465	165	79240	44.377	ng	98
52) Acenaphthene	14.964	154	247433	44.696	ng	100
53) 3-Nitroaniline	14.800	138	57580	33.262	ng	100
54) 2,4-Dinitrophenol	15.011	184	112389	100.398	ng	98
55) Dibenzofuran	15.293	168	437705	44.087	ng	99
56) 4-Nitrophenol	15.105	139	112717	95.292	ng	96
57) 2,4-Dinitrotoluene	15.252	165	113745	45.224	ng	99
58) Fluorene	15.940	166	354617	44.889	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.517	232	117044	47.186	ng	99
60) Diethylphthalate	15.687	149	339984	44.219	ng	99
61) 4-Chlorophenyl-phenylether	15.922	204	216362	44.883	ng	98
62) 4-Nitroaniline	15.963	138	74726	43.140	ng	97
63) Azobenzene	16.216	77	236403	44.685	ng	98
65) 4,6-Dinitro-2-methylph...	16.016	198	79529	42.994	ng	100
66) n-Nitrosodiphenylamine	16.134	169	329862	44.281	ng	99
67) 4-Bromophenyl-phenylether	16.815	248	149486	44.382	ng	99
68) Hexachlorobenzene	16.944	284	155170	47.037	ng	99
69) Atrazine	17.074	200	139942	48.695	ng	99
70) Pentachlorophenol	17.285	266	165749	83.036	ng	97
71) Phenanthrene	17.679	178	619720	45.004	ng	99
72) Anthracene	17.773	178	629378	44.524	ng	99
73) Carbazole	18.037	167	547619	45.486	ng	99
74) Di-n-butylphthalate	18.560	149	556068	43.989	ng	100
75) Fluoranthene	19.671	202	774207	44.546	ng	100
77) Benzidine	19.841	184	349161	51.660	ng	97
78) Pyrene	20.035	202	785867	44.240	ng	99
80) Butylbenzylphthalate	20.887	149	237544	43.786	ng	98
81) Benzo(a)anthracene	21.909	228	791257	45.315	ng	99
82) 3,3'-Dichlorobenzidine	21.809	252	210786	33.522	ng	99
83) Chrysene	21.980	228	730980	44.560	ng	99
84) Bis(2-ethylhexyl)phtha...	21.768	149	341872	43.954	ng	99
85) Di-n-octyl phthalate	23.037	149	576065	44.473	ng	100
87) Indeno(1,2,3-cd)pyrene	29.306	276	932669	46.210	ng	# 95
88) Benzo(b)fluoranthene	24.259	252	814844	47.613	ng	99
89) Benzo(k)fluoranthene	24.330	252	817326	47.302	ng	98
90) Benzo(a)pyrene	25.188	252	729476	43.271	ng	97
91) Dibenzo(a,h)anthracene	29.359	278	787172	46.463	ng	99
92) Benzo(g,h,i)perylene	30.540	276	755554	46.219	ng	100

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.278 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: BG056465.D
 Acq: 27 Jan 2023 21:53

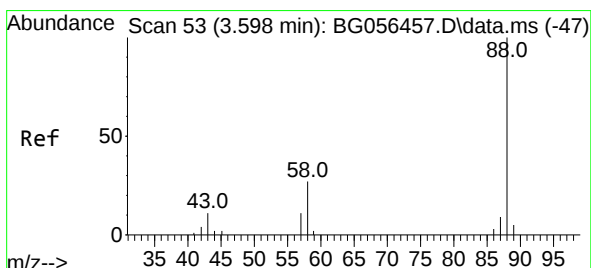
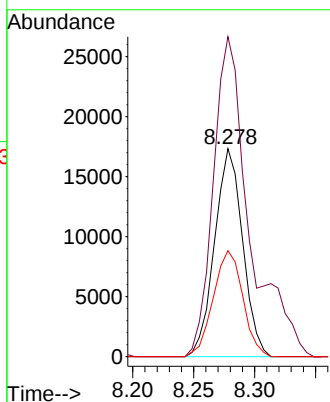
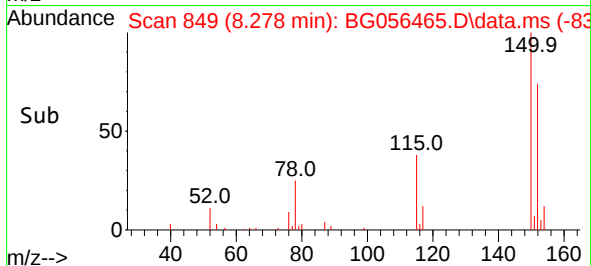
Instrument :
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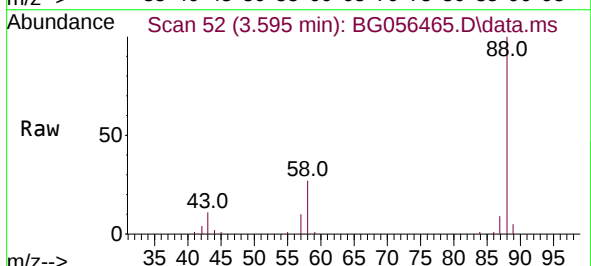
Tgt Ion: 152 Resp: 2772
 Ion Ratio Lower Upper
 152 100
 150 153.9 120.2 180.4
 115 51.0 36.3 54.5

Manual Integrations
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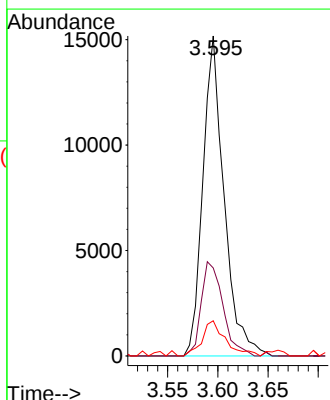
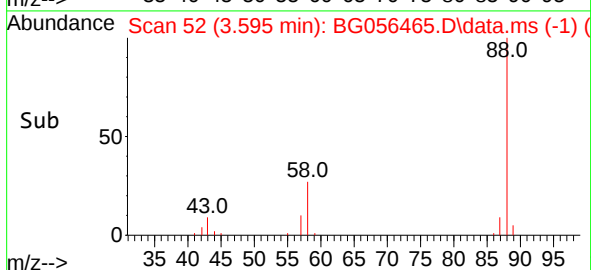
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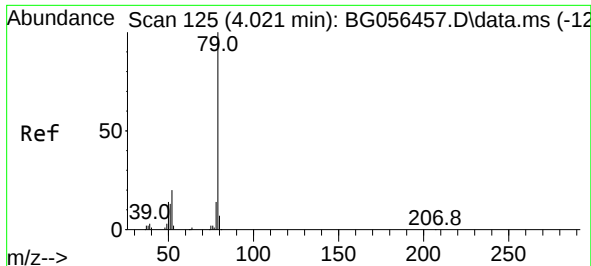


#2
 1,4-Dioxane
 Concen: 35.485 ng
 RT: 3.595 min Scan# 52
 Delta R.T. -0.003 min
 Lab File: BG056465.D
 Acq: 27 Jan 2023 21:53



Tgt Ion: 88 Resp: 22266
 Ion Ratio Lower Upper
 88 100
 58 30.1 23.0 34.4
 43 12.0 8.0 12.0





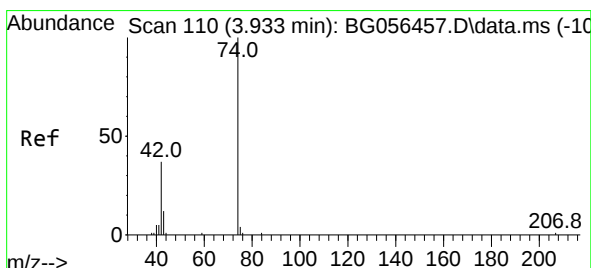
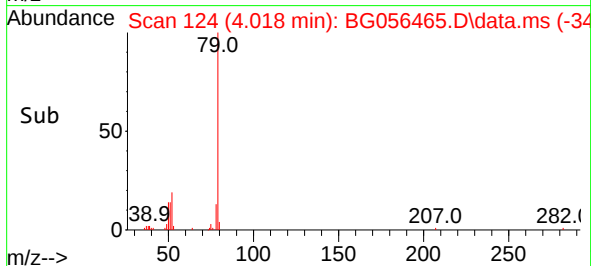
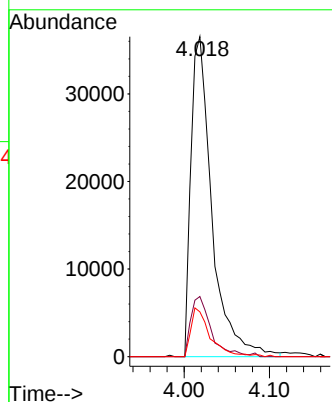
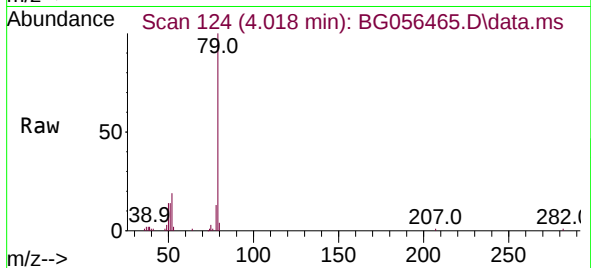
#3
 Pyridine
 Concen: 33.333 ng
 RT: 4.018 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BG056465.D
 Acq: 27 Jan 2023 21:53

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 PB150355BS

Tgt Ion: 79 Resp: 62348
 Ion Ratio Lower Upper
 79 100
 52 18.8 16.1 24.1
 51 14.0 10.7 16.1

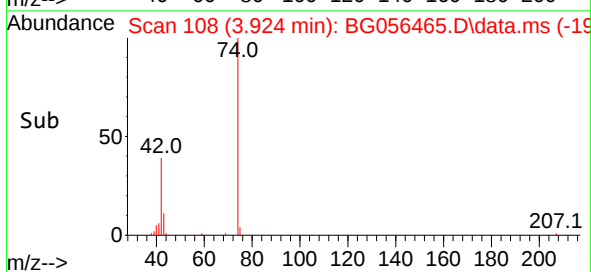
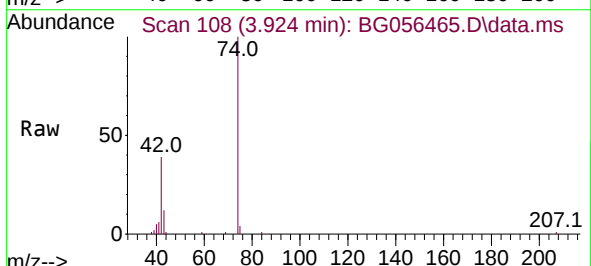
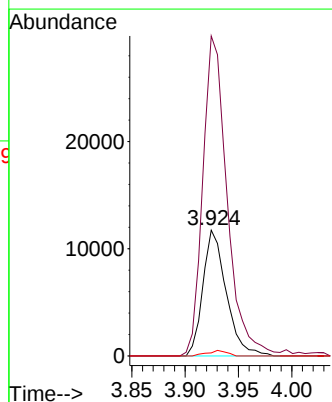
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#4
 n-Nitrosodimethylamine
 Concen: 44.958 ng
 RT: 3.924 min Scan# 108
 Delta R.T. -0.009 min
 Lab File: BG056465.D
 Acq: 27 Jan 2023 21:53

Tgt Ion: 42 Resp: 17883
 Ion Ratio Lower Upper
 42 100
 74 254.6 217.9 326.9
 44 2.4 3.0 4.6#





#5
2-Fluorophenol
Concen: 170.781 ng
RT: 5.799 min Scan# 428
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Instrument :

BNA_G

ClientSampleId :

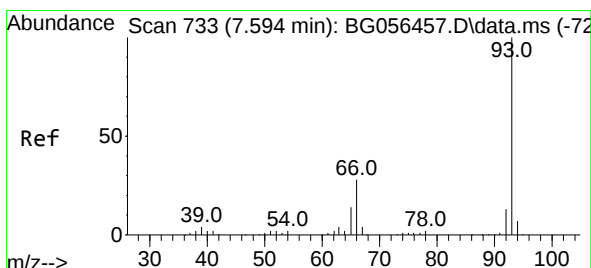
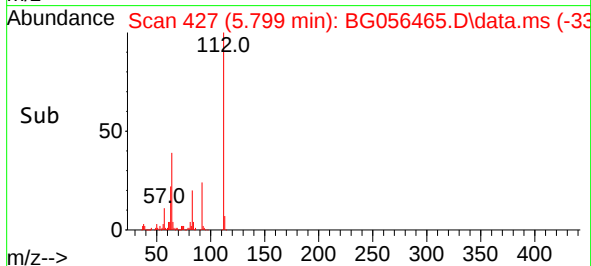
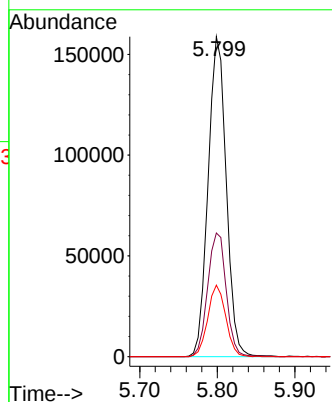
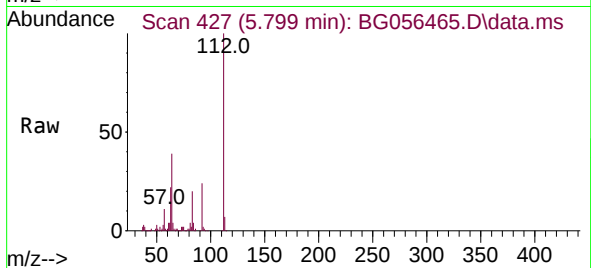
PB150355BS

Tgt Ion:112 Resp: 25735
Ion Ratio Lower Upper
112 100
64 38.6 31.9 47.9
63 22.3 17.4 26.0

Manual Integrations

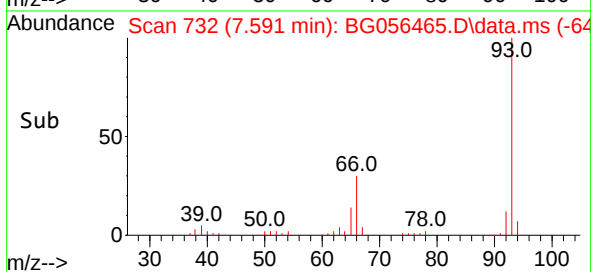
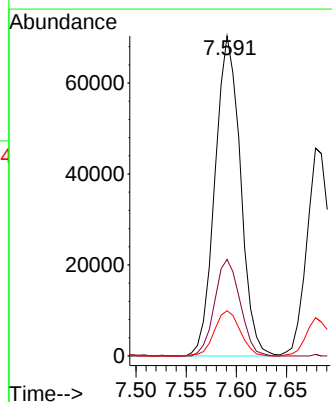
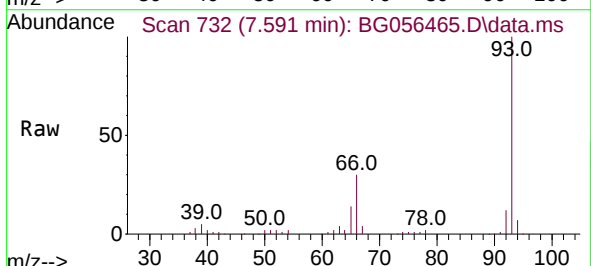
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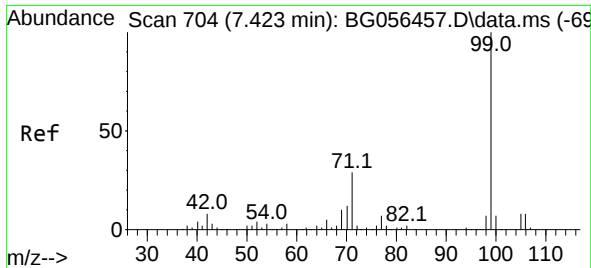
Reviewed By :Christian Giraldo 01/30/2023
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#6
Aniline
Concen: 42.500 ng
RT: 7.591 min Scan# 732
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

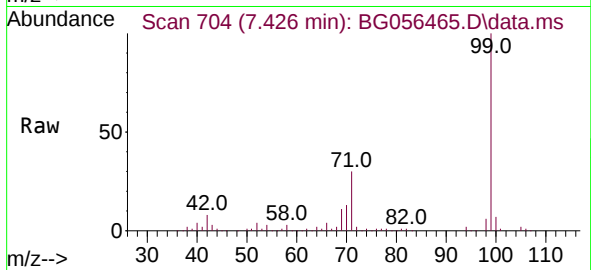
Tgt Ion: 93 Resp: 124239
Ion Ratio Lower Upper
93 100
66 30.1 22.2 33.2
65 14.1 11.3 16.9





#7
Phenol-d6
Concen: 162.548 ng
RT: 7.426 min Scan# 704
Delta R.T. 0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

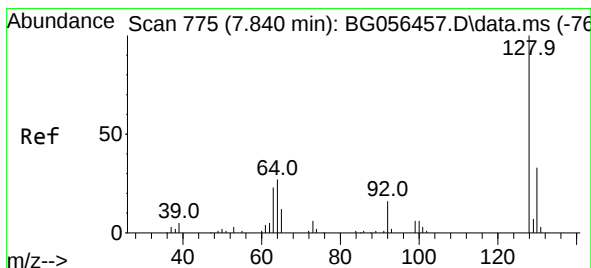
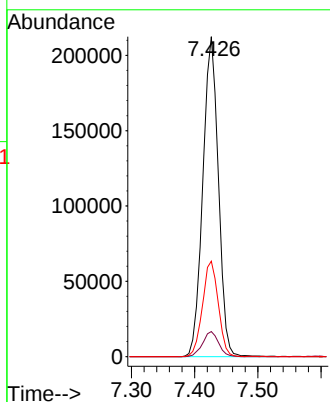
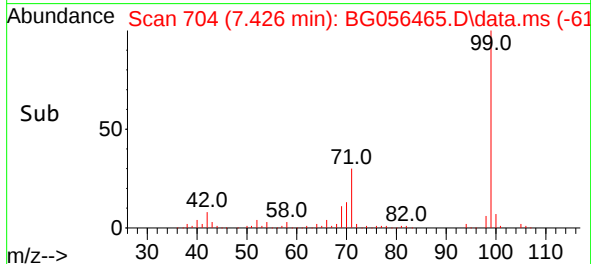
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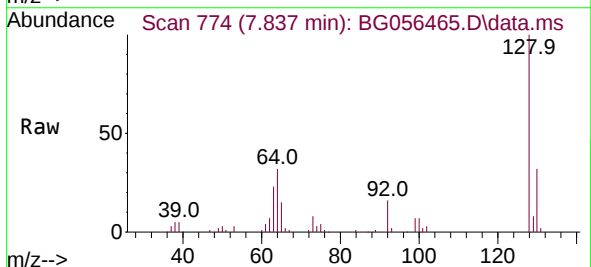
Tgt Ion: 99 Resp: 362930
Ion Ratio Lower Upper
99 100
42 7.8 6.6 10.0
71 29.8 23.4 35.0

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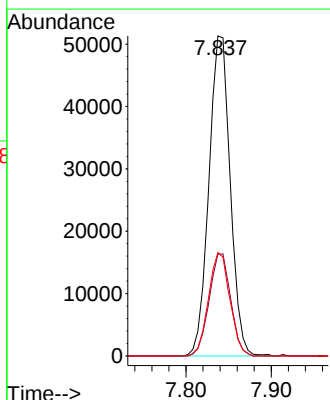
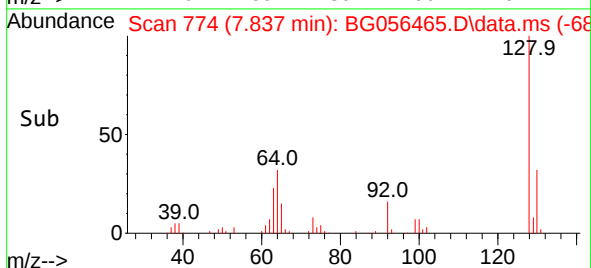
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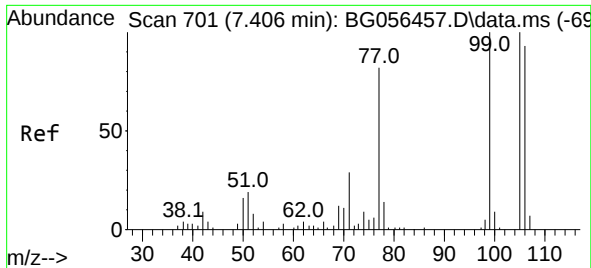


#8
2-Chlorophenol
Concen: 53.815 ng
RT: 7.837 min Scan# 774
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53



Tgt Ion:128 Resp: 89087
Ion Ratio Lower Upper
128 100
130 31.8 12.8 52.8
64 32.3 11.3 51.3





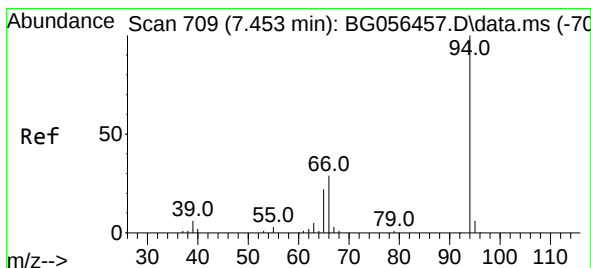
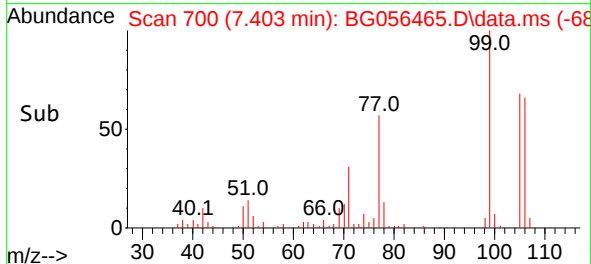
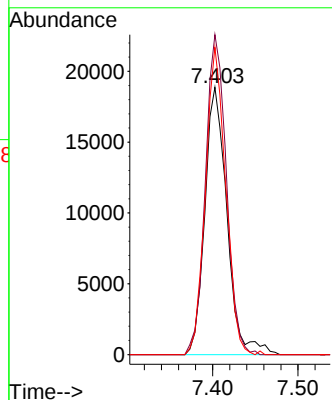
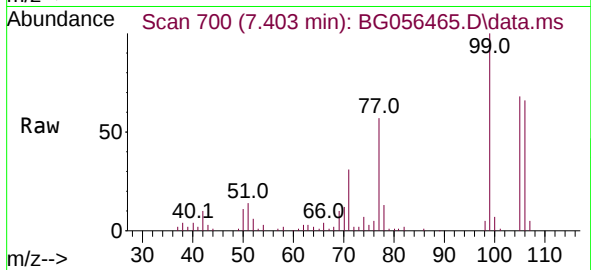
#9
Benzaldehyde
Concen: 31.064 ng
RT: 7.403 min Scan# 701
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Instrument :
BNA_G
ClientSampleId :
PB150355BS

Tgt Ion: 77 Resp: 33933
Ion Ratio Lower Upper
77 100
105 119.7 101.8 141.8
106 115.0 93.0 133.0

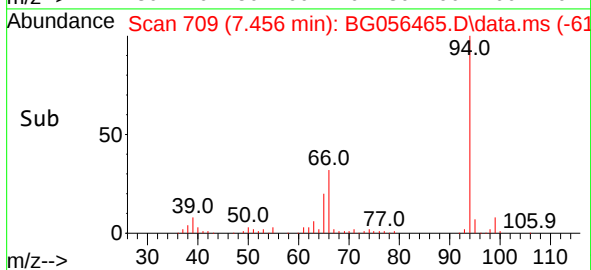
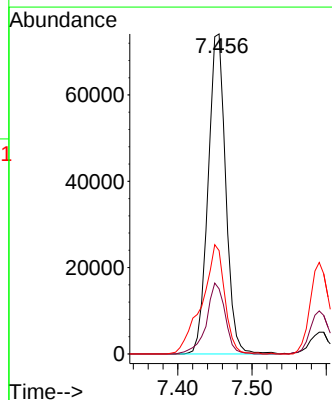
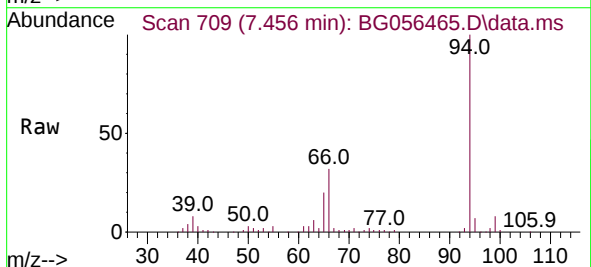
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#10
Phenol
Concen: 53.845 ng
RT: 7.456 min Scan# 709
Delta R.T. 0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Tgt Ion: 94 Resp: 122191
Ion Ratio Lower Upper
94 100
65 20.4 2.3 42.3
66 32.3 11.2 51.2





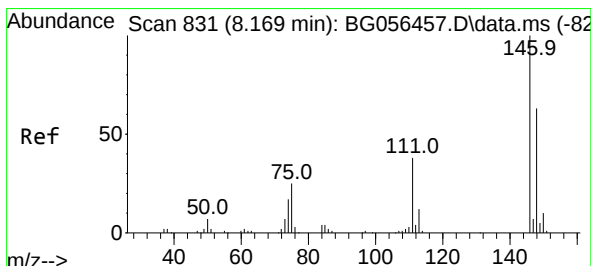
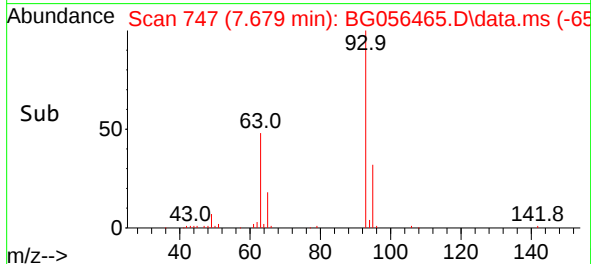
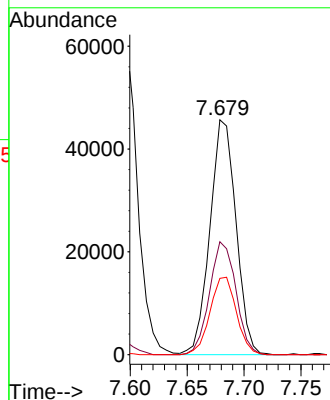
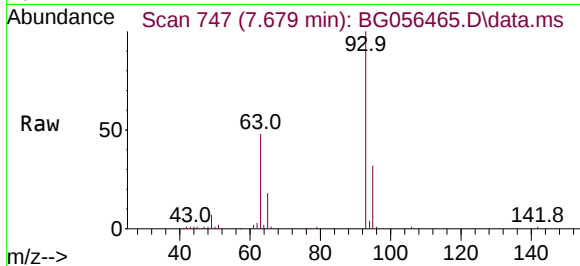
#11
bis(2-Chloroethyl)ether
Concen: 46.716 ng
RT: 7.679 min Scan# 748
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Instrument :
BNA_G
ClientSampleId :
PB150355BS

Tgt Ion: 93 Resp: 72869
Ion Ratio Lower Upper
93 100
63 48.1 32.4 72.4
95 32.5 11.8 51.8

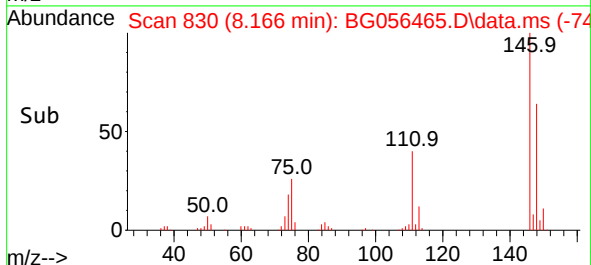
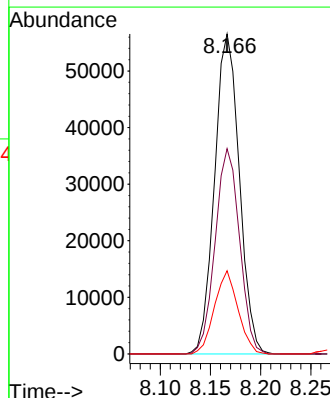
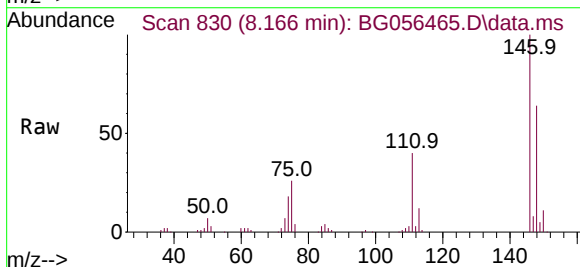
Manual Integrations
APPROVED

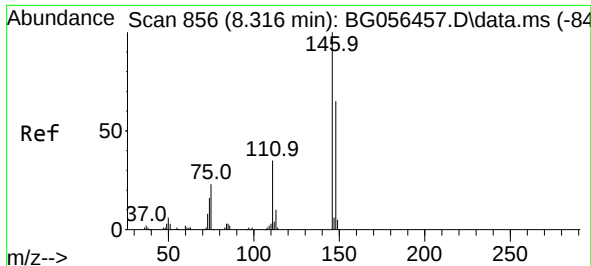
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#12
1,3-Dichlorobenzene
Concen: 50.956 ng
RT: 8.166 min Scan# 830
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

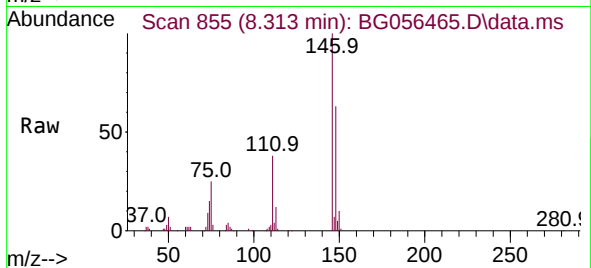
Tgt Ion:146 Resp: 97123
Ion Ratio Lower Upper
146 100
148 64.1 50.6 75.8
75 26.0 19.6 29.4





#13
1,4-Dichlorobenzene
Concen: 50.948 ng
RT: 8.313 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

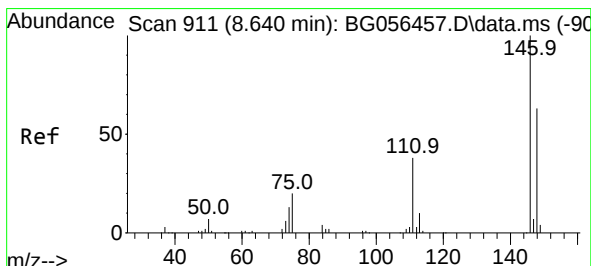
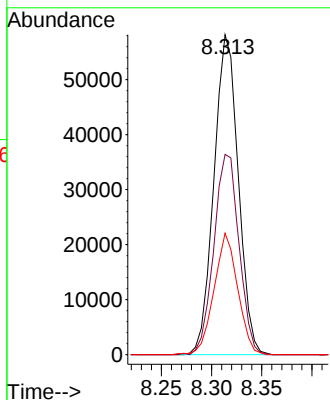
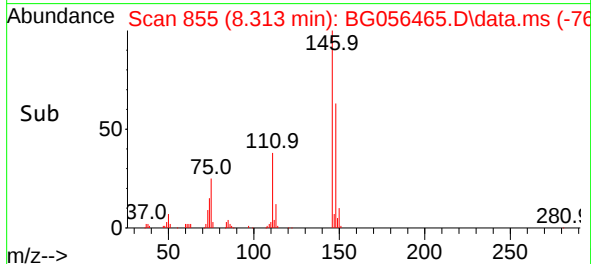
Instrument :
BNA_G
ClientSampleId :
PB150355BS



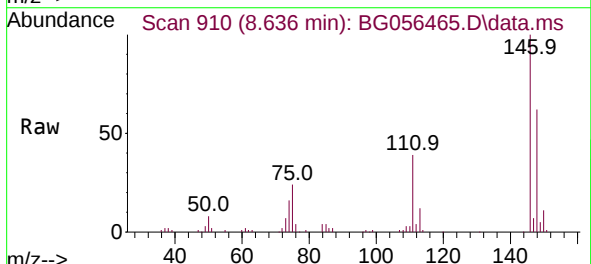
Tgt Ion:146 Resp: 98342
Ion Ratio Lower Upper
146 100
148 62.6 51.8 77.6
111 37.9 28.6 42.8

Manual Integrations
APPROVED

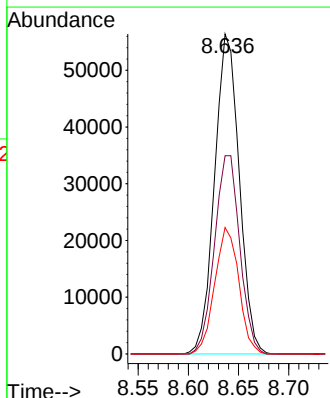
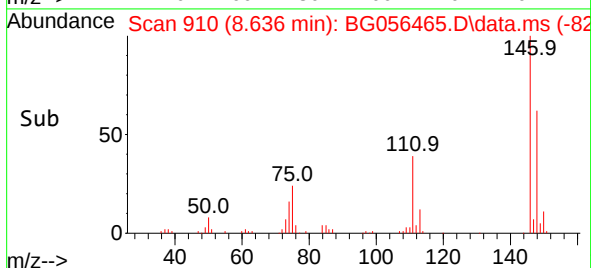
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

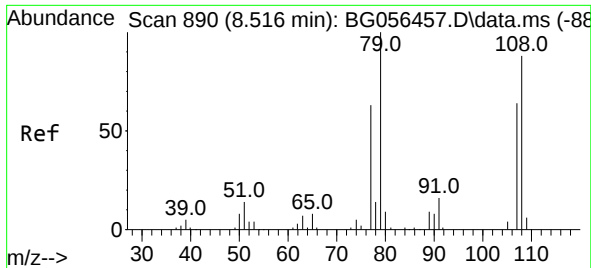


#14
1,2-Dichlorobenzene
Concen: 51.602 ng
RT: 8.636 min Scan# 910
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53



Tgt Ion:146 Resp: 96638
Ion Ratio Lower Upper
146 100
148 61.9 50.1 75.1
111 39.5 30.9 46.3





#15
Benzyl Alcohol
Concen: 51.314 ng
RT: 8.513 min Scan# 889
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Instrument :

BNA_G

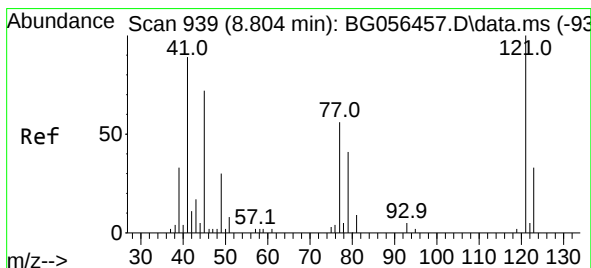
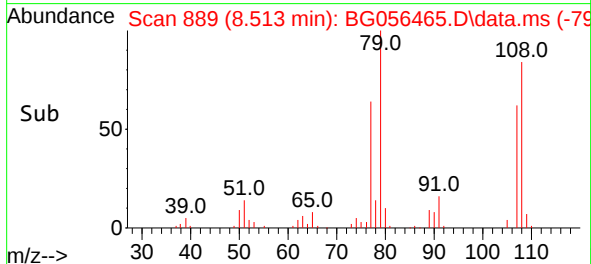
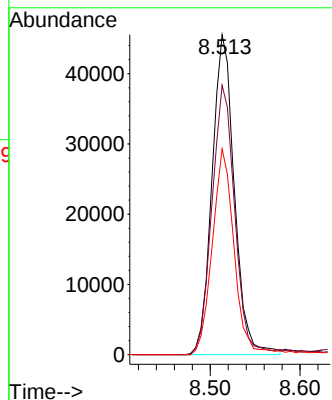
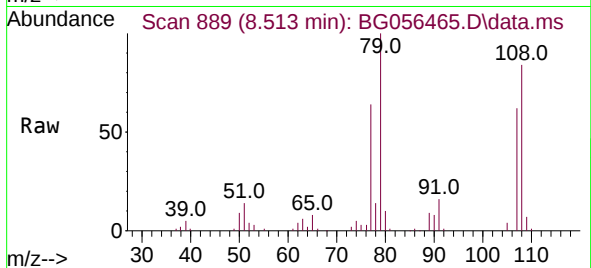
ClientSampleId :

PB150355BS

Tgt Ion: 79 Resp: 78608
Ion Ratio Lower Upper
79 100
108 84.2 70.1 105.1
77 64.3 50.3 75.5

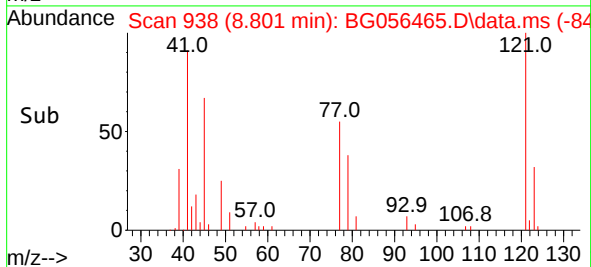
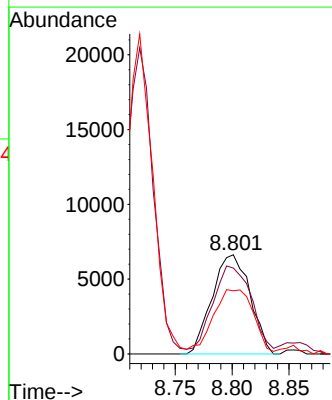
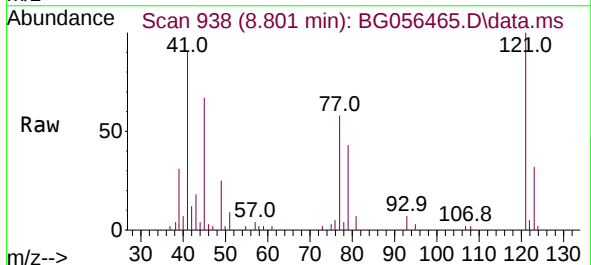
Manual Integrations
APPROVED

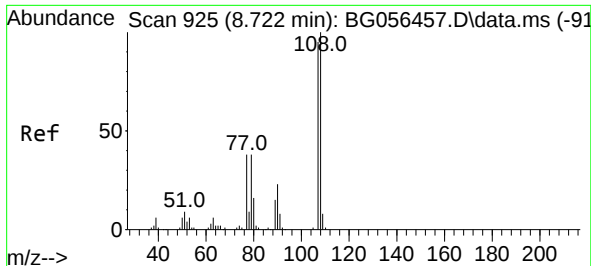
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.451 ng
RT: 8.801 min Scan# 938
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

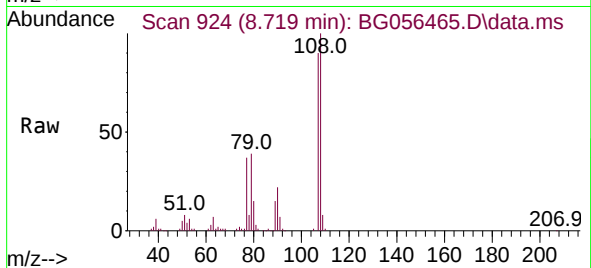
Tgt Ion: 45 Resp: 15352
Ion Ratio Lower Upper
45 100
77 86.5 62.1 102.1
79 63.7 42.7 82.7





#17
2-Methylphenol
Concen: 50.084 ng
RT: 8.719 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

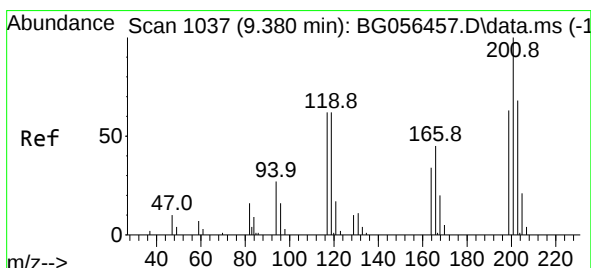
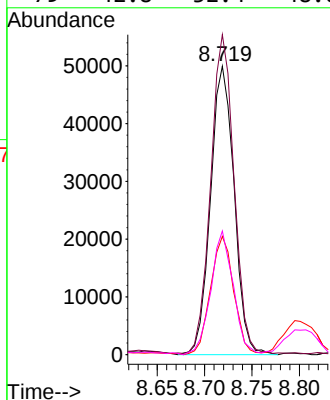
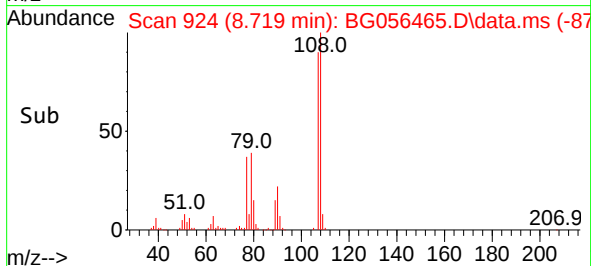
Instrument :
BNA_G
ClientSampleId :
PB150355BS



Tgt Ion:	107	Resp:	8646
Ion Ratio	Lower	Upper	
107	100		
108	111.0	83.9	125.9
77	41.0	31.6	47.4
79	42.8	32.4	48.6

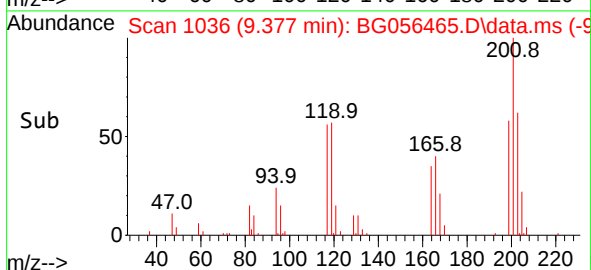
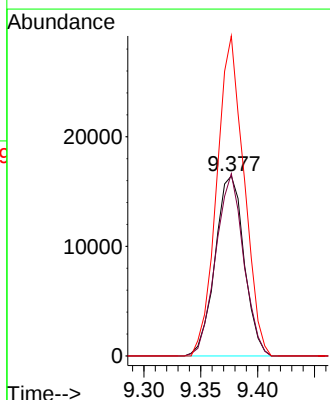
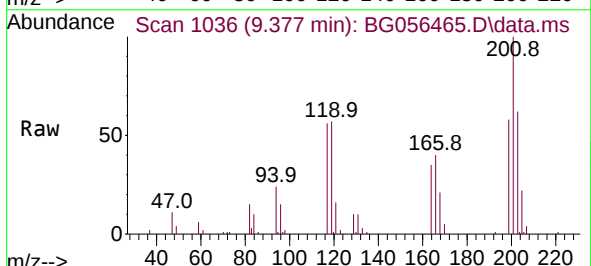
Manual Integrations
APPROVED

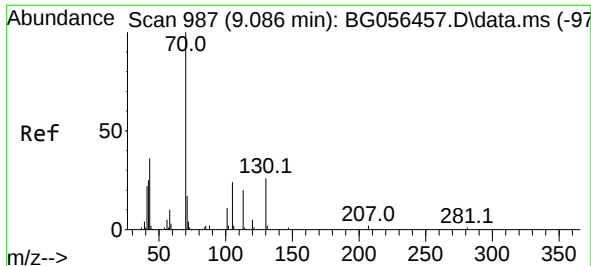
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#18
Hexachloroethane
Concen: 49.709 ng
RT: 9.377 min Scan# 1036
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

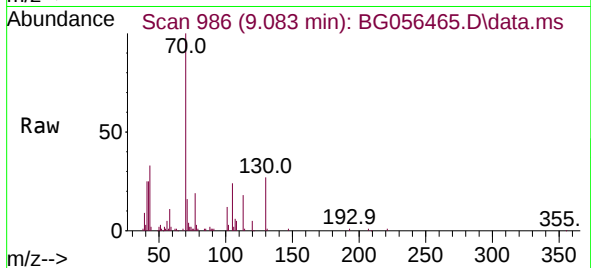
Tgt Ion:	117	Resp:	29021
Ion Ratio	Lower	Upper	
117	100		
119	101.2	79.4	119.0
201	177.8	128.5	192.7





#19
n-Nitroso-di-n-propylamine
Concen: 46.828 ng
RT: 9.083 min Scan# 987
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

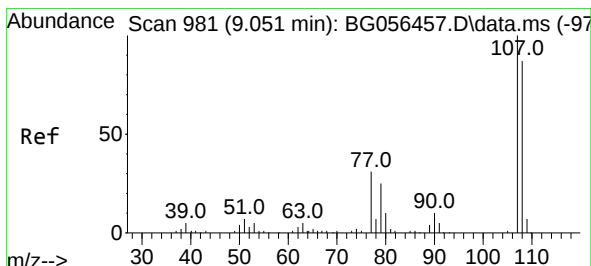
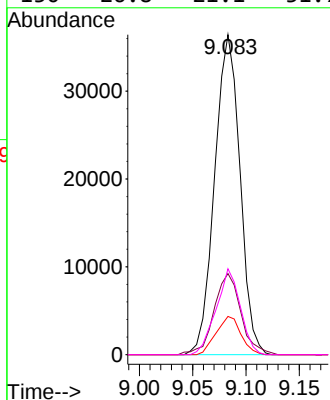
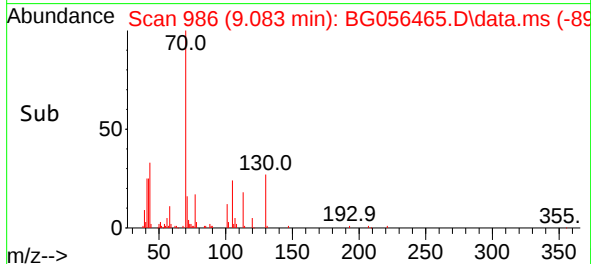
Instrument :
BNA_G
ClientSampleId :
PB150355BS



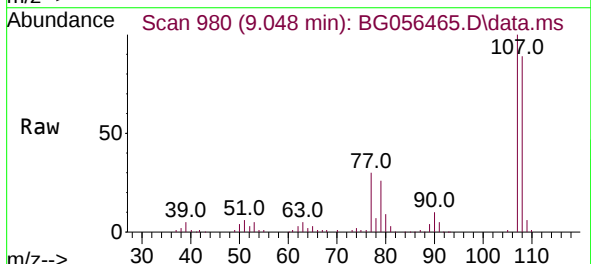
Tgt Ion: 70 Resp: 60254
Ion Ratio Lower Upper
70 100
42 25.3 20.2 30.4
101 11.9 9.1 13.7
130 26.8 21.1 31.7

Manual Integrations
APPROVED

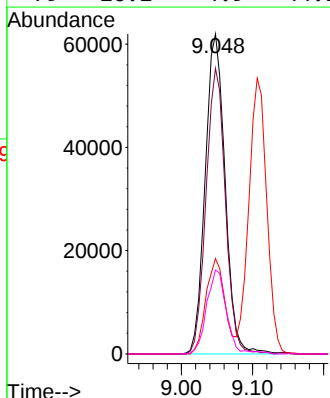
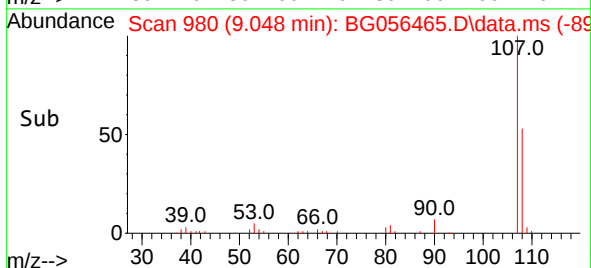
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

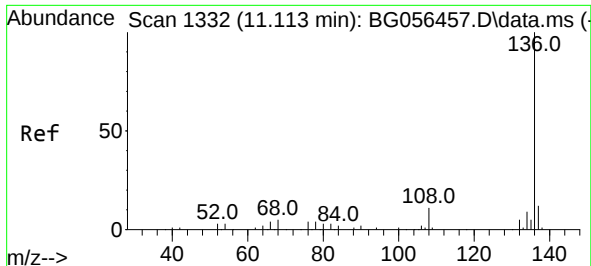


#20
3+4-Methylphenols
Concen: 49.653 ng
RT: 9.048 min Scan# 980
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53



Tgt Ion:107 Resp: 120132
Ion Ratio Lower Upper
107 100
108 89.2 66.7 106.7
77 29.8 10.6 50.6
79 26.2 4.9 44.9





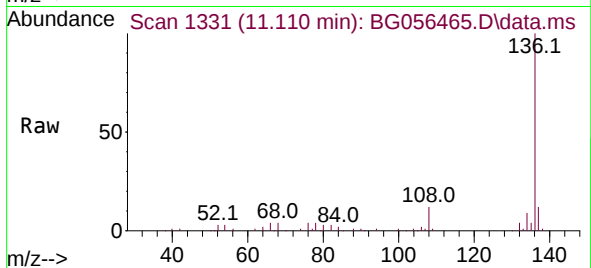
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.110 min Scan# 1331
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Instrument :

BNA_G

ClientSampleId :

PB150355BS

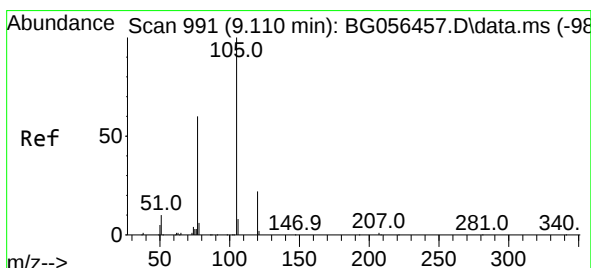
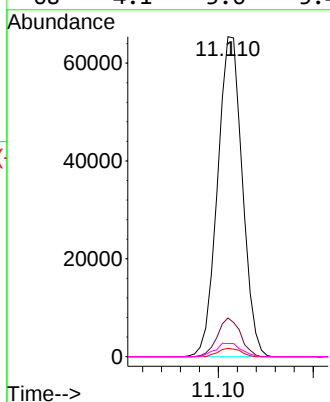
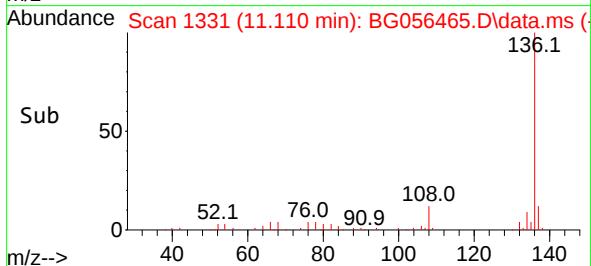


Tgt Ion:136 Resp: 11881
Ion Ratio Lower Upper
136 100
137 12.1 9.4 14.0
54 2.6 2.2 3.4
68 4.1 3.6 5.4

Manual Integrations

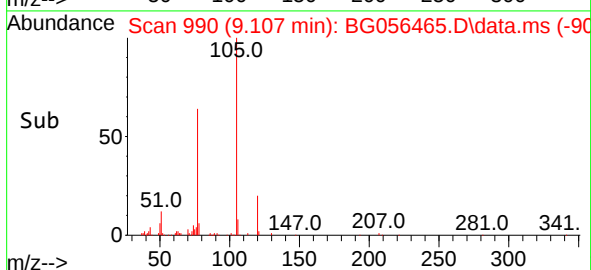
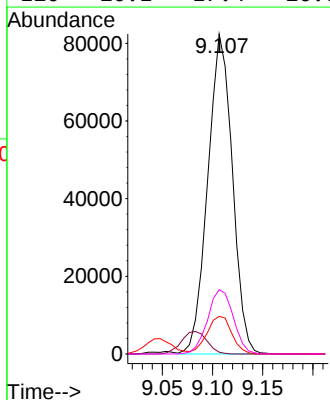
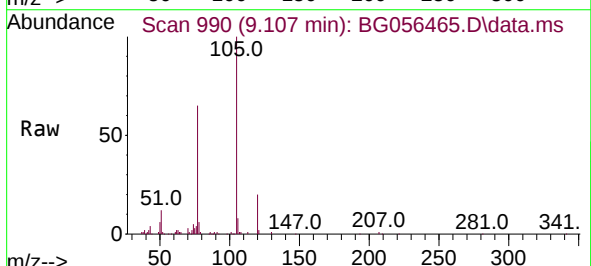
APPROVED

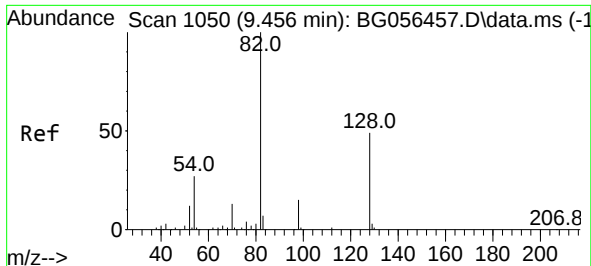
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#22
Acetophenone
Concen: 44.548 ng
RT: 9.107 min Scan# 990
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Tgt Ion:105 Resp: 140630
Ion Ratio Lower Upper
105 100
71 0.6 0.6 0.8#
51 11.7 9.2 13.8
120 20.1 17.4 26.0





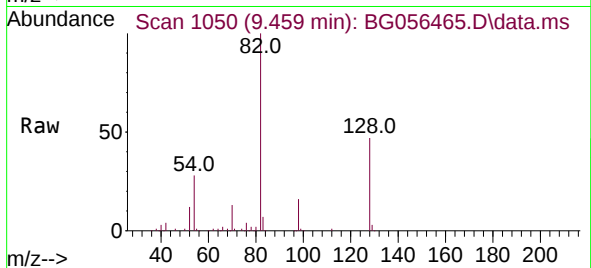
#23
Nitrobenzene-d5
Concen: 90.257 ng
RT: 9.459 min Scan# 1050
Delta R.T. 0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Instrument :

BNA_G

ClientSampleId :

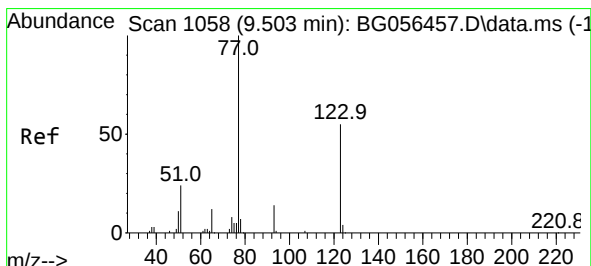
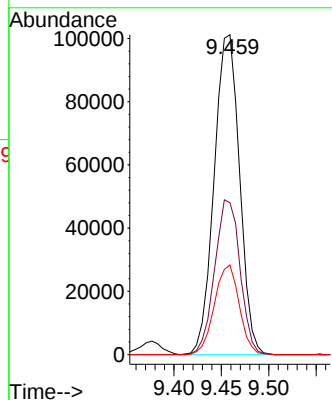
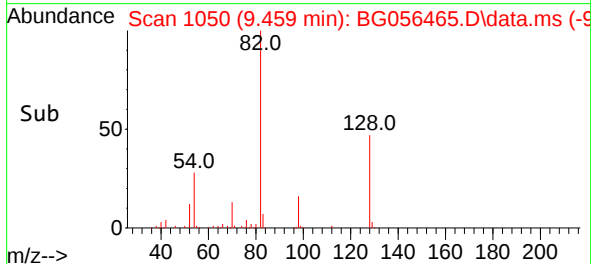
PB150355BS



Tgt Ion: 82 Resp: 188844
Ion Ratio Lower Upper
82 100
128 47.5 39.4 59.2
54 28.0 21.4 32.2

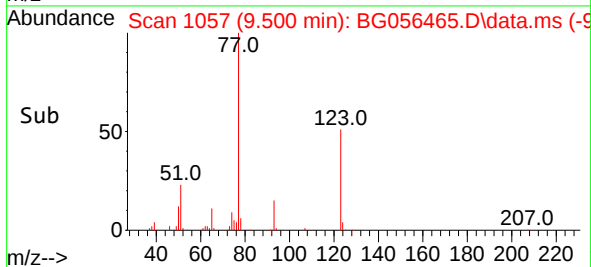
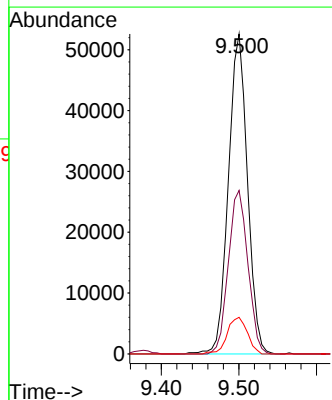
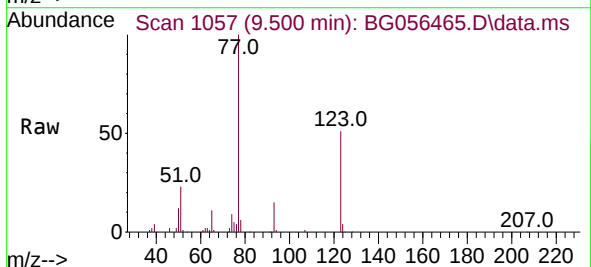
Manual Integrations
APPROVED

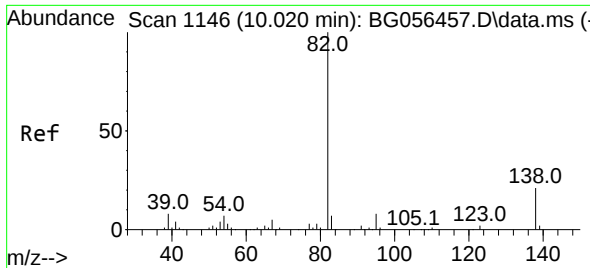
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#24
Nitrobenzene
Concen: 44.556 ng
RT: 9.500 min Scan# 1057
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Tgt Ion: 77 Resp: 89921
Ion Ratio Lower Upper
77 100
123 51.1 44.0 66.0
65 11.4 9.7 14.5





#25
Isophorone
Concen: 42.783 ng
RT: 10.017 min Scan# 1146
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Instrument :

BNA_G

ClientSampleId :

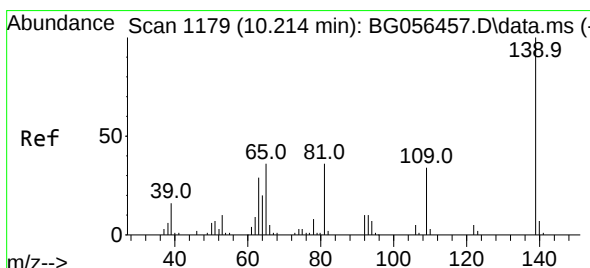
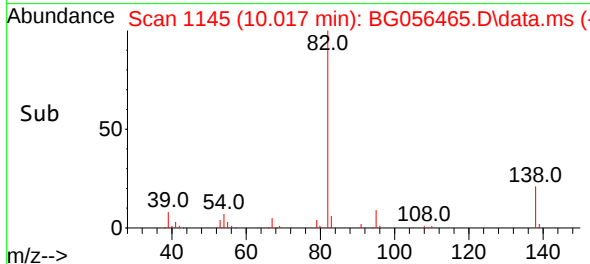
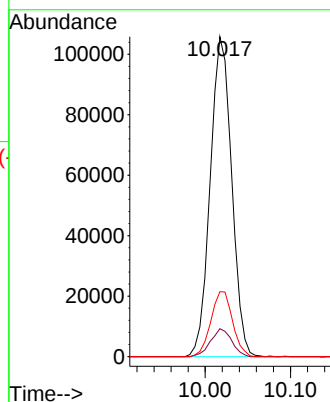
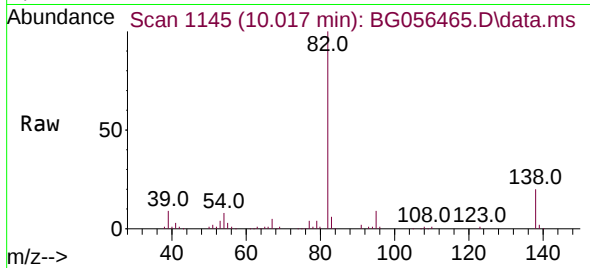
PB150355BS

Tgt Ion: 82 Resp: 184673
Ion Ratio Lower Upper
82 100
95 8.7 6.3 9.5
138 20.3 16.6 25.0

Manual Integrations

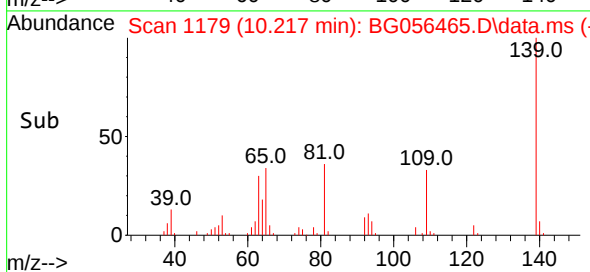
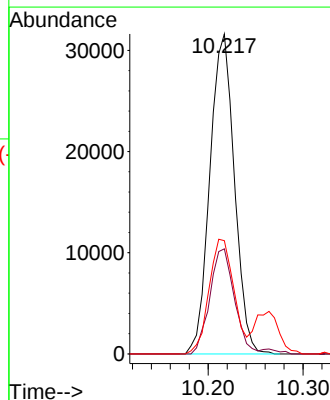
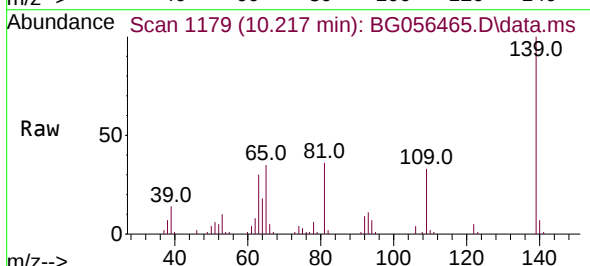
APPROVED

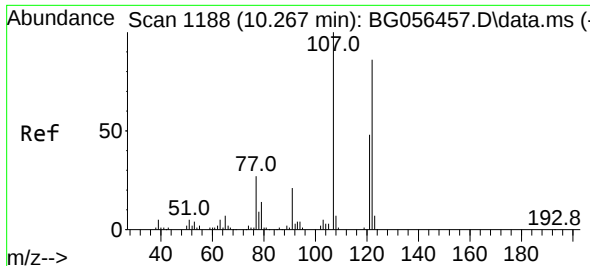
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#26
2-Nitrophenol
Concen: 46.417 ng
RT: 10.217 min Scan# 1179
Delta R.T. 0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Tgt Ion:139 Resp: 56837
Ion Ratio Lower Upper
139 100
109 32.8 26.9 40.3
65 35.4 29.0 43.4





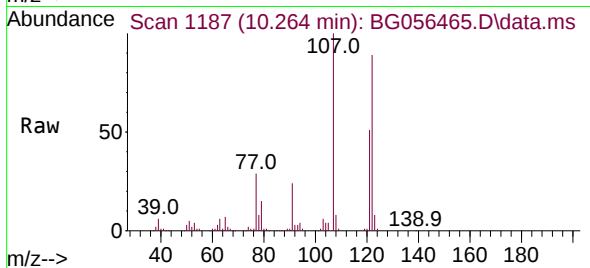
#27
2,4-Dimethylphenol
Concen: 48.952 ng
RT: 10.264 min Scan# 1187
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Instrument :

BNA_G

ClientSampleId :

PB150355BS

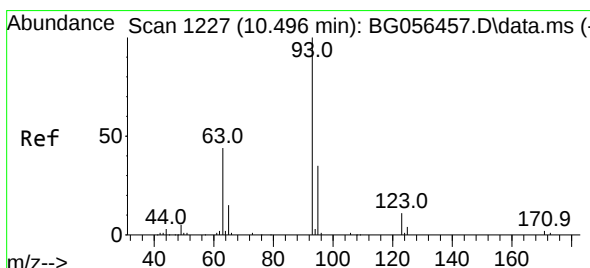
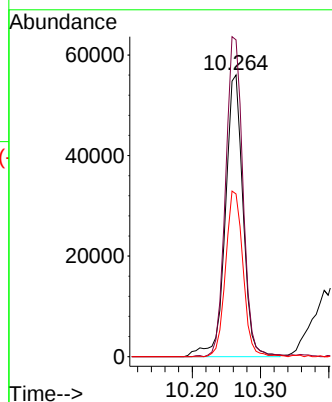
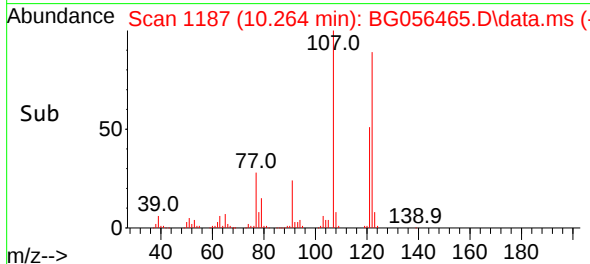


Tgt Ion:122 Resp: 100317
Ion Ratio Lower Upper
122 100
107 112.5 92.9 139.3
121 57.7 45.0 67.4

Manual Integrations

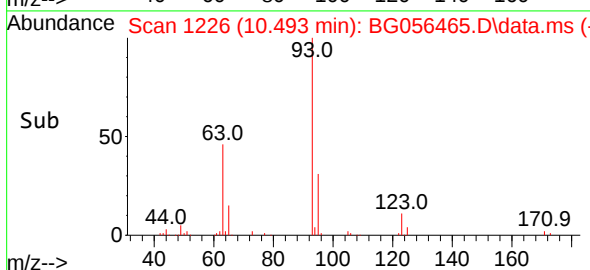
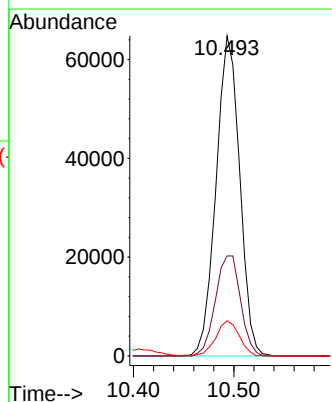
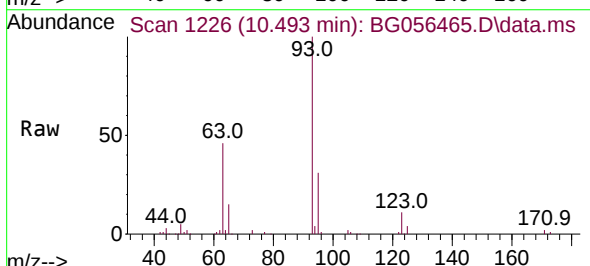
APPROVED

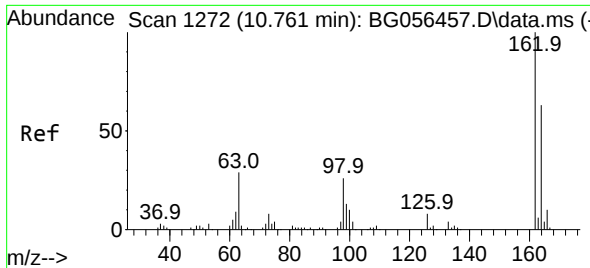
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.440 ng
RT: 10.493 min Scan# 1226
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Tgt Ion: 93 Resp: 105969
Ion Ratio Lower Upper
93 100
95 31.2 27.9 41.9
123 11.0 8.6 12.8





#29
2,4-Dichlorophenol
Concen: 49.926 ng
RT: 10.758 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Instrument :

BNA_G

ClientSampleId :

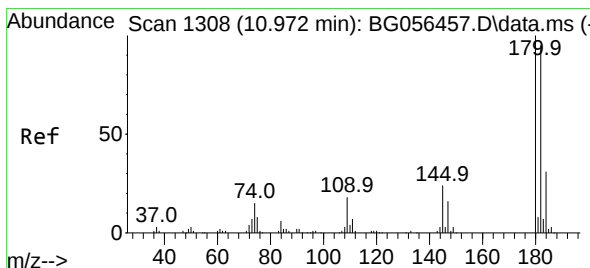
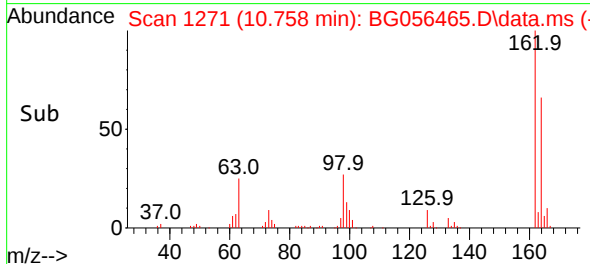
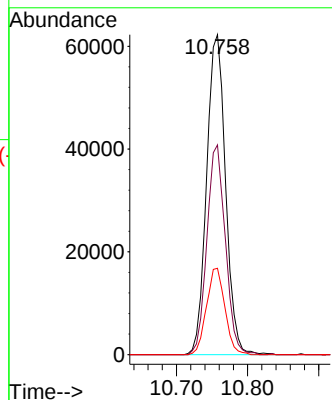
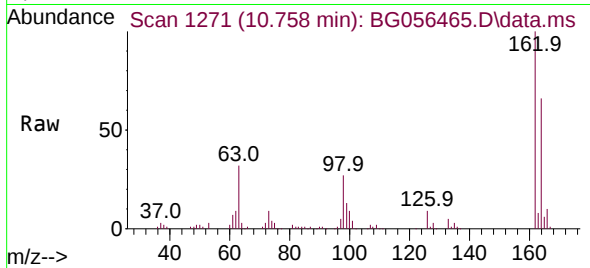
PB150355BS

Tgt Ion:162 Resp: 115165
Ion Ratio Lower Upper
162 100
164 65.5 42.8 82.8
98 27.0 6.5 46.5

Manual Integrations

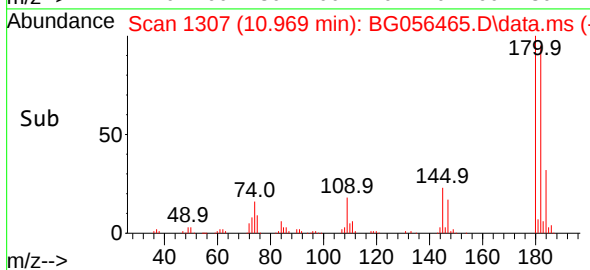
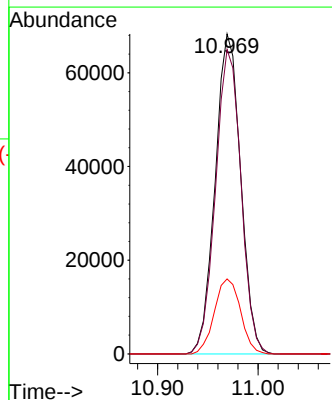
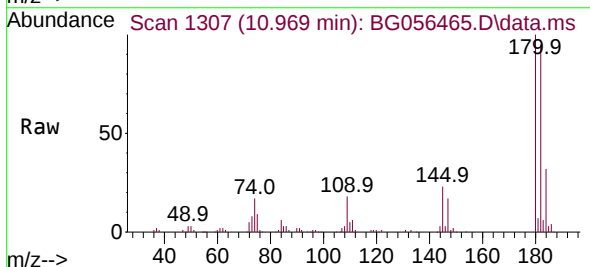
APPROVED

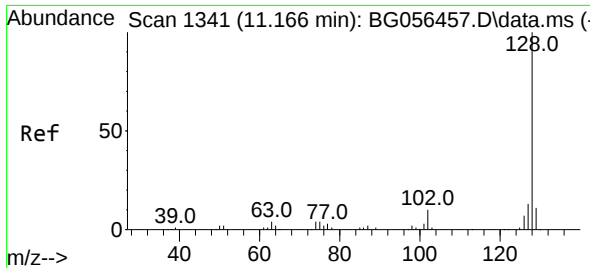
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#30
1,2,4-Trichlorobenzene
Concen: 47.036 ng
RT: 10.969 min Scan# 1307
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Tgt Ion:180 Resp: 120570
Ion Ratio Lower Upper
180 100
182 95.1 75.9 113.9
145 23.4 19.4 29.0





#31
Naphthalene
Concen: 44.383 ng
RT: 11.163 min Scan# 1341
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Instrument :

BNA_G

ClientSampleId :

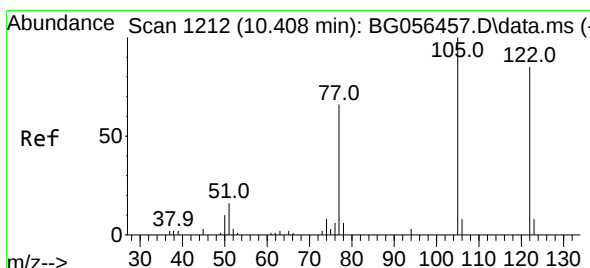
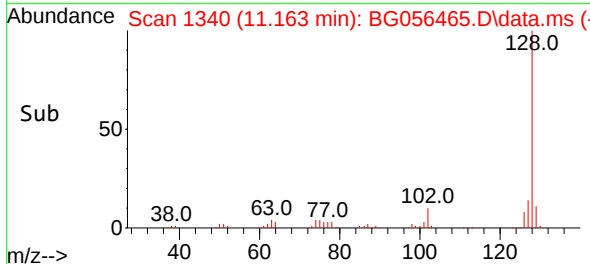
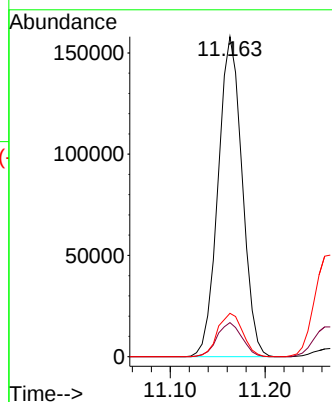
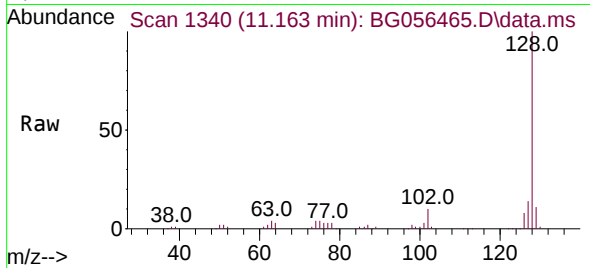
PB150355BS

Tgt Ion:128 Resp: 278323
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.6 10.4 15.6

Manual Integrations

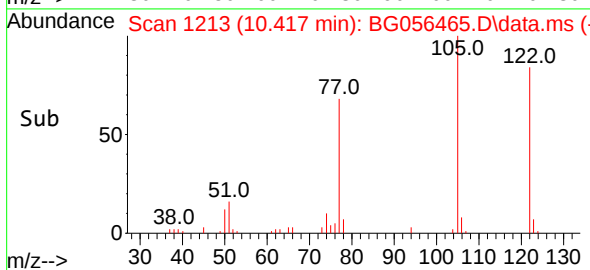
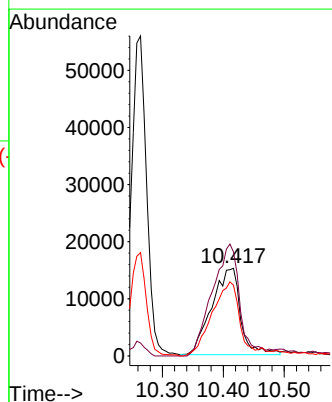
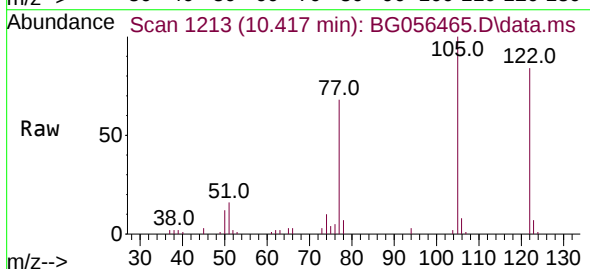
APPROVED

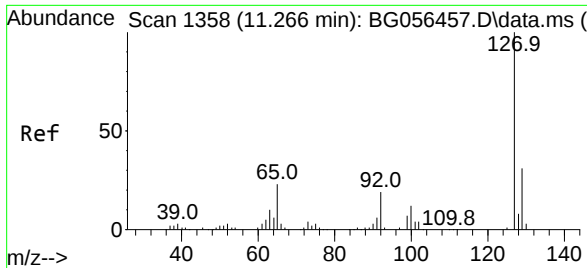
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#32
Benzoic acid
Concen: 43.337 ng
RT: 10.417 min Scan# 1213
Delta R.T. 0.009 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Tgt Ion:122 Resp: 49687
Ion Ratio Lower Upper
122 100
105 118.6 96.5 136.5
77 80.6 57.3 97.3





#33
4-Chloroaniline
Concen: 33.419 ng
RT: 11.269 min Scan# 1358
Delta R.T. 0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Instrument :

BNA_G

ClientSampleId :

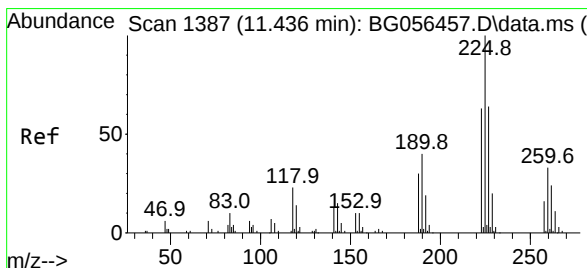
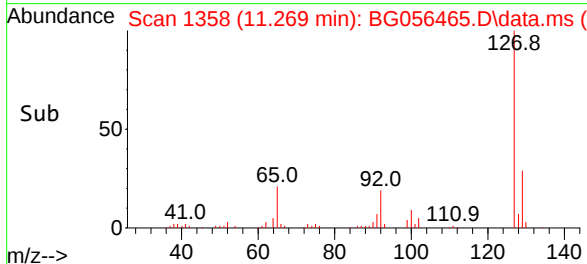
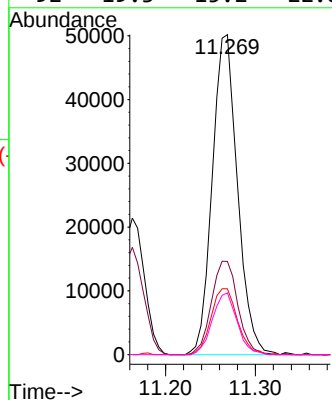
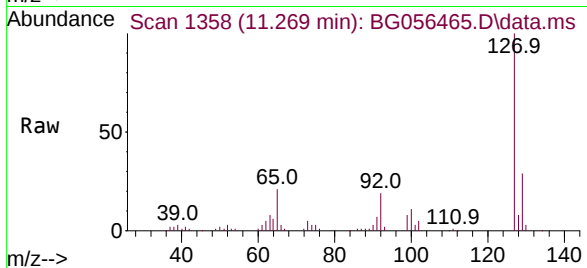
PB150355BS

Tgt Ion:127 Resp: 97824
Ion Ratio Lower Upper
127 100
129 29.2 25.0 37.6
65 20.6 18.5 27.7
92 19.3 15.2 22.8

Manual Integrations

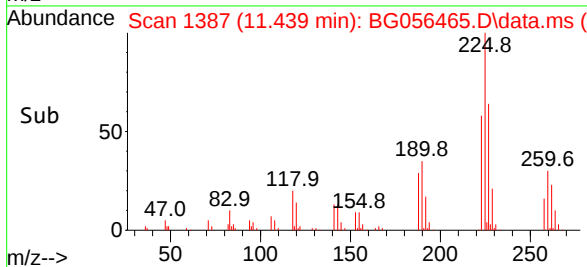
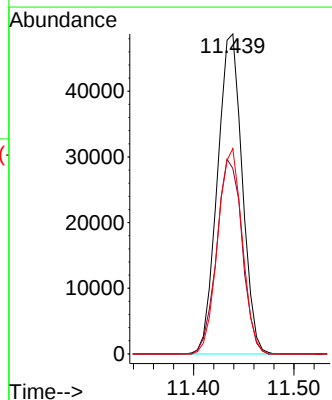
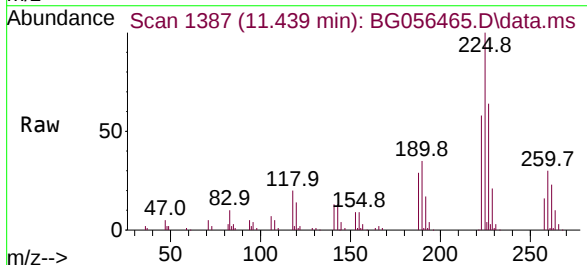
APPROVED

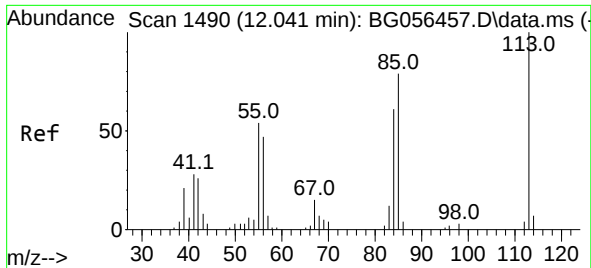
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#34
Hexachlorobutadiene
Concen: 46.481 ng
RT: 11.439 min Scan# 1387
Delta R.T. 0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Tgt Ion:225 Resp: 83633
Ion Ratio Lower Upper
225 100
223 58.0 50.6 75.8
227 64.2 53.7 80.5





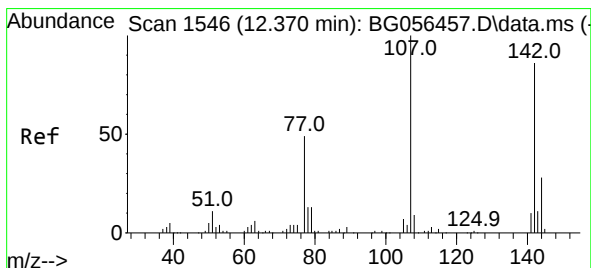
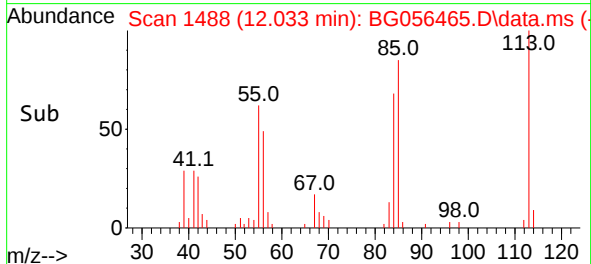
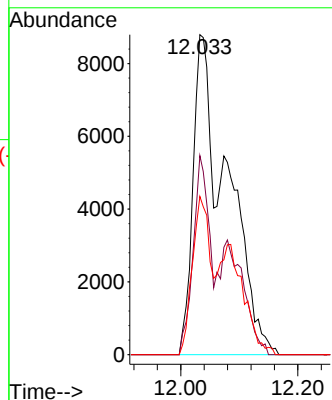
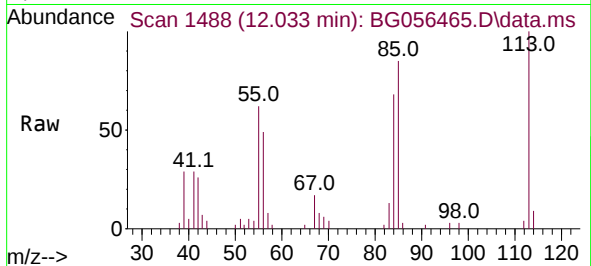
#35
Caprolactam
Concen: 45.100 ng m
RT: 12.033 min Scan# 1490
Delta R.T. -0.009 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Instrument :
BNA_G
ClientSampleId :
PB150355BS

Tgt Ion:113 Resp: 35086
Ion Ratio Lower Upper
113 100
55 62.2 33.7 73.7
56 49.4 27.1 67.1

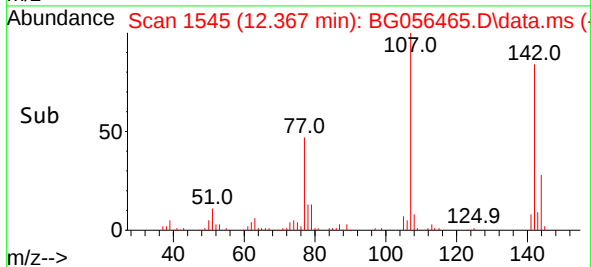
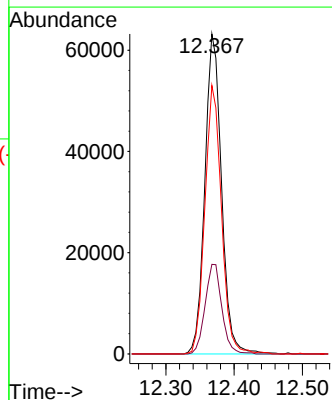
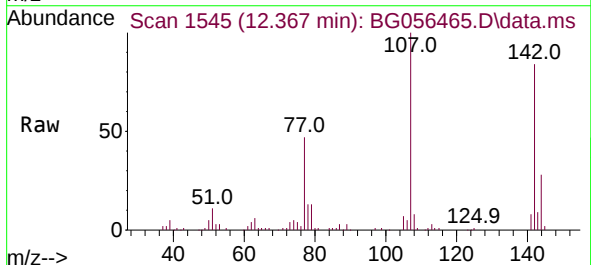
Manual Integrations
APPROVED

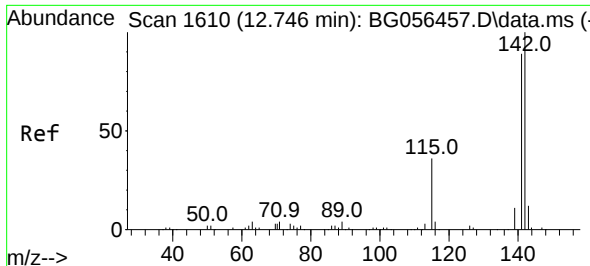
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#36
4-Chloro-3-methylphenol
Concen: 48.184 ng
RT: 12.367 min Scan# 1545
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

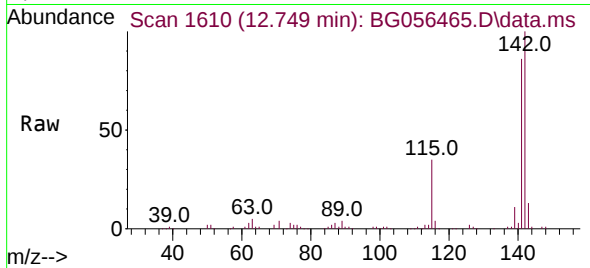
Tgt Ion:107 Resp: 107336
Ion Ratio Lower Upper
107 100
144 28.0 22.3 33.5
142 83.9 68.9 103.3





#37
2-Methylnaphthalene
Concen: 43.556 ng
RT: 12.749 min Scan# 1610
Delta R.T. 0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

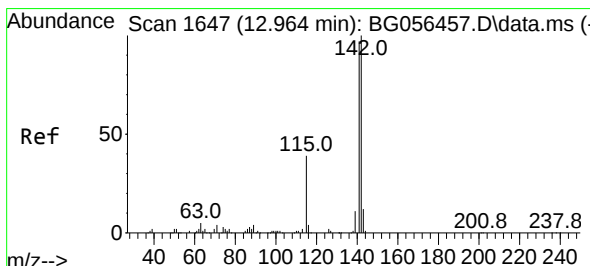
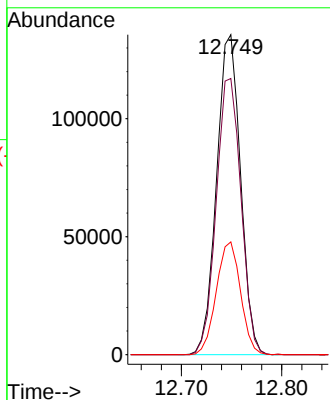
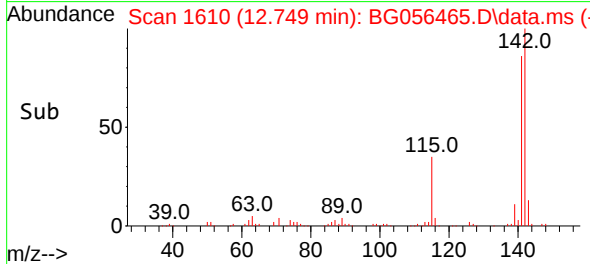
Instrument :
BNA_G
ClientSampleId :
PB150355BS



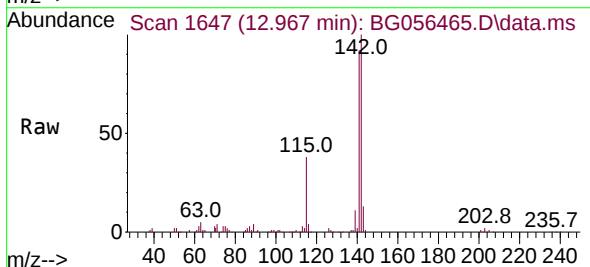
Tgt Ion:142 Resp: 225175
Ion Ratio Lower Upper
142 100
141 86.3 71.4 107.0
115 35.2 28.4 42.6

Manual Integrations
APPROVED

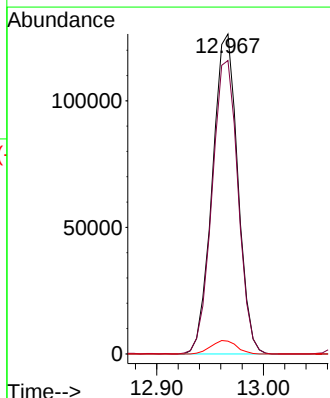
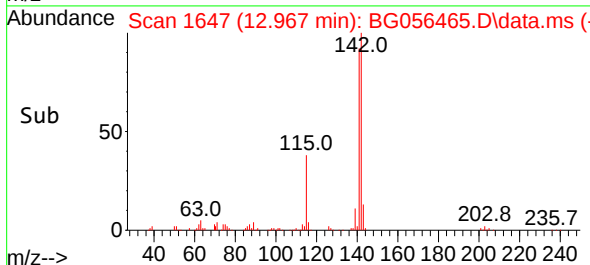
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

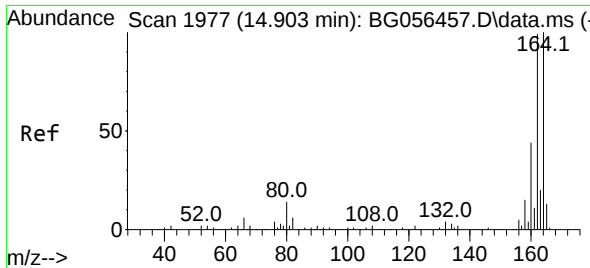


#38
1-Methylnaphthalene
Concen: 43.415 ng
RT: 12.967 min Scan# 1647
Delta R.T. 0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53



Tgt Ion:142 Resp: 209617
Ion Ratio Lower Upper
142 100
141 91.7 77.7 116.5
116 4.0 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.900 min Scan# 1977
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Instrument :

BNA_G

ClientSampleId :

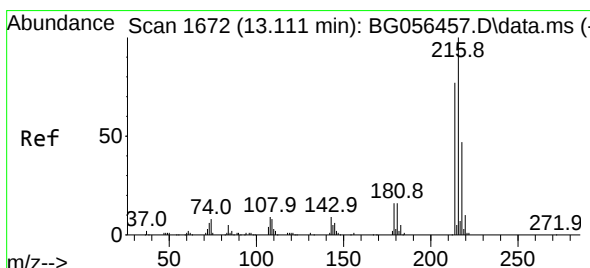
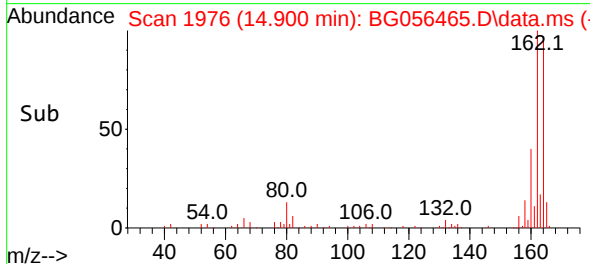
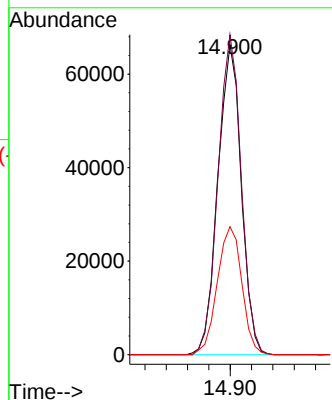
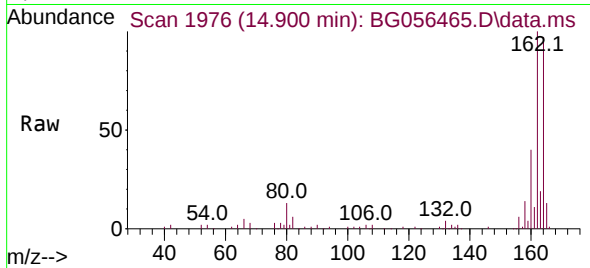
PB150355BS

Tgt Ion:164 Resp: 101208
Ion Ratio Lower Upper
164 100
162 103.2 79.6 119.4
160 41.3 34.9 52.3

Manual Integrations

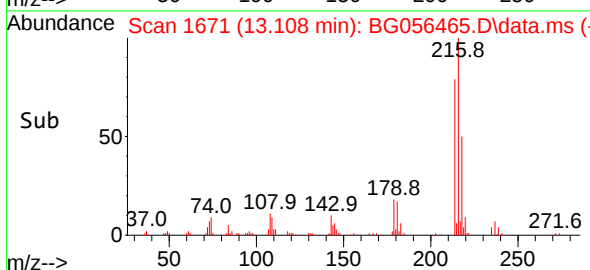
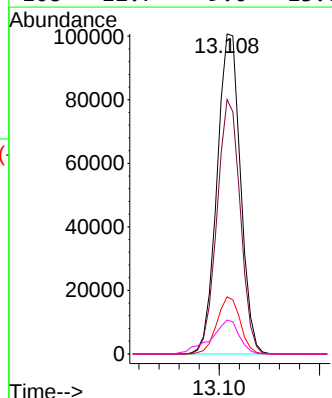
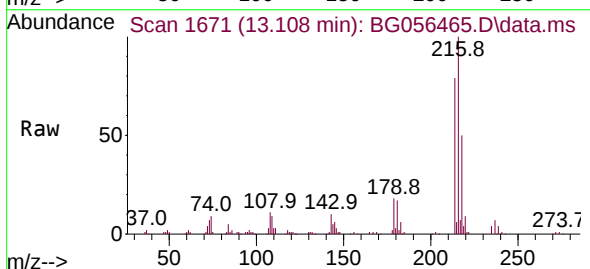
APPROVED

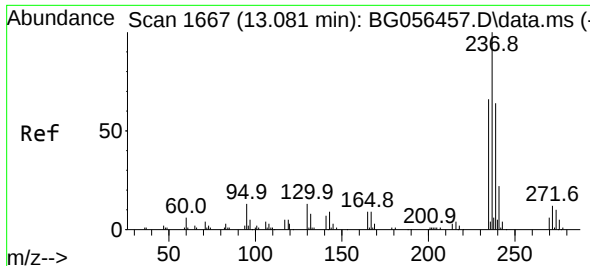
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.319 ng
RT: 13.108 min Scan# 1671
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

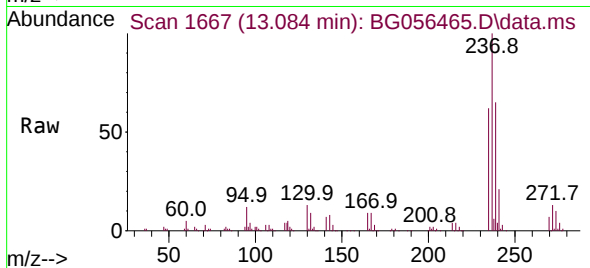
Tgt Ion:216 Resp: 163868
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.6
179 17.6 14.1 21.1
108 12.7 9.0 13.6





#41
Hexachlorocyclopentadiene
Concen: 98.342 ng
RT: 13.084 min Scan# 1667
Delta R.T. 0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

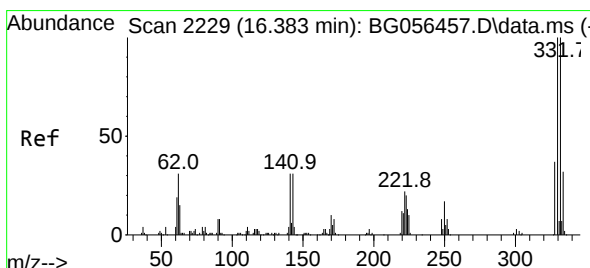
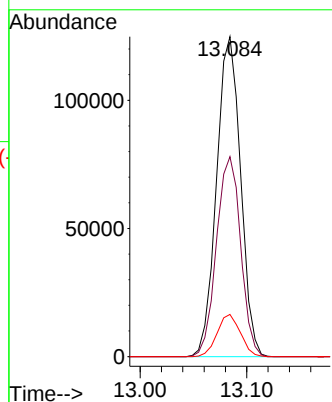
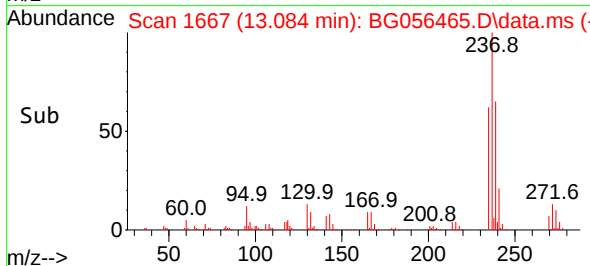
Instrument :
BNA_G
ClientSampleId :
PB150355BS



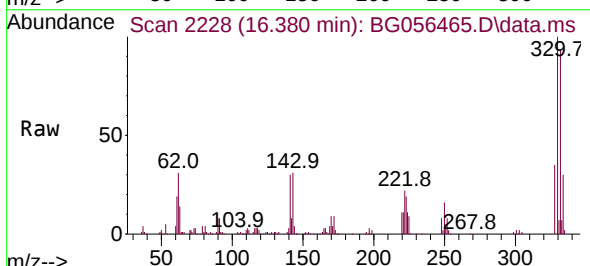
Tgt Ion:237 Resp: 195862
Ion Ratio Lower Upper
237 100
235 62.5 45.6 85.6
272 13.2 0.0 32.3

Manual Integrations
APPROVED

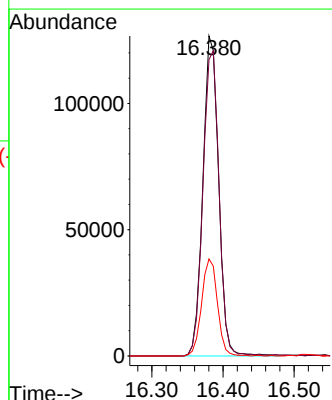
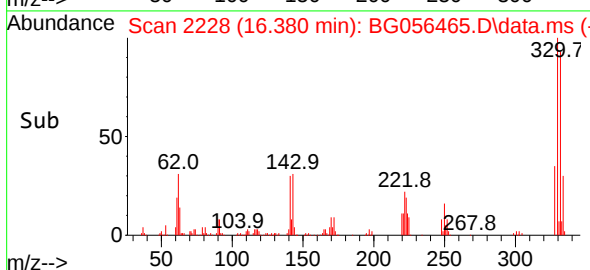
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

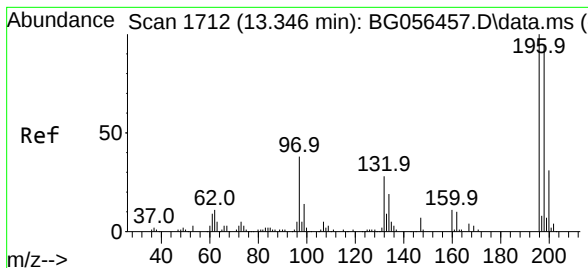


#42
2,4,6-Tribromophenol
Concen: 144.430 ng
RT: 16.380 min Scan# 2228
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53



Tgt Ion:330 Resp: 194331
Ion Ratio Lower Upper
330 100
332 96.9 79.0 118.6
141 30.3 24.2 36.4





#43
2,4,6-Trichlorophenol
Concen: 47.279 ng
RT: 13.343 min Scan# 1712
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Instrument :

BNA_G

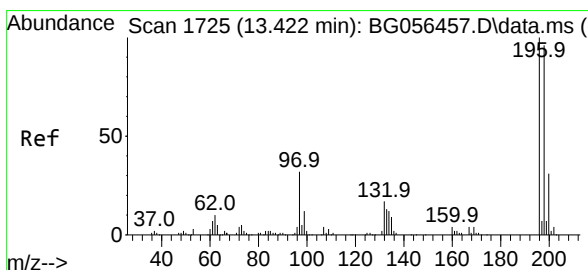
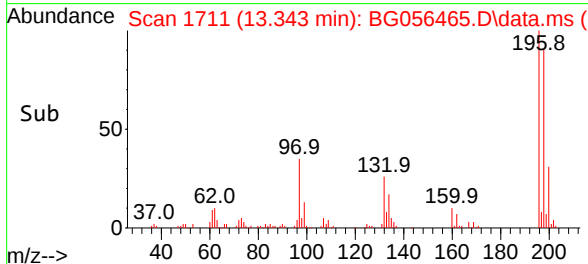
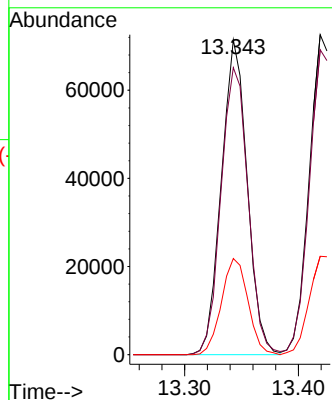
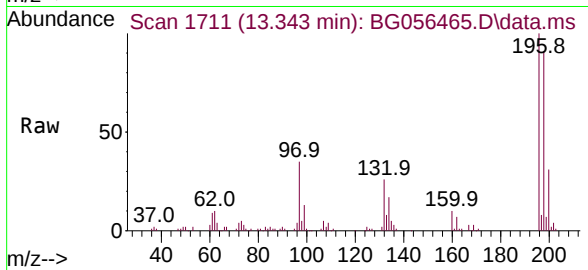
ClientSampleId :

PB150355BS

Tgt Ion:196 Resp: 112653
Ion Ratio Lower Upper
196 100
198 91.2 75.4 113.0
200 30.5 25.0 37.6

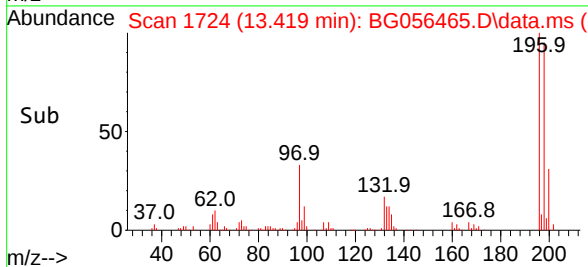
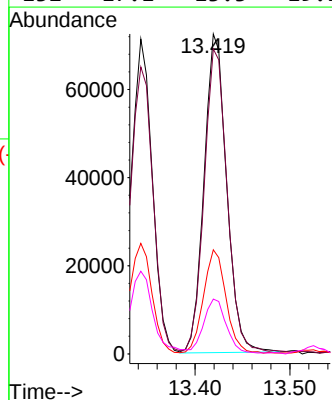
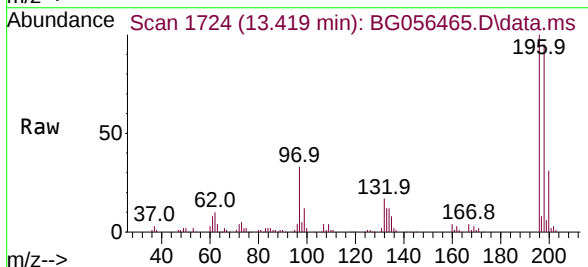
Manual Integrations
APPROVED

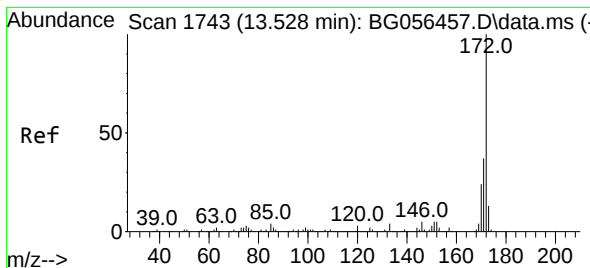
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#44
2,4,5-Trichlorophenol
Concen: 42.993 ng
RT: 13.419 min Scan# 1724
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

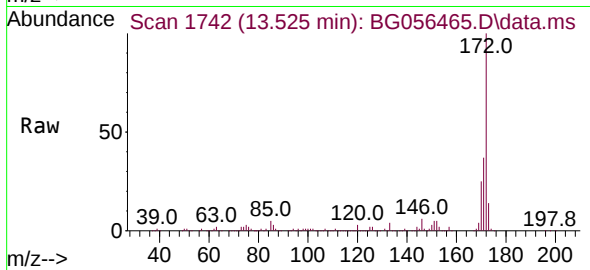
Tgt Ion:196 Resp: 119941
Ion Ratio Lower Upper
196 100
198 95.3 76.9 115.3
97 32.5 25.8 38.6
132 17.1 13.3 19.9





#45
2-Fluorobiphenyl
Concen: 90.619 ng
RT: 13.525 min Scan# 1743
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

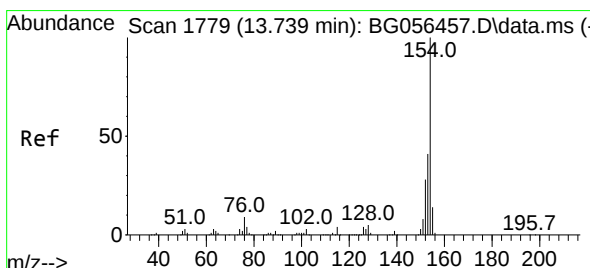
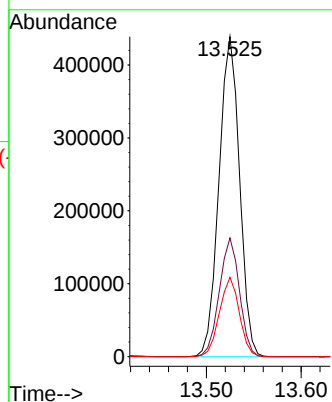
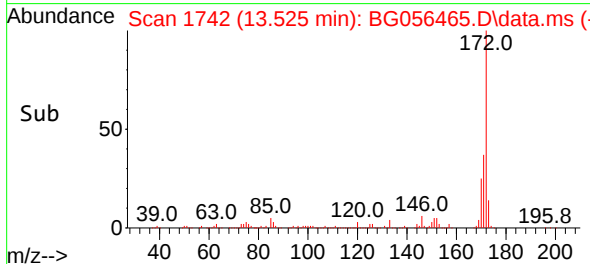
Instrument :
BNA_G
ClientSampleId :
PB150355BS



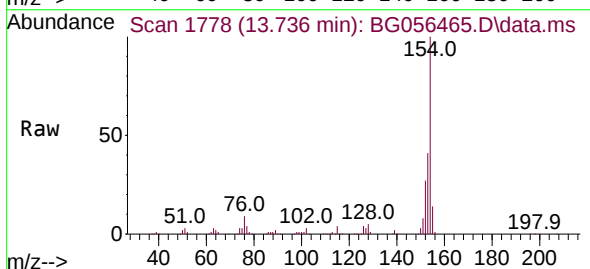
Tgt Ion:172 Resp: 661514
Ion Ratio Lower Upper
172 100
171 37.1 29.5 44.3
170 24.8 19.2 28.8

Manual Integrations
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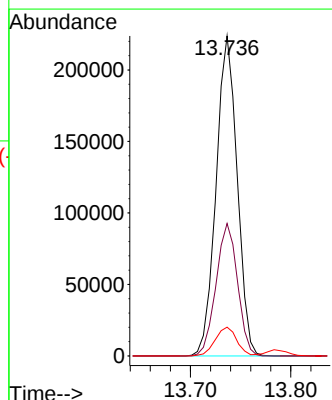
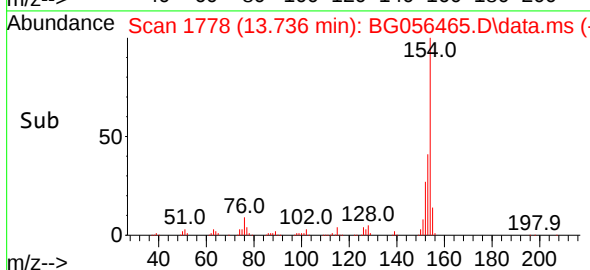
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

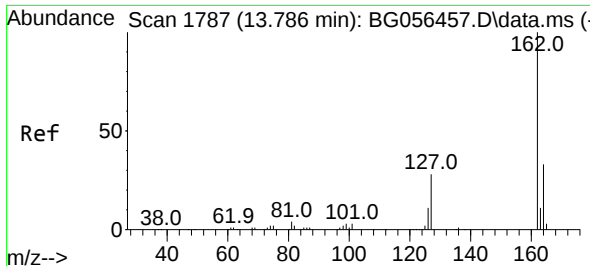


#46
1,1'-Biphenyl
Concen: 44.535 ng
RT: 13.736 min Scan# 1778
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53



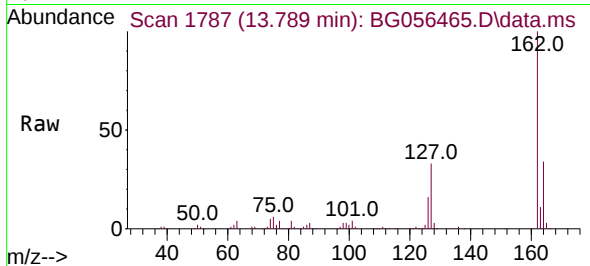
Tgt Ion:154 Resp: 326926
Ion Ratio Lower Upper
154 100
153 41.4 21.5 61.5
76 9.0 0.0 28.8





#47
2-Chloronaphthalene
Concen: 45.162 ng
RT: 13.789 min Scan# 1787
Delta R.T. 0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

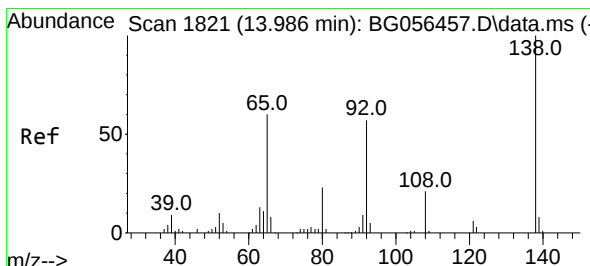
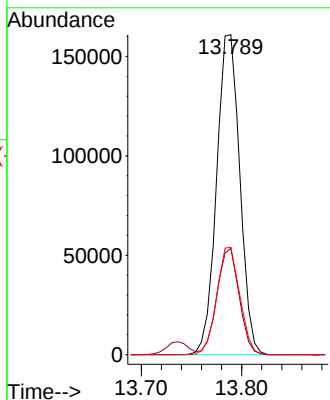
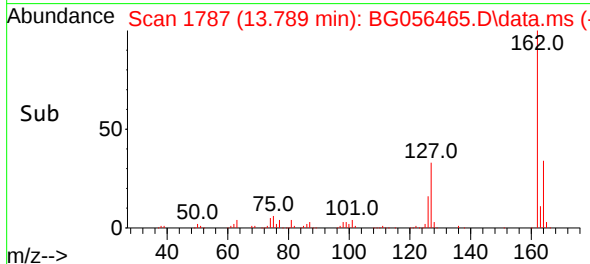
Instrument :
BNA_G
ClientSampleId :
PB150355BS



Tgt Ion:162 Resp: 259136
Ion Ratio Lower Upper
162 100
127 33.2 25.2 37.8
164 33.5 26.2 39.2

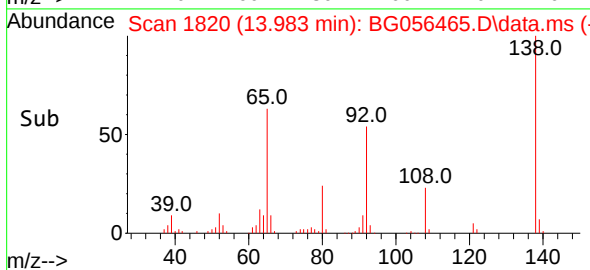
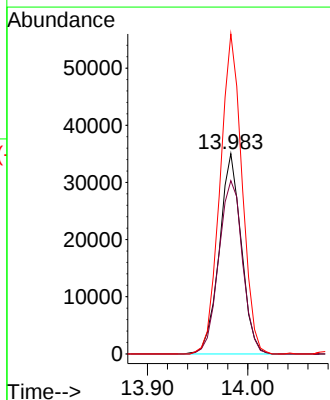
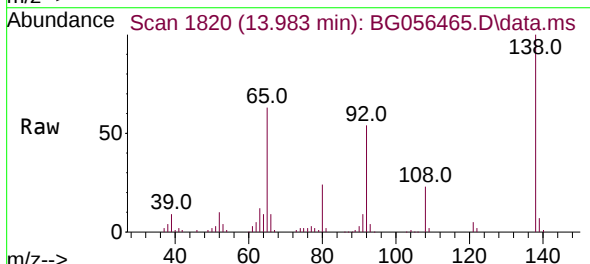
Manual Integrations
APPROVED

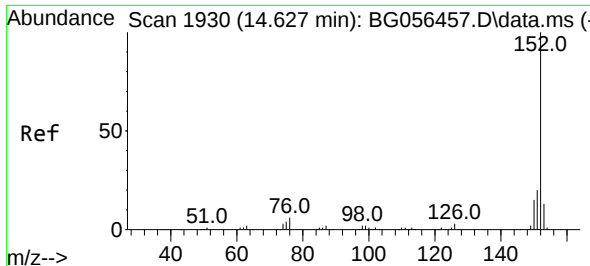
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#48
2-Nitroaniline
Concen: 44.987 ng
RT: 13.983 min Scan# 1820
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

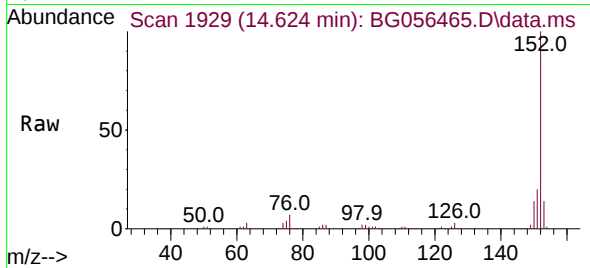
Tgt Ion: 65 Resp: 53362
Ion Ratio Lower Upper
65 100
92 86.5 75.8 113.6
138 159.8 133.2 199.8





#49
Acenaphthylene
Concen: 44.416 ng
RT: 14.624 min Scan# 1930
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

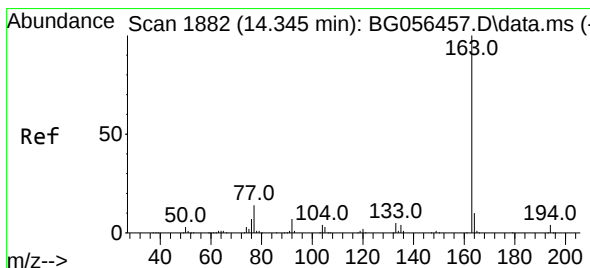
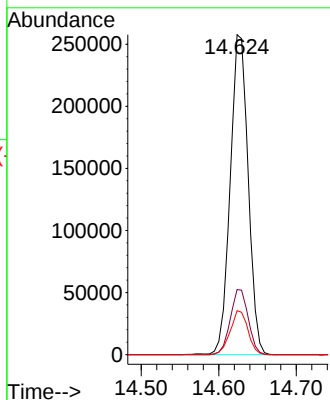
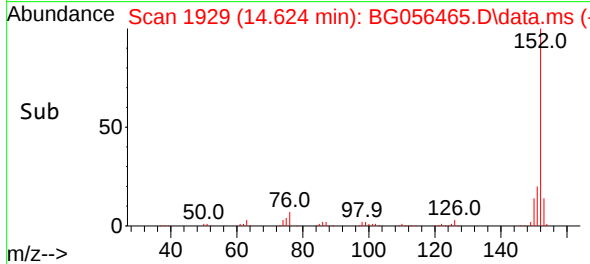
Instrument :
BNA_G
ClientSampleId :
PB150355BS



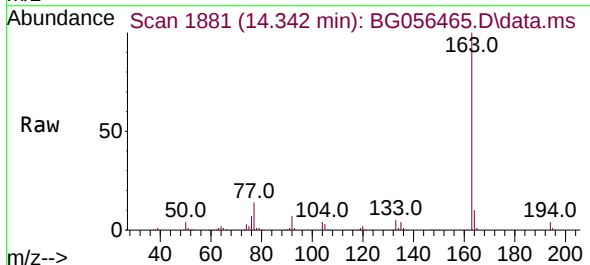
Tgt Ion:152 Resp: 414636
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.7 10.5 15.7

Manual Integrations
APPROVED

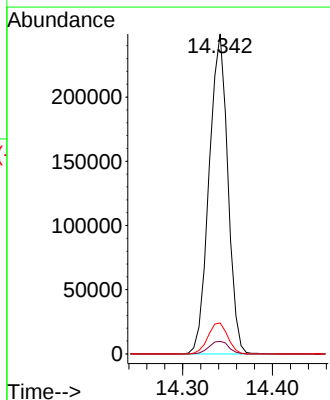
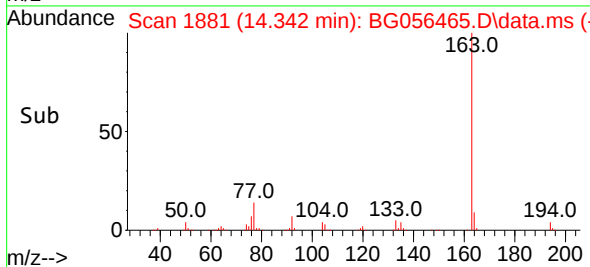
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

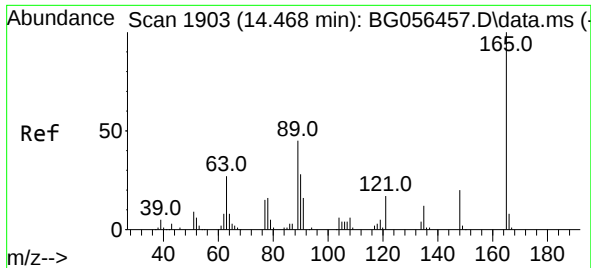


#50
Dimethylphthalate
Concen: 44.084 ng
RT: 14.342 min Scan# 1881
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53



Tgt Ion:163 Resp: 360957
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 9.7 8.1 12.1





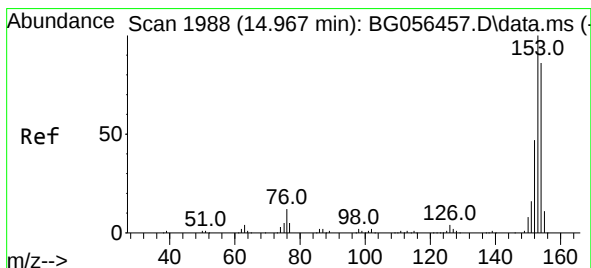
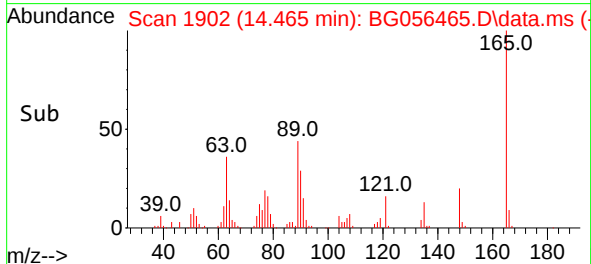
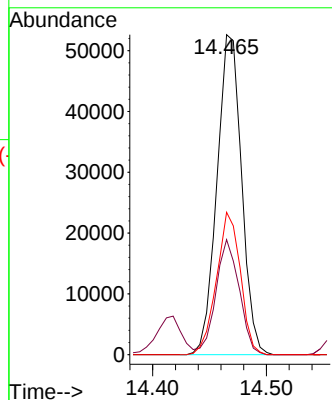
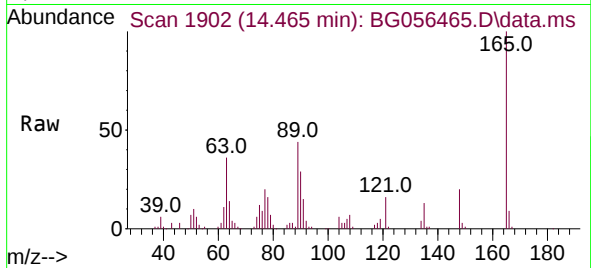
#51
2,6-Dinitrotoluene
Concen: 44.377 ng
RT: 14.465 min Scan# 1903
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Instrument :
BNA_G
ClientSampleId :
PB150355BS

Tgt Ion:165 Resp: 79240
Ion Ratio Lower Upper
165 100
63 35.9 26.9 40.3
89 44.5 35.6 53.4

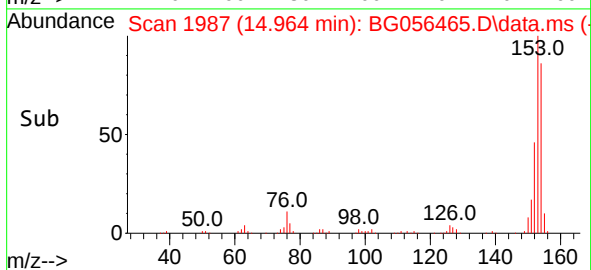
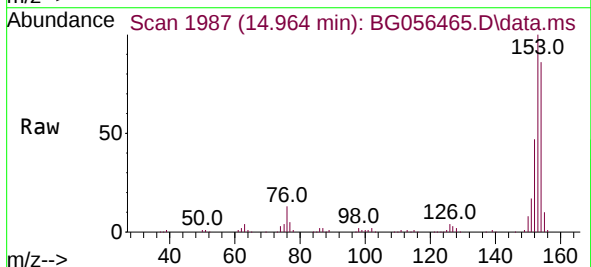
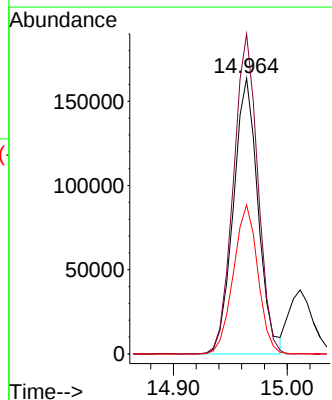
Manual Integrations
APPROVED

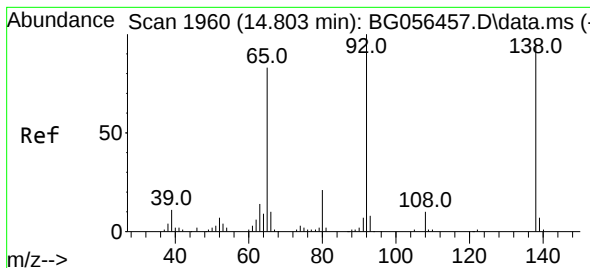
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#52
Acenaphthene
Concen: 44.696 ng
RT: 14.964 min Scan# 1987
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

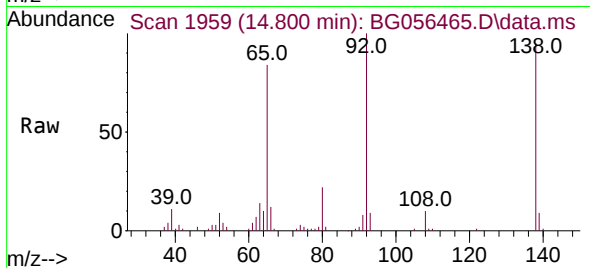
Tgt Ion:154 Resp: 247433
Ion Ratio Lower Upper
154 100
153 116.1 93.4 140.0
152 54.0 43.4 65.2





#53
3-Nitroaniline
Concen: 33.262 ng
RT: 14.800 min Scan# 1960
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

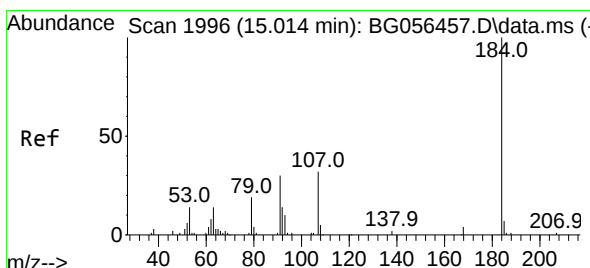
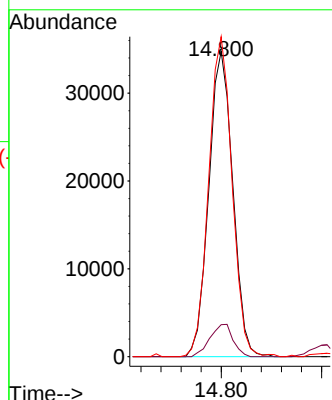
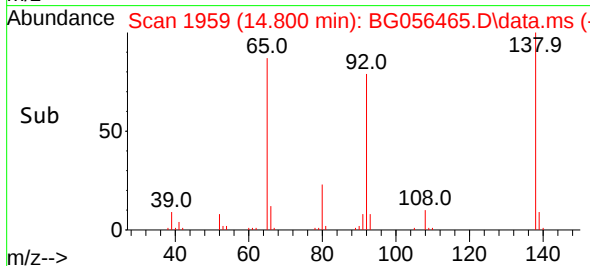
Instrument :
BNA_G
ClientSampleId :
PB150355BS



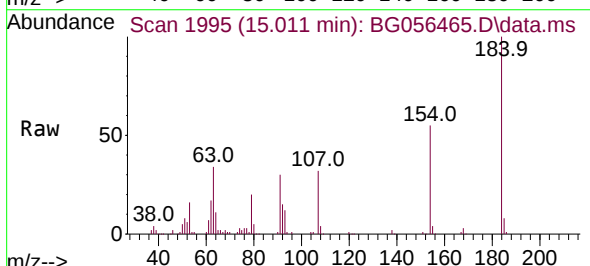
Tgt Ion:138 Resp: 57580
Ion Ratio Lower Upper
138 100
108 10.5 8.0 12.0
92 104.9 84.1 126.1

Manual Integrations
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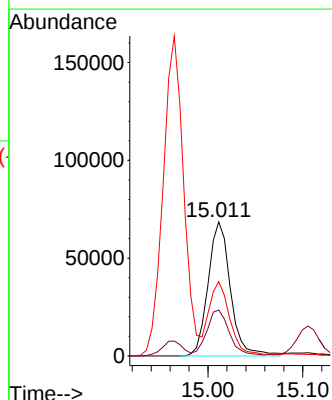
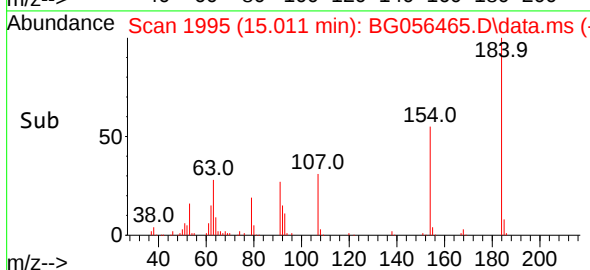
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

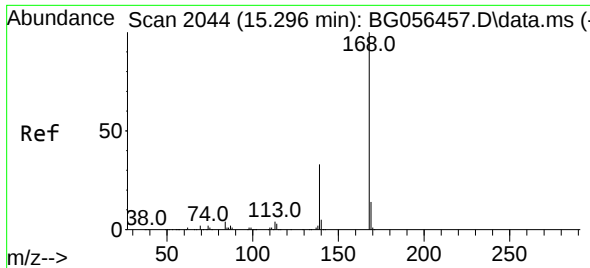


#54
2,4-Dinitrophenol
Concen: 100.398 ng
RT: 15.011 min Scan# 1995
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53



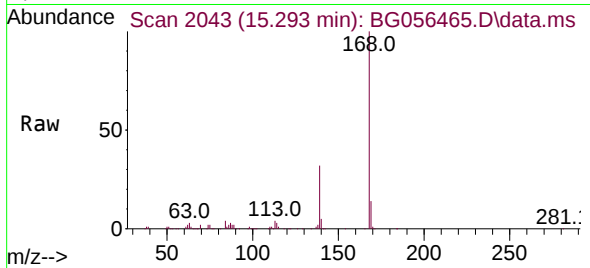
Tgt Ion:184 Resp: 112389
Ion Ratio Lower Upper
184 100
63 34.3 25.1 37.7
154 55.5 44.8 67.2





#55
Dibenzofuran
Concen: 44.087 ng
RT: 15.293 min Scan# 2044
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

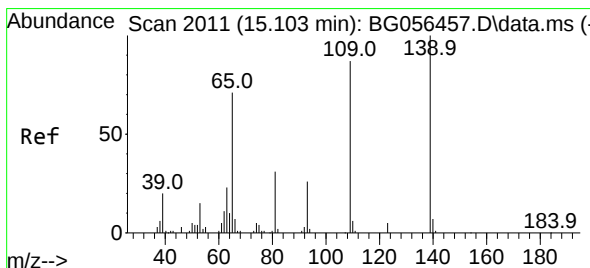
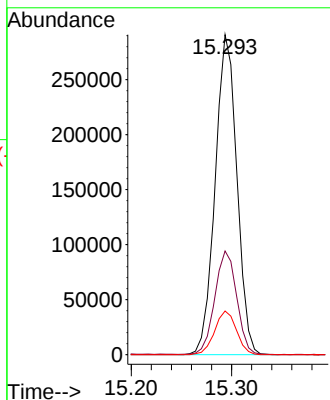
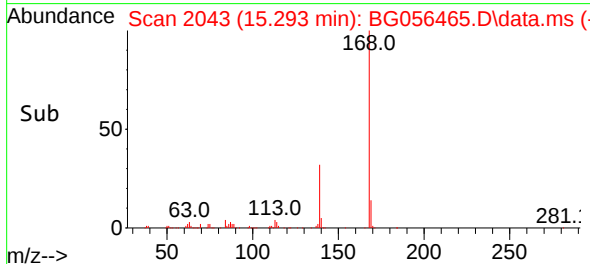
Instrument :
BNA_G
ClientSampleId :
PB150355BS



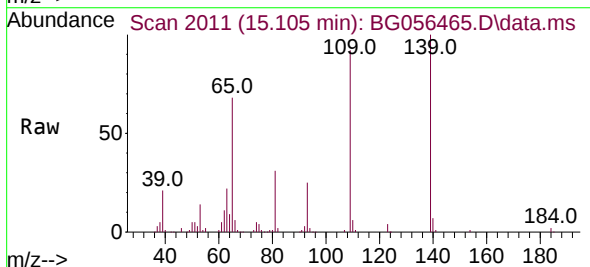
Tgt Ion:168 Resp: 437705
Ion Ratio Lower Upper
168 100
139 32.4 26.2 39.2
169 13.6 11.0 16.6

Manual Integrations
APPROVED

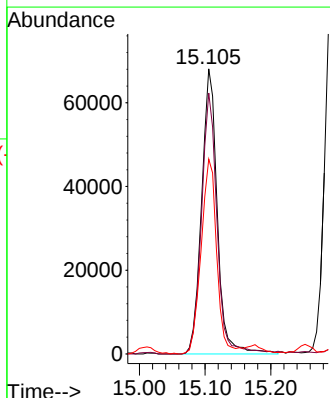
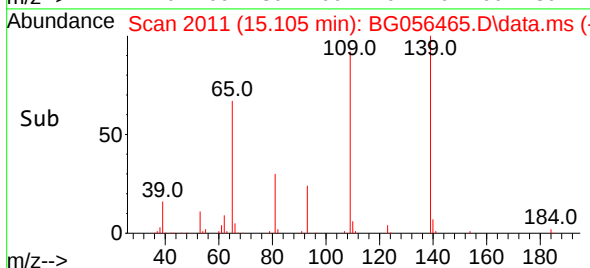
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

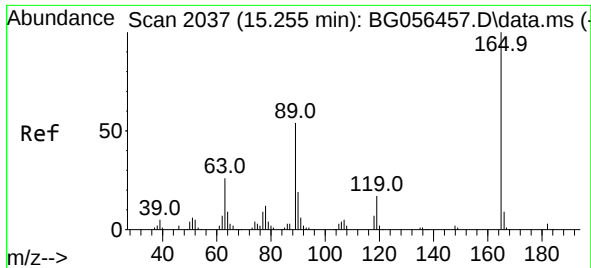


#56
4-Nitrophenol
Concen: 95.292 ng
RT: 15.105 min Scan# 2011
Delta R.T. 0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53



Tgt Ion:139 Resp: 112717
Ion Ratio Lower Upper
139 100
109 91.5 67.5 107.5
65 68.4 50.7 90.7





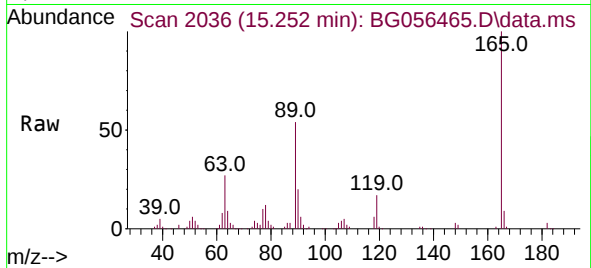
#57
2,4-Dinitrotoluene
Concen: 45.224 ng
RT: 15.252 min Scan# 2037
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Instrument :

BNA_G

ClientSampleId :

PB150355BS

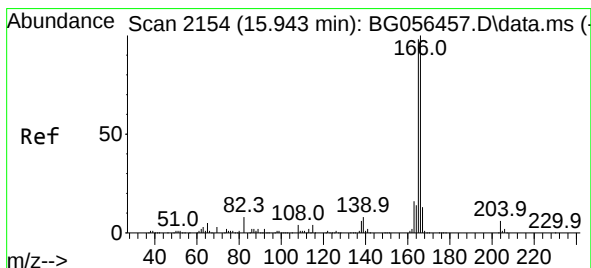
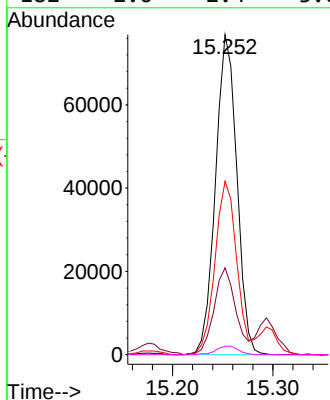
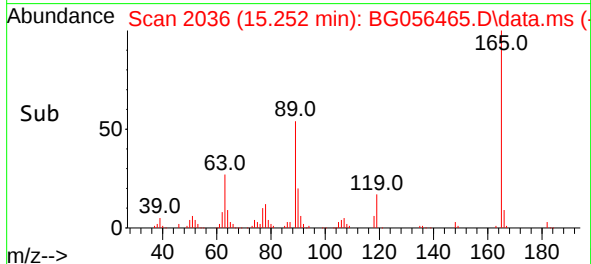


Tgt Ion:165 Resp: 113745
Ion Ratio Lower Upper
165 100
63 27.1 20.6 31.0
89 54.2 43.1 64.7
182 2.6 2.4 3.6

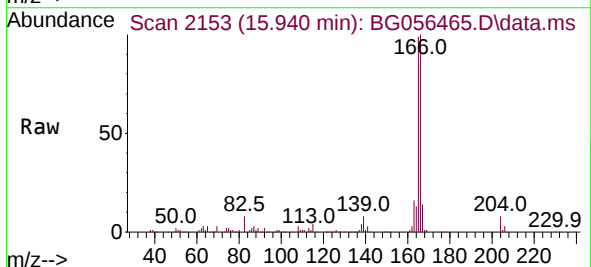
Manual Integrations

APPROVED

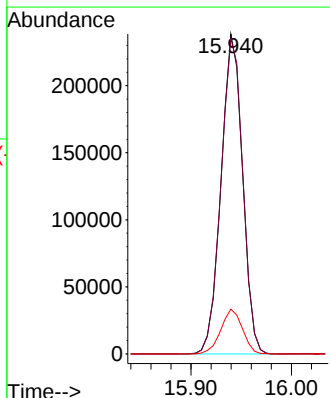
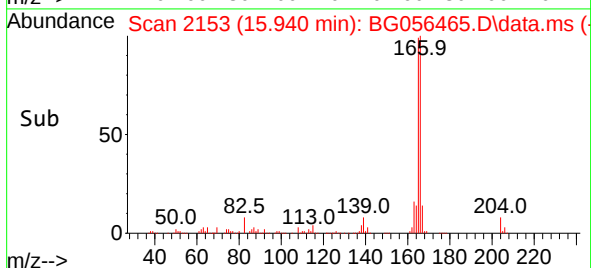
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

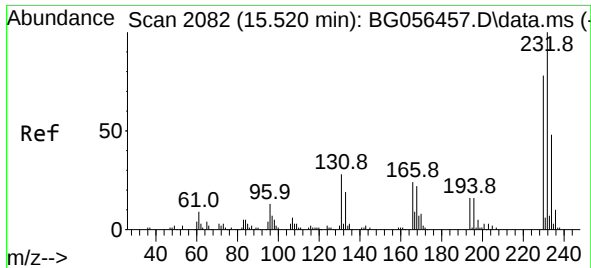


#58
Fluorene
Concen: 44.889 ng
RT: 15.940 min Scan# 2153
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53



Tgt Ion:166 Resp: 354617
Ion Ratio Lower Upper
166 100
165 98.5 78.8 118.2
167 14.0 10.6 15.8





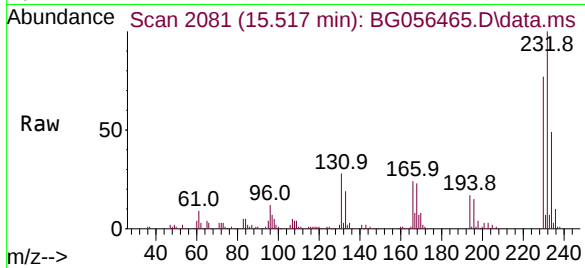
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.186 ng
RT: 15.517 min Scan# 2081
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Instrument :

BNA_G

ClientSampleId :

PB150355BS

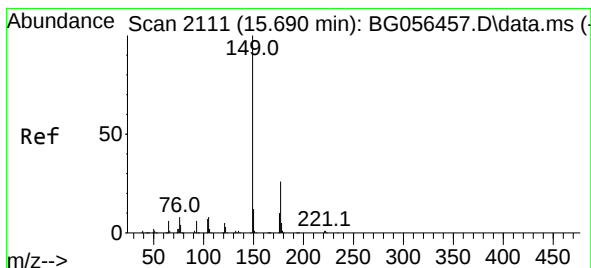
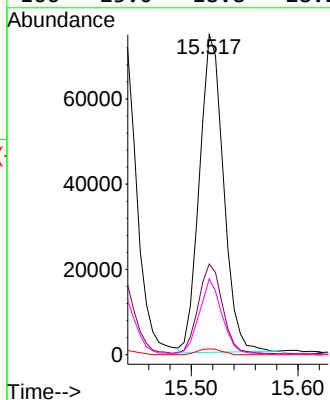
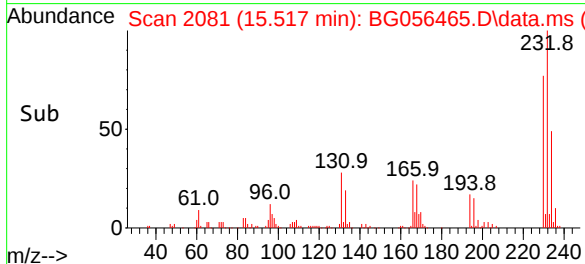


Tgt Ion:232 Resp: 117044
Ion Ratio Lower Upper
232 100
131 28.7 22.8 34.2
130 1.8 1.4 2.0
166 23.0 18.8 28.2

Manual Integrations

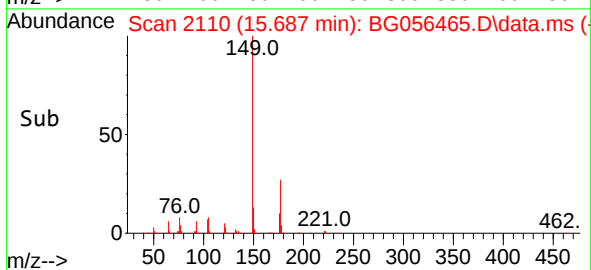
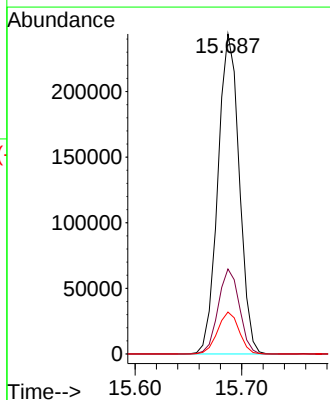
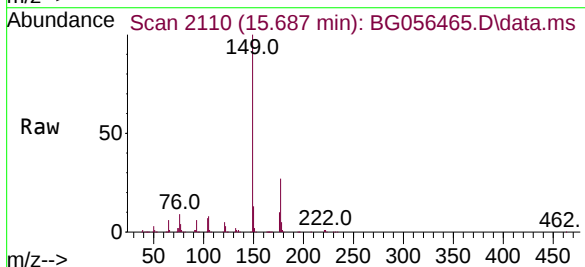
APPROVED

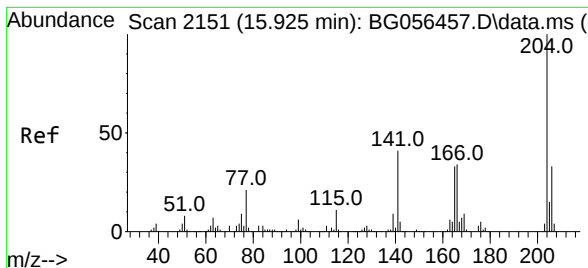
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#60
Diethylphthalate
Concen: 44.219 ng
RT: 15.687 min Scan# 2110
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

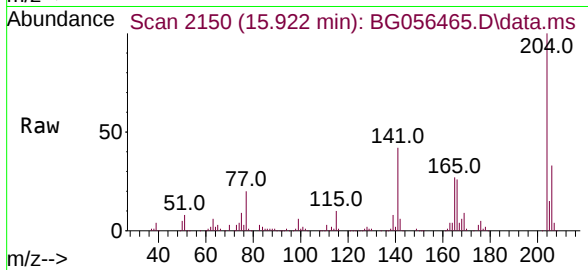
Tgt Ion:149 Resp: 339984
Ion Ratio Lower Upper
149 100
177 26.5 21.0 31.4
150 13.1 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 44.883 ng
RT: 15.922 min Scan# 2151
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

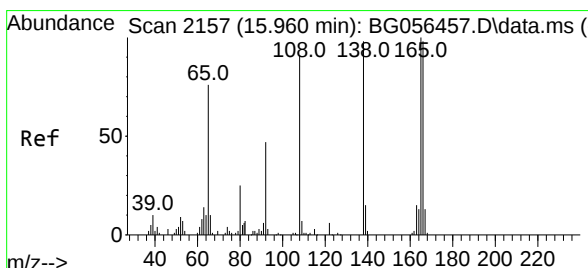
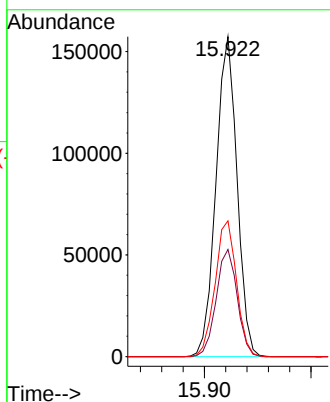
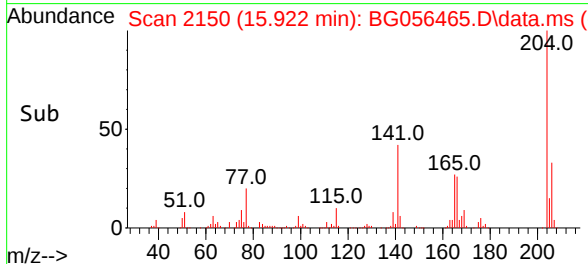
Instrument :
BNA_G
ClientSampleId :
PB150355BS



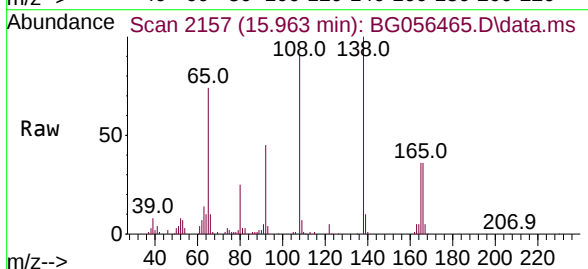
Tgt Ion:204 Resp: 216362
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.4
141 42.4 32.7 49.1

Manual Integrations
APPROVED

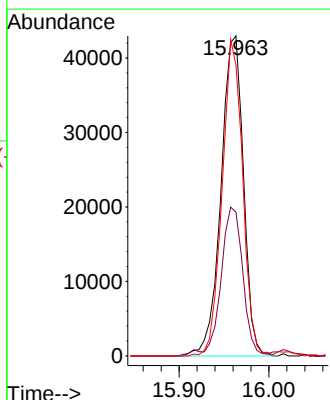
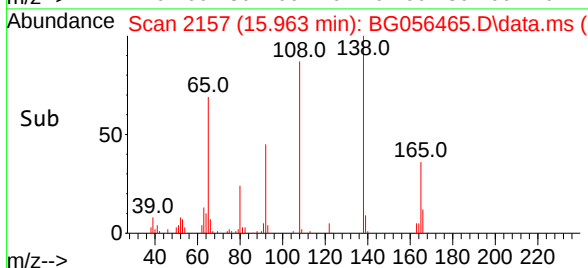
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

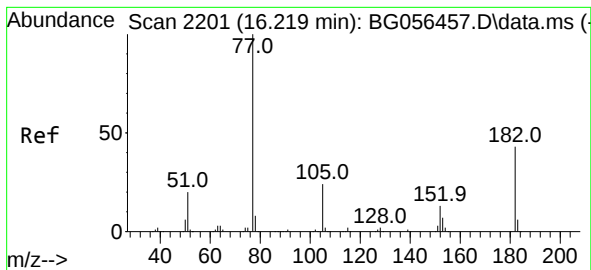


#62
4-Nitroaniline
Concen: 43.140 ng
RT: 15.963 min Scan# 2157
Delta R.T. 0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53



Tgt Ion:138 Resp: 74726
Ion Ratio Lower Upper
138 100
92 44.9 27.8 67.8
108 90.9 72.6 112.6





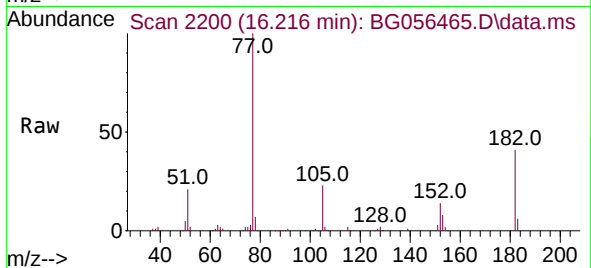
#63
Azobenzene
Concen: 44.685 ng
RT: 16.216 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Instrument :

BNA_G

ClientSampleId :

PB150355BS

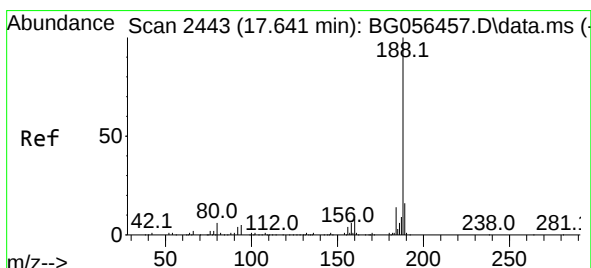
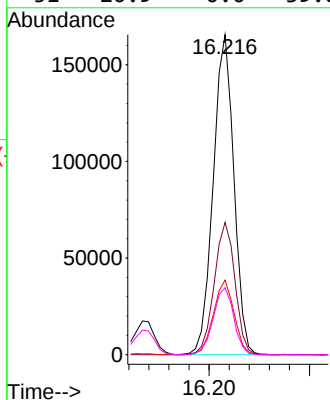
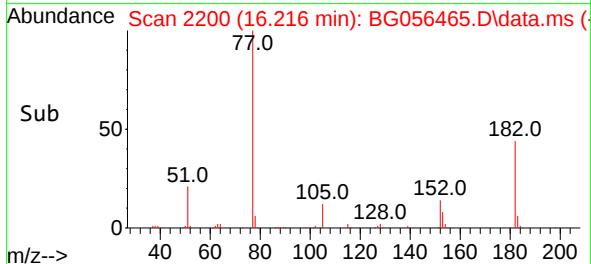


Tgt Ion: 77 Resp: 236403
Ion Ratio Lower Upper
77 100
182 41.3 23.1 63.1
105 23.3 4.2 44.2
51 20.9 0.0 39.8

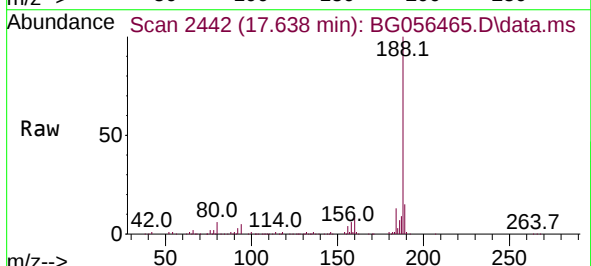
Manual Integrations

APPROVED

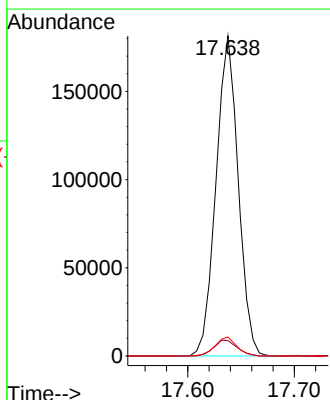
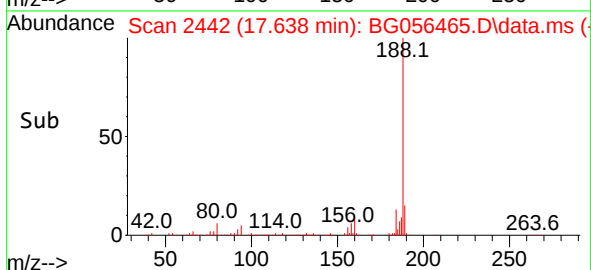
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

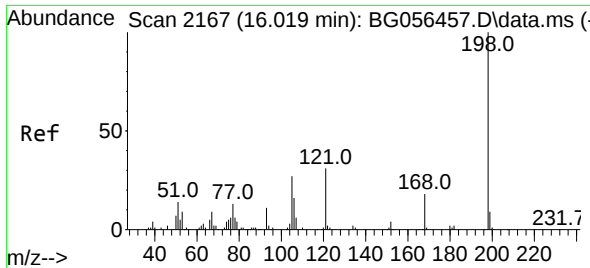


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.638 min Scan# 2442
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53



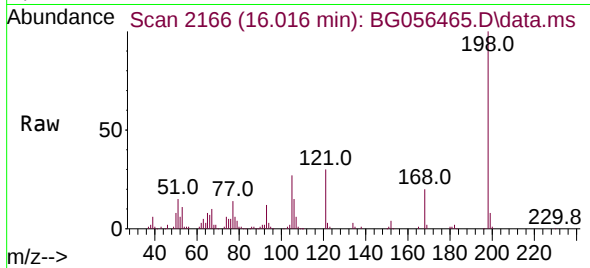
Tgt Ion:188 Resp: 263104
Ion Ratio Lower Upper
188 100
94 4.8 4.1 6.1
80 5.9 5.0 7.4





#65
4,6-Dinitro-2-methylphenol
Concen: 42.994 ng
RT: 16.016 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

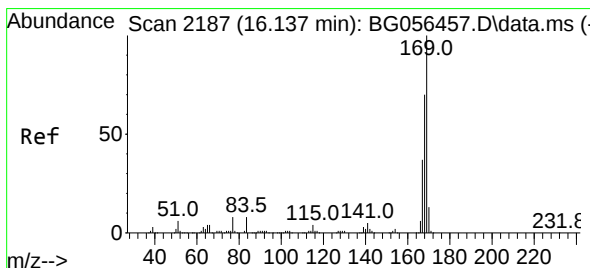
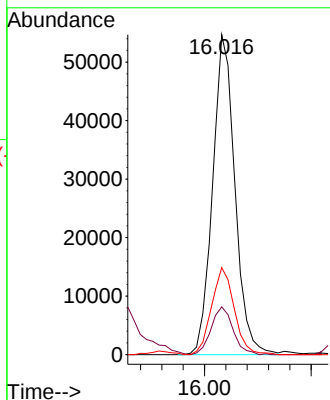
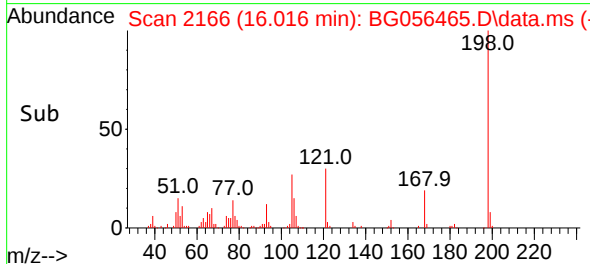
Instrument :
BNA_G
ClientSampleId :
PB150355BS



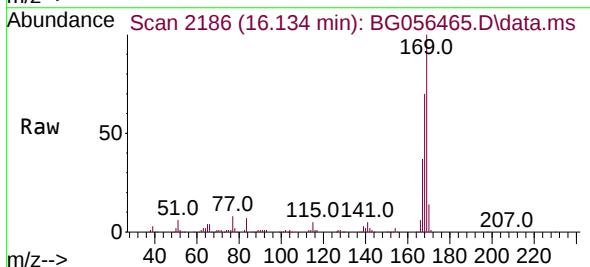
Tgt Ion:198 Resp: 79529
Ion Ratio Lower Upper
198 100
51 14.9 0.0 35.0
105 27.2 7.4 47.4

Manual Integrations
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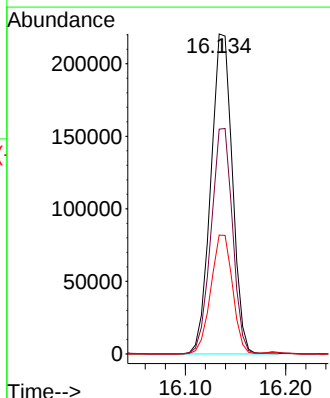
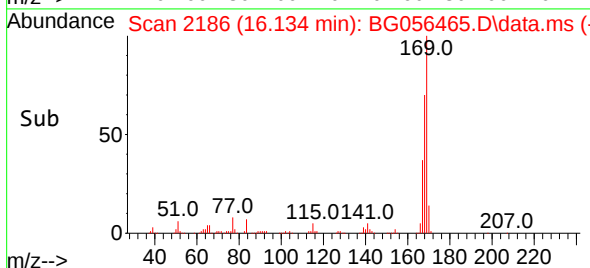
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

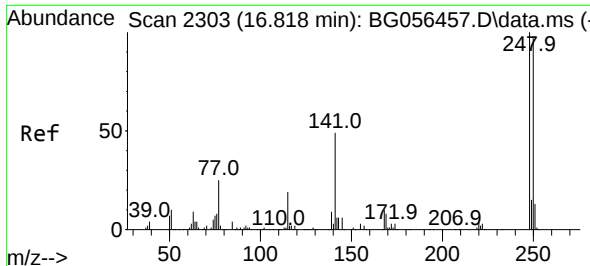


#66
n-Nitrosodiphenylamine
Concen: 44.281 ng
RT: 16.134 min Scan# 2186
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53



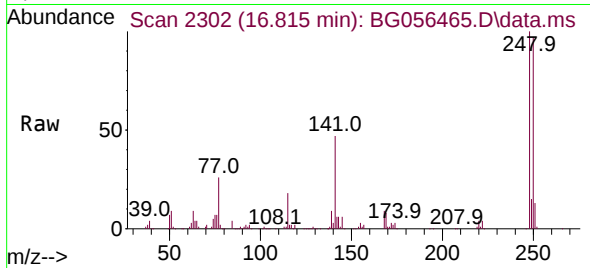
Tgt Ion:169 Resp: 329862
Ion Ratio Lower Upper
169 100
168 70.2 55.8 83.6
167 37.1 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 44.382 ng
RT: 16.815 min Scan# 2303
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

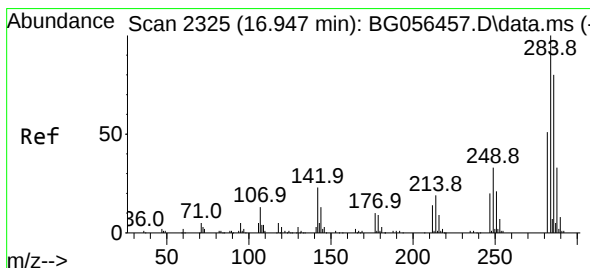
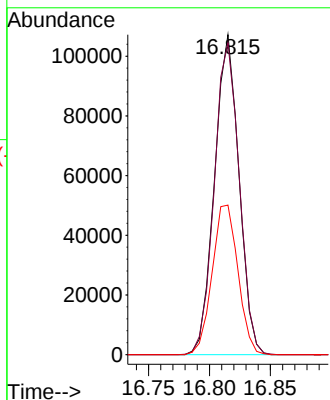
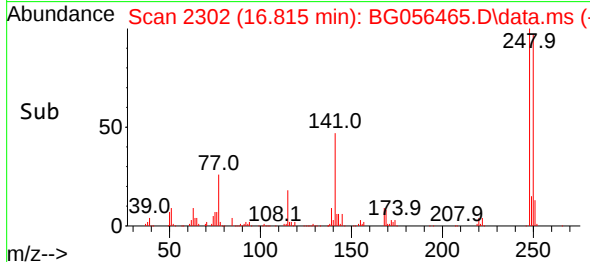
Instrument :
BNA_G
ClientSampleId :
PB150355BS



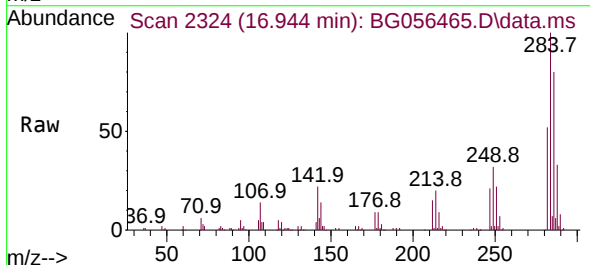
Tgt Ion:248 Resp: 149486
Ion Ratio Lower Upper
248 100
250 97.4 77.6 116.4
141 46.7 39.0 58.4

Manual Integrations
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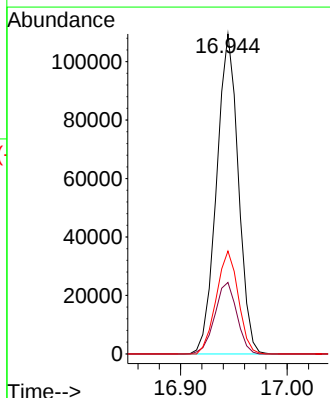
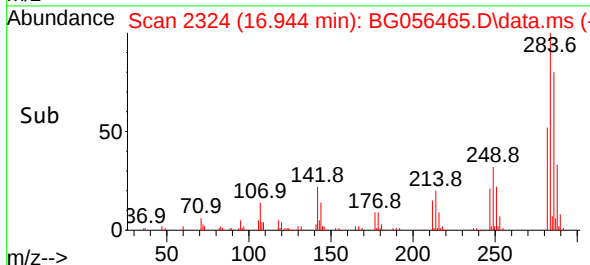
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

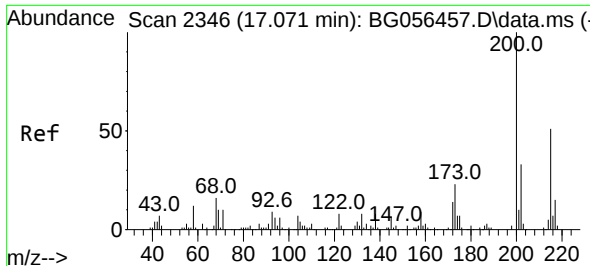


#68
Hexachlorobenzene
Concen: 47.037 ng
RT: 16.944 min Scan# 2324
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53



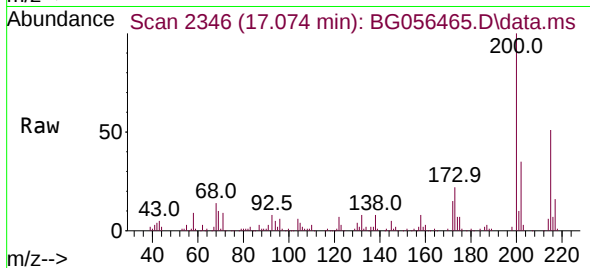
Tgt Ion:284 Resp: 155170
Ion Ratio Lower Upper
284 100
142 22.3 18.0 27.0
249 34.5 26.7 40.1





#69
 Atrazine
 Concen: 48.695 ng
 RT: 17.074 min Scan# 2346
 Delta R.T. 0.003 min
 Lab File: BG056465.D
 Acq: 27 Jan 2023 21:53

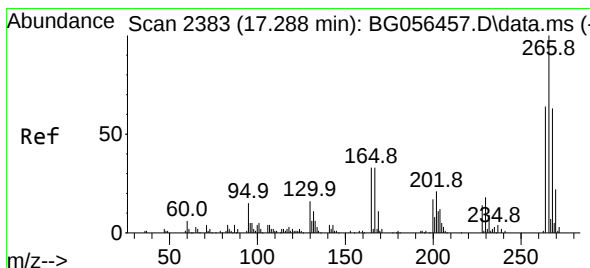
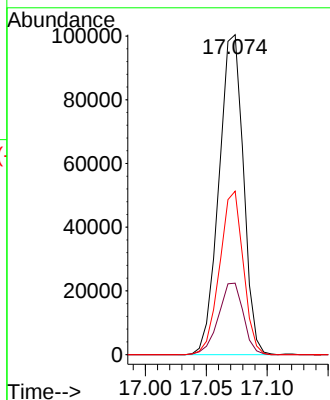
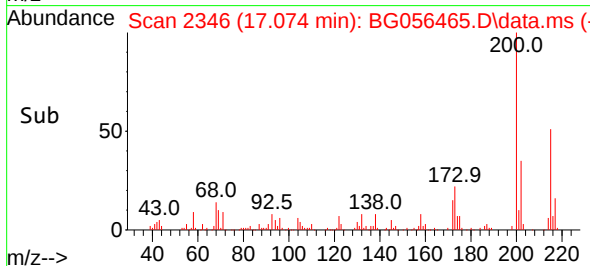
Instrument :
 BNA_G
 ClientSampleId :
 PB150355BS



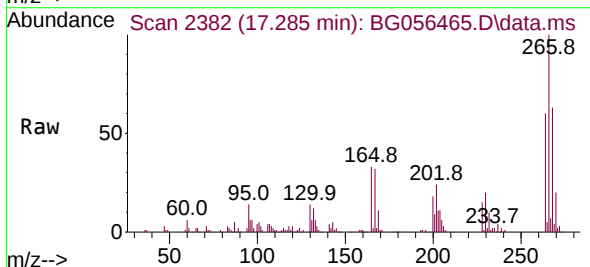
Tgt Ion:200 Resp: 139942
 Ion Ratio Lower Upper
 200 100
 173 22.3 3.2 43.2
 215 51.1 30.7 70.7

Manual Integrations
 APPROVED

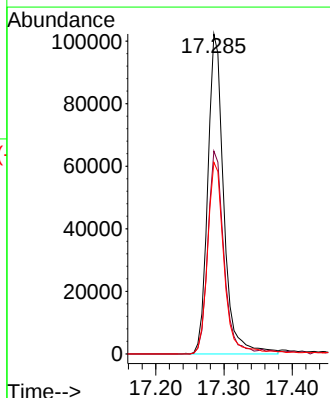
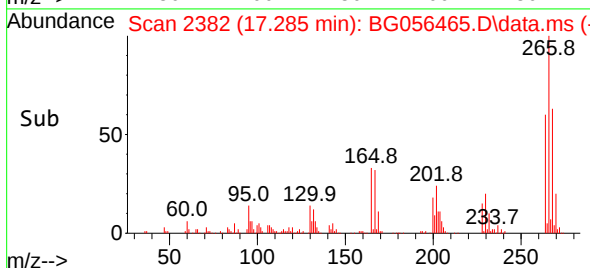
Reviewed By :Christian Giraldo 01/30/2023
 Supervised By :Jagrut Upadhyay 01/30/2023

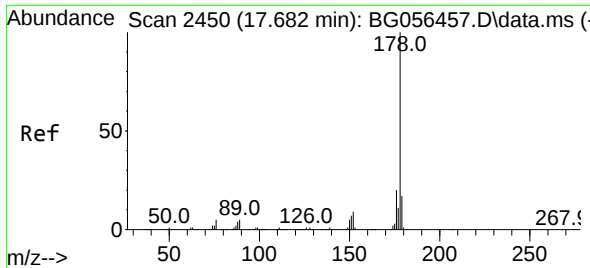


#70
 Pentachlorophenol
 Concen: 83.036 ng
 RT: 17.285 min Scan# 2382
 Delta R.T. -0.003 min
 Lab File: BG056465.D
 Acq: 27 Jan 2023 21:53



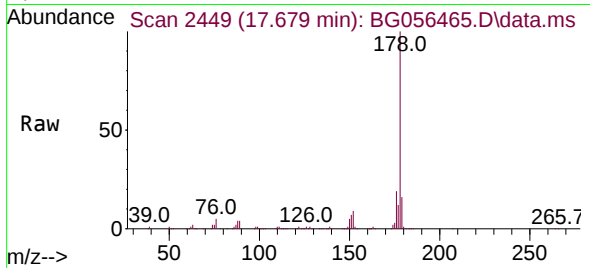
Tgt Ion:266 Resp: 165749
 Ion Ratio Lower Upper
 266 100
 268 63.4 50.2 75.4
 264 59.9 51.4 77.0





#71
Phenanthrene
Concen: 45.004 ng
RT: 17.679 min Scan# 2449
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

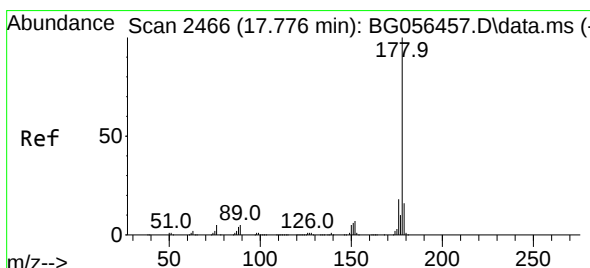
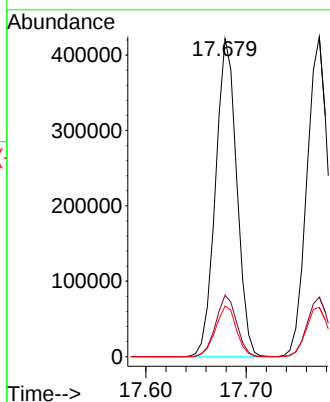
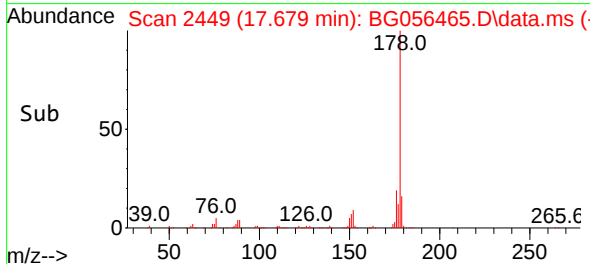
Instrument :
BNA_G
ClientSampleId :
PB150355BS



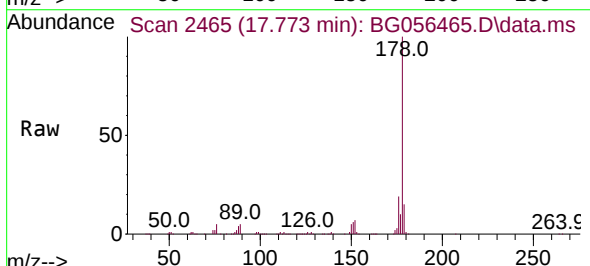
Tgt Ion:178 Resp: 619720
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 16.0 13.3 19.9

Manual Integrations
APPROVED

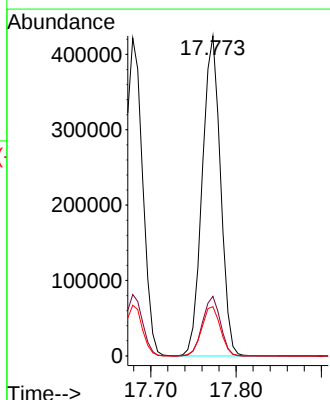
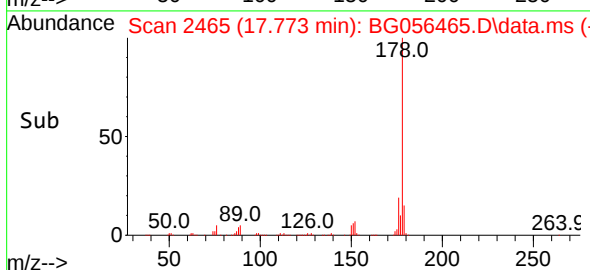
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

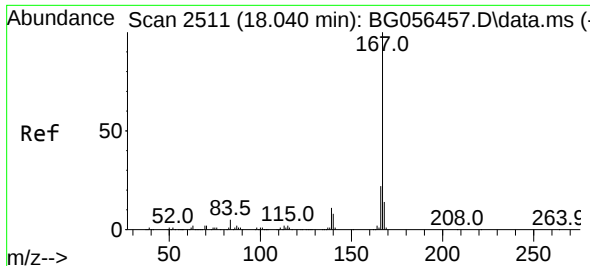


#72
Anthracene
Concen: 44.524 ng
RT: 17.773 min Scan# 2465
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53



Tgt Ion:178 Resp: 629378
Ion Ratio Lower Upper
178 100
176 18.6 14.5 21.7
179 15.4 12.5 18.7





#73
Carbazole
Concen: 45.486 ng
RT: 18.037 min Scan# 2510
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Instrument :

BNA_G

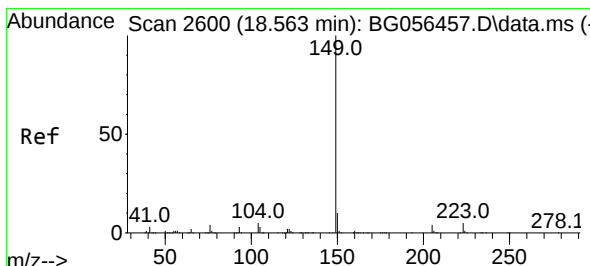
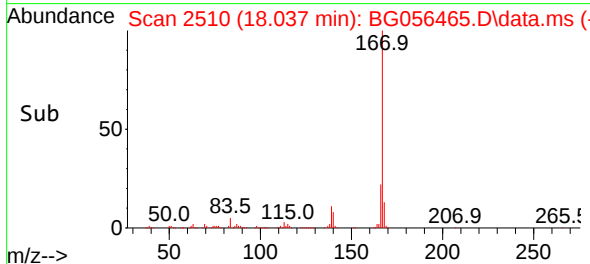
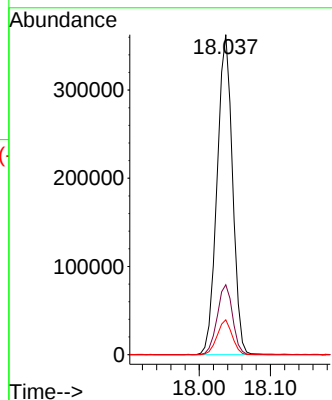
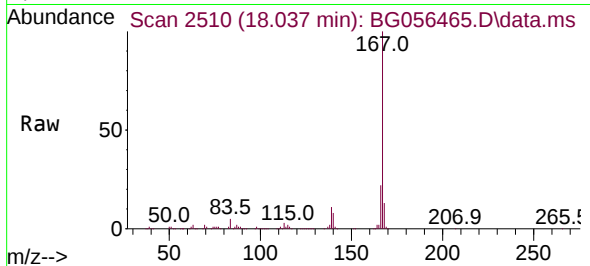
ClientSampleId :

PB150355BS

Tgt Ion:167 Resp: 547619
Ion Ratio Lower Upper
167 100
166 21.8 17.8 26.6
139 10.9 8.9 13.3

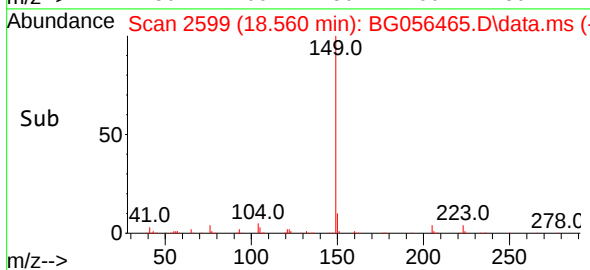
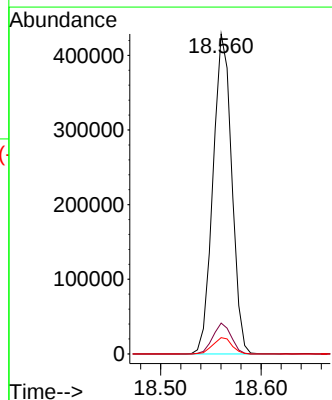
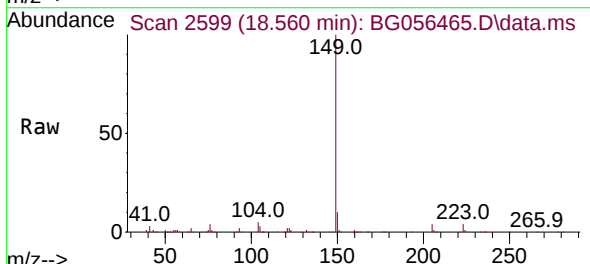
Manual Integrations
APPROVED

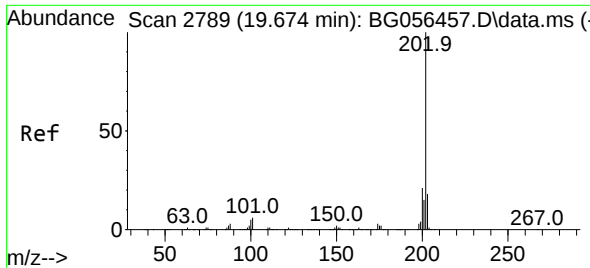
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#74
Di-n-butylphthalate
Concen: 43.989 ng
RT: 18.560 min Scan# 2599
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

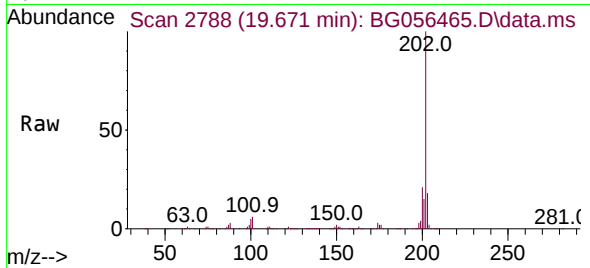
Tgt Ion:149 Resp: 556068
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 5.1 4.0 6.0





#75
Fluoranthene
Concen: 44.546 ng
RT: 19.671 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

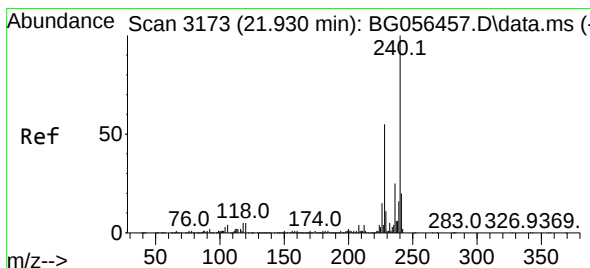
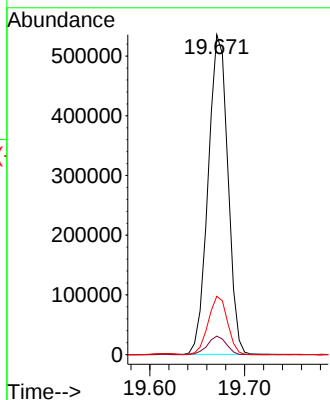
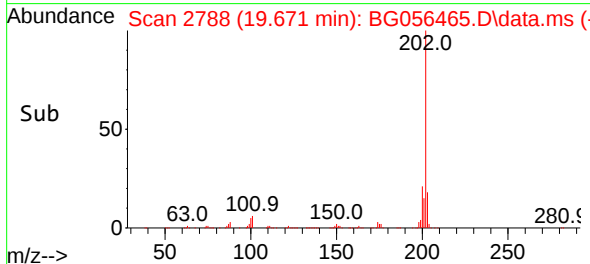
Instrument :
BNA_G
ClientSampleId :
PB150355BS



Tgt Ion:202 Resp: 77420
Ion Ratio Lower Upper
202 100
101 5.8 0.0 25.6
203 18.2 0.0 38.1

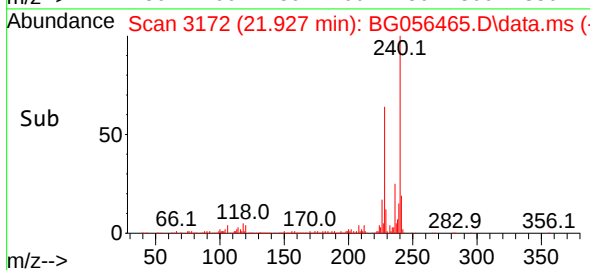
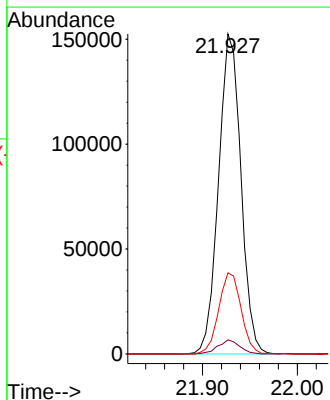
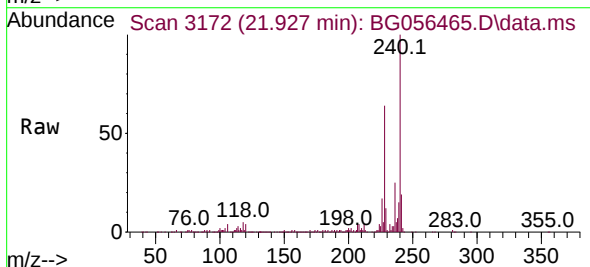
Manual Integrations
APPROVED

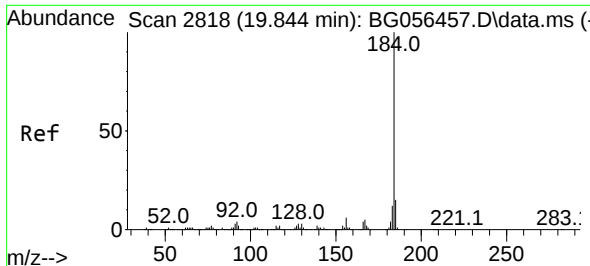
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.927 min Scan# 3172
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

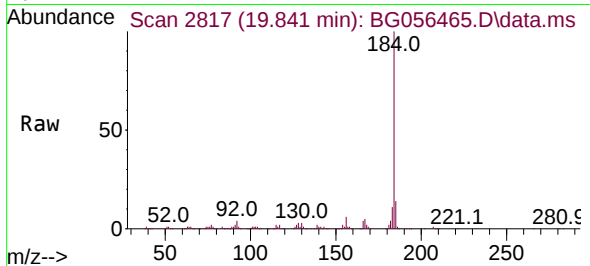
Tgt Ion:240 Resp: 249763
Ion Ratio Lower Upper
240 100
120 4.4 3.8 5.8
236 25.3 20.2 30.2





#77
Benzidine
Concen: 51.660 ng
RT: 19.841 min Scan# 2818
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

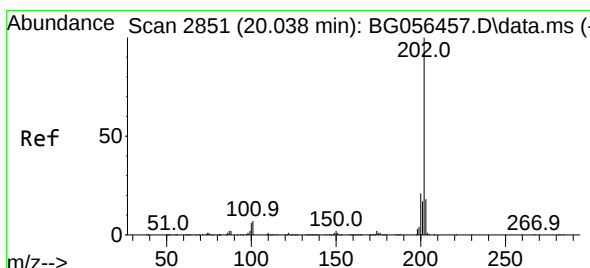
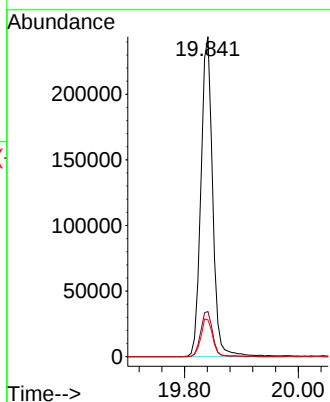
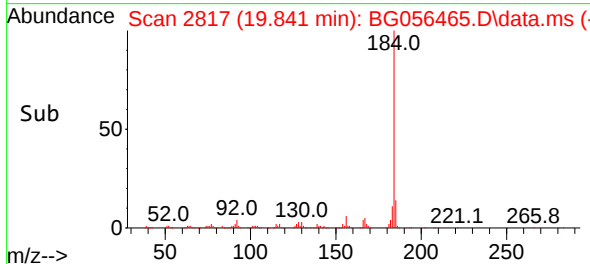
Instrument :
BNA_G
ClientSampleId :
PB150355BS



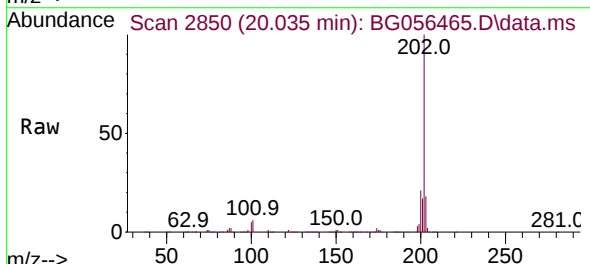
Tgt Ion:184 Resp: 349163
Ion Ratio Lower Upper
184 100
185 14.1 12.3 18.5
183 11.5 9.8 14.8

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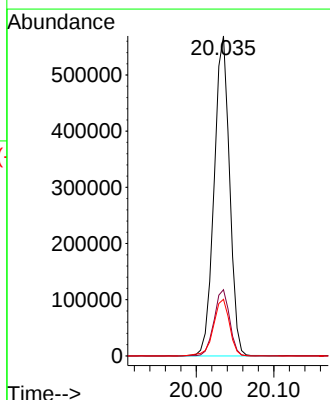
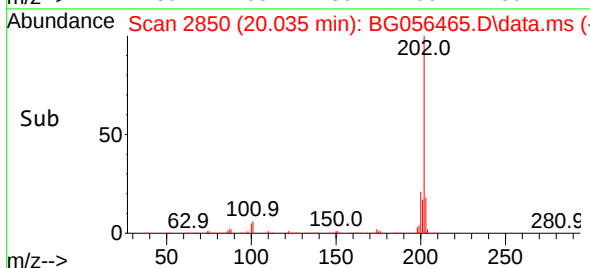
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

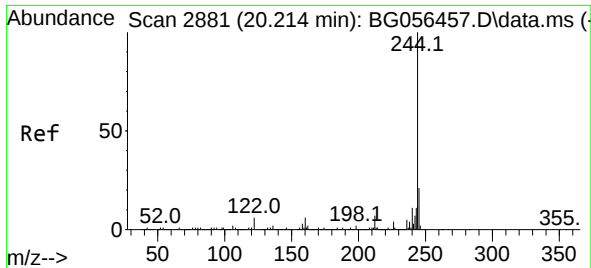


#78
Pyrene
Concen: 44.240 ng
RT: 20.035 min Scan# 2850
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53



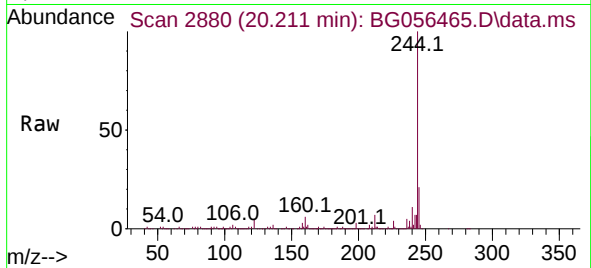
Tgt Ion:202 Resp: 785867
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 17.7 14.4 21.6





#79
 Terphenyl-d14
 Concen: 95.237 ng
 RT: 20.211 min Scan# 2881
 Delta R.T. -0.003 min
 Lab File: BG056465.D
 Acq: 27 Jan 2023 21:53

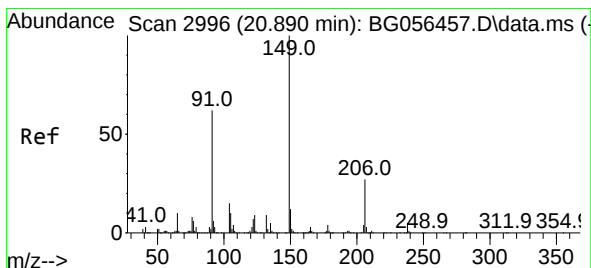
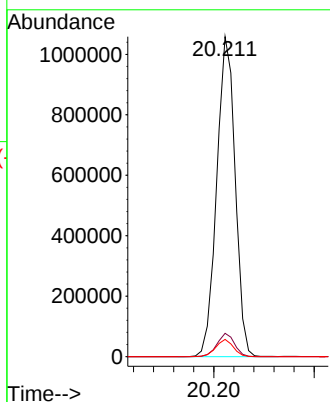
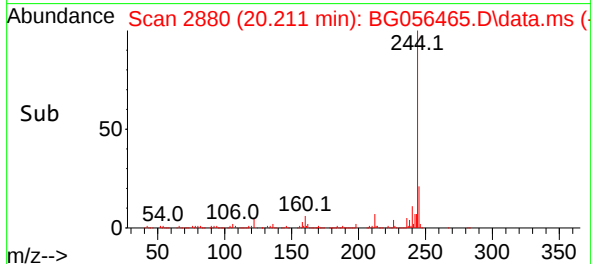
Instrument :
 BNA_G
 ClientSampleId :
 PB150355BS



Tgt Ion:244 Resp: 1354307
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 5.4 4.4 6.6

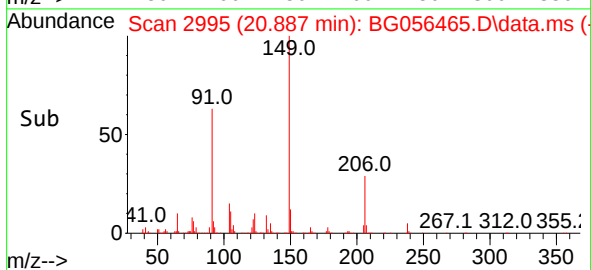
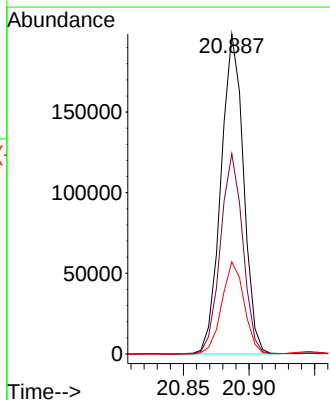
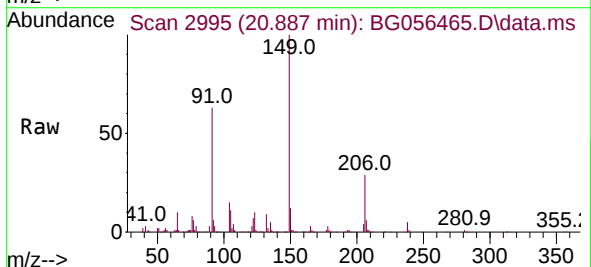
Manual Integrations
 APPROVED

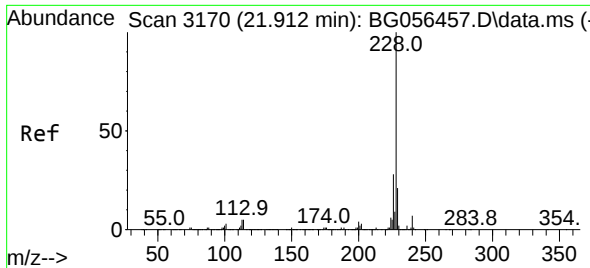
Reviewed By :Christian Giraldo 01/30/2023
 Supervised By :Jagrut Upadhyay 01/30/2023



#80
 Butylbenzylphthalate
 Concen: 43.786 ng
 RT: 20.887 min Scan# 2995
 Delta R.T. -0.003 min
 Lab File: BG056465.D
 Acq: 27 Jan 2023 21:53

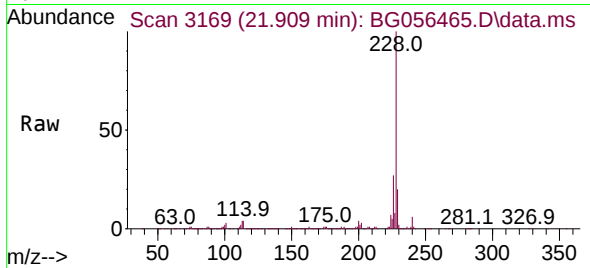
Tgt Ion:149 Resp: 237544
 Ion Ratio Lower Upper
 149 100
 91 62.5 49.4 74.0
 206 28.8 22.0 33.0





#81
Benzo(a)anthracene
Concen: 45.315 ng
RT: 21.909 min Scan# 3170
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

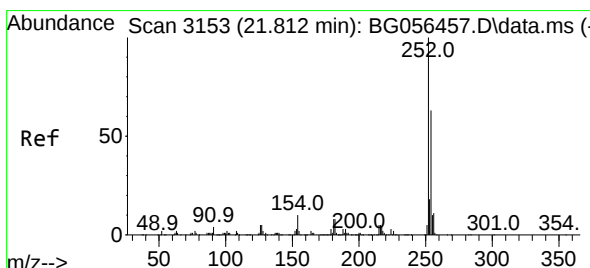
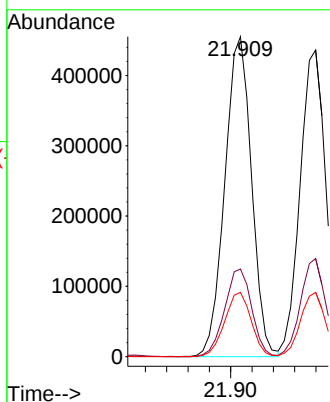
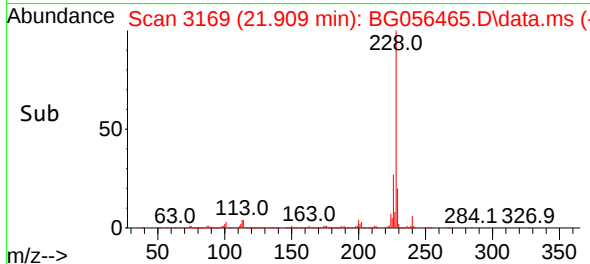
Instrument :
BNA_G
ClientSampleId :
PB150355BS



Tgt Ion:228 Resp: 791252
Ion Ratio Lower Upper
228 100
226 27.4 22.4 33.6
229 20.1 16.5 24.7

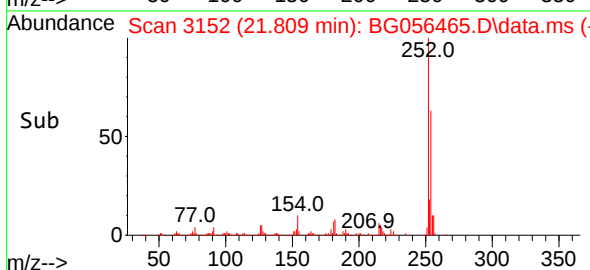
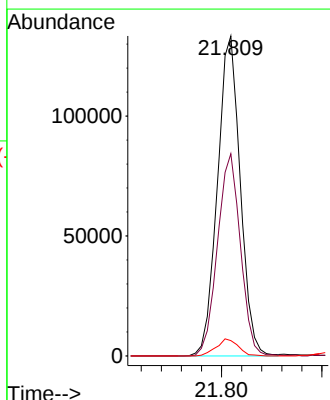
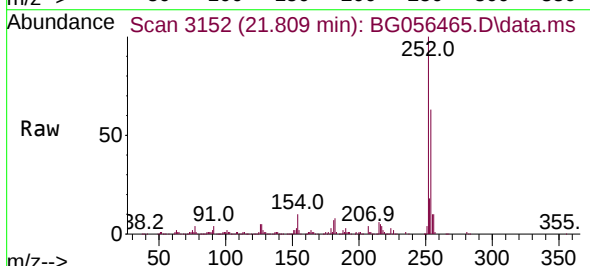
Manual Integrations
APPROVED

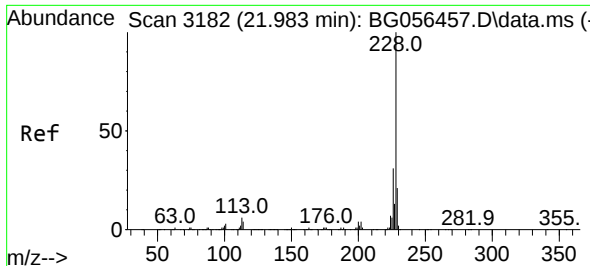
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#82
3,3'-Dichlorobenzidine
Concen: 33.522 ng
RT: 21.809 min Scan# 3152
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

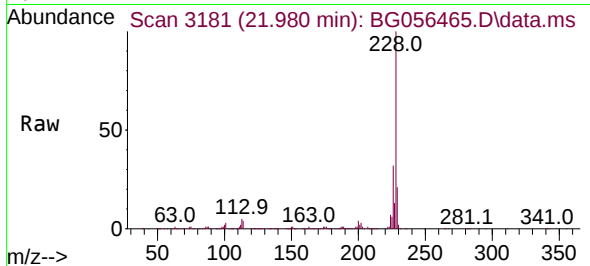
Tgt Ion:252 Resp: 210786
Ion Ratio Lower Upper
252 100
254 63.2 50.0 75.0
126 4.8 4.3 6.5





#83
Chrysene
Concen: 44.560 ng
RT: 21.980 min Scan# 3182
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

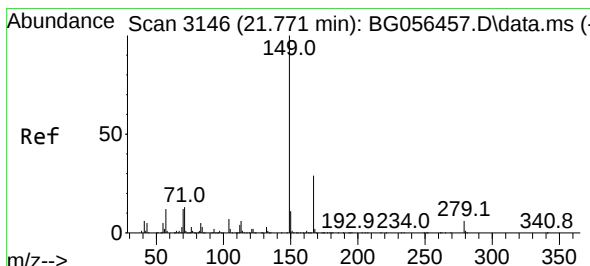
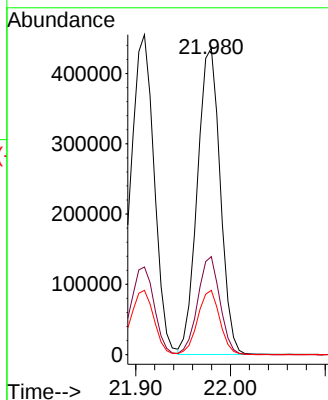
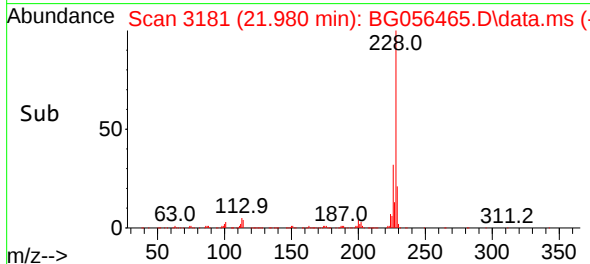
Instrument :
BNA_G
ClientSampleId :
PB150355BS



Tgt Ion:228 Resp: 730980
Ion Ratio Lower Upper
228 100
226 31.9 25.0 37.4
229 20.9 16.4 24.6

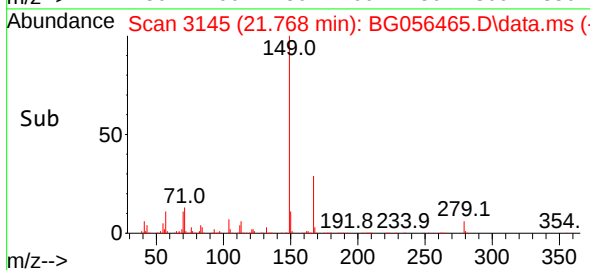
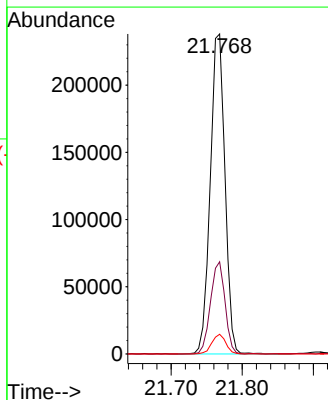
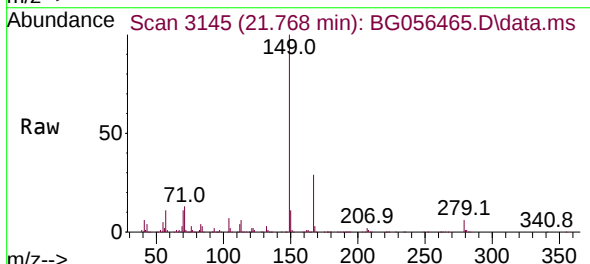
Manual Integrations
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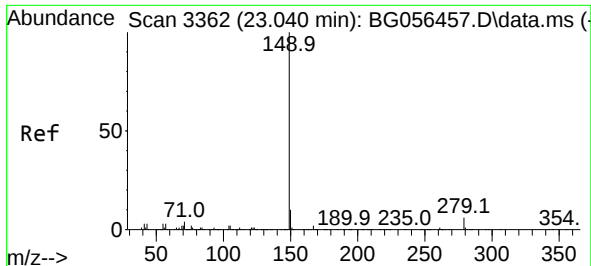
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.954 ng
RT: 21.768 min Scan# 3145
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

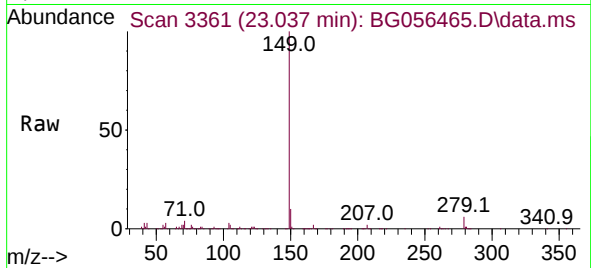
Tgt Ion:149 Resp: 341872
Ion Ratio Lower Upper
149 100
167 28.8 23.4 35.2
279 6.1 4.4 6.6





#85
Di-n-octyl phthalate
Concen: 44.473 ng
RT: 23.037 min Scan# 3362
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

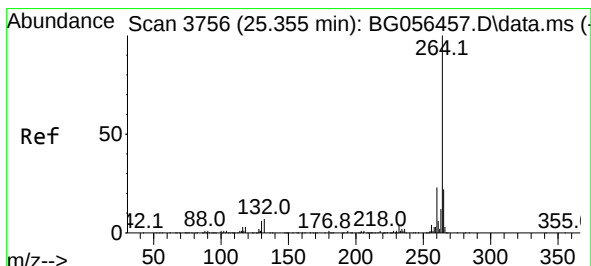
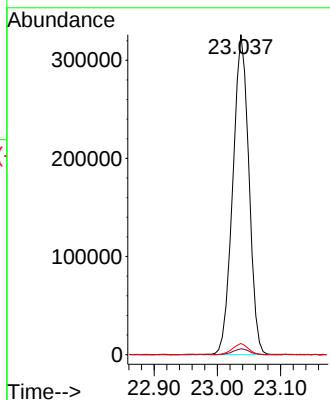
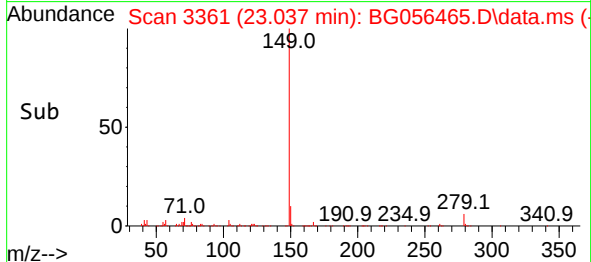
Instrument :
BNA_G
ClientSampleId :
PB150355BS



Tgt Ion:149 Resp: 576065
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 3.4 2.7 4.1

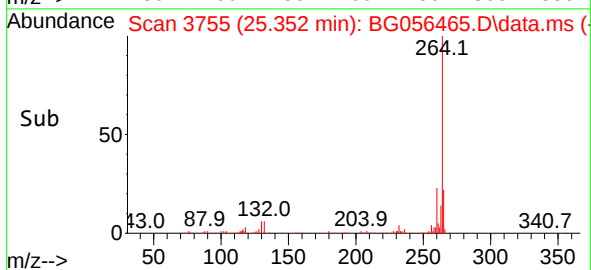
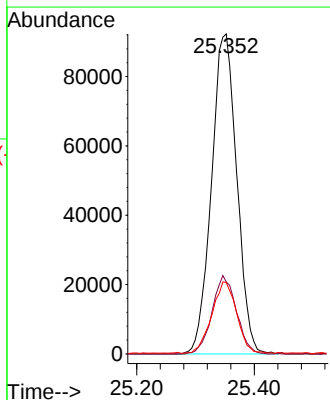
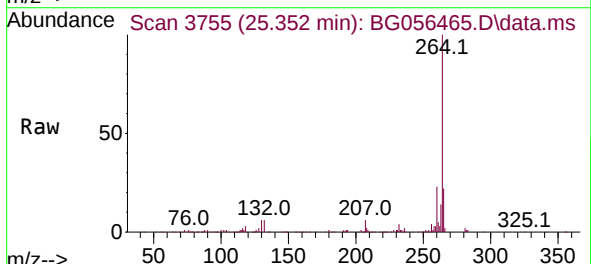
Manual Integrations
APPROVED

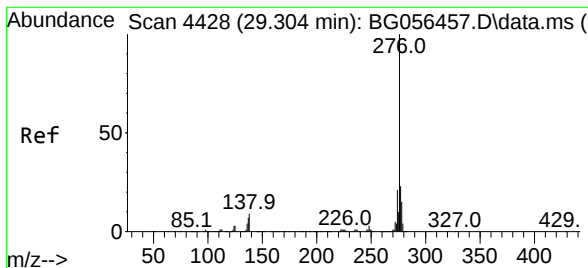
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.352 min Scan# 3755
Delta R.T. -0.003 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Tgt Ion:264 Resp: 275725
Ion Ratio Lower Upper
264 100
260 22.5 18.2 27.4
265 22.4 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.210 ng

RT: 29.306 min Scan# 4428

Delta R.T. 0.003 min

Lab File: BG056465.D

Acq: 27 Jan 2023 21:53

Instrument :

BNA_G

ClientSampleId :

PB150355BS

Tgt Ion:276 Resp: 932669

Ion Ratio Lower Upper

276 100

138 6.1 9.4 14.2

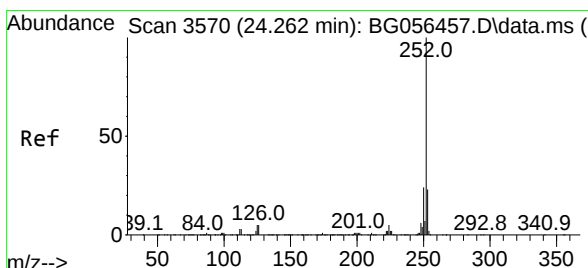
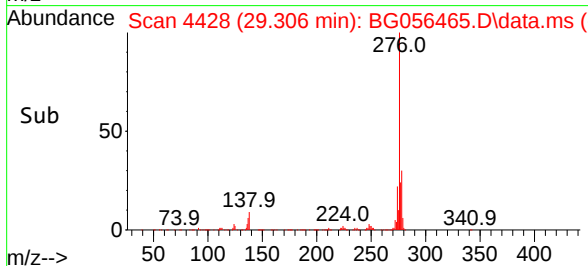
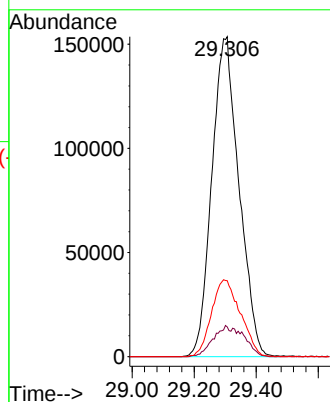
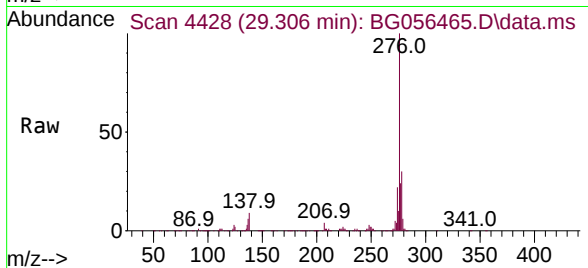
277 25.6 20.3 30.5

Manual Integrations

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Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#88

Benzo(b)fluoranthene

Concen: 47.613 ng

RT: 24.259 min Scan# 3569

Delta R.T. -0.003 min

Lab File: BG056465.D

Acq: 27 Jan 2023 21:53

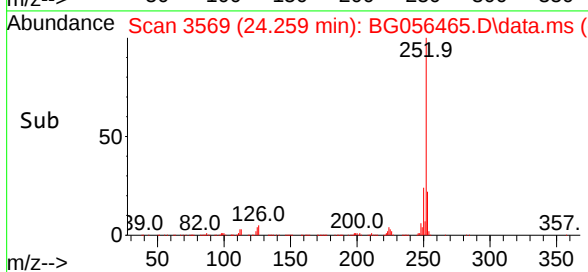
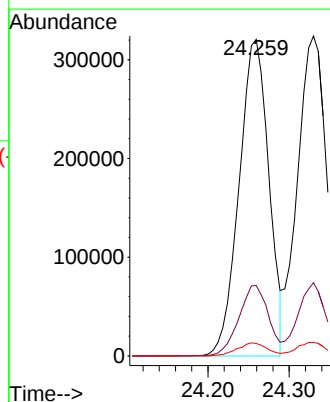
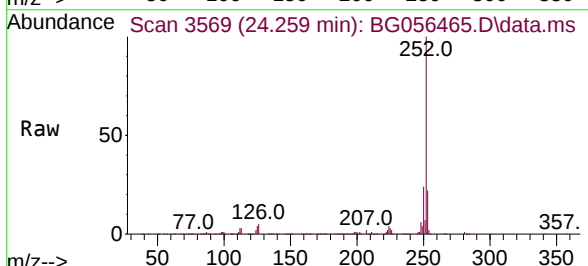
Tgt Ion:252 Resp: 814844

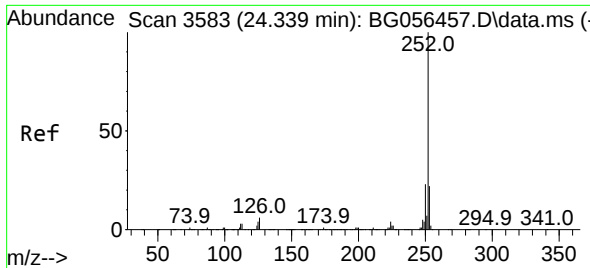
Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

125 3.9 3.9 5.9





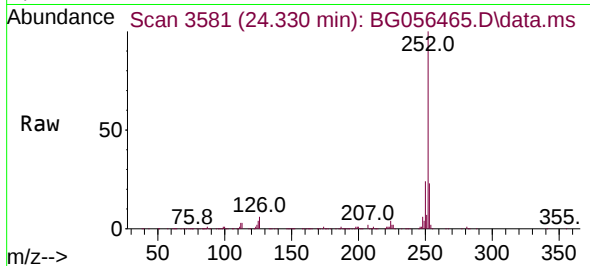
#89
Benzo(k)fluoranthene
Concen: 47.302 ng
RT: 24.330 min Scan# 3583
Delta R.T. -0.009 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Instrument :

BNA_G

ClientSampleId :

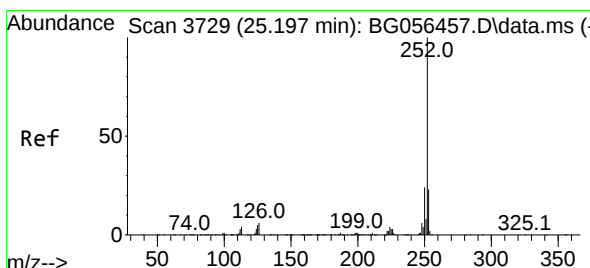
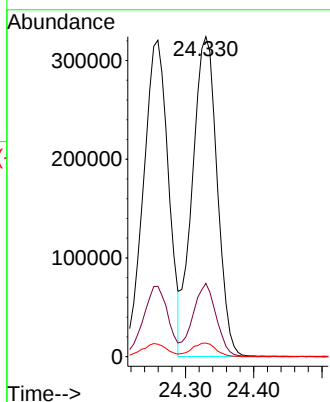
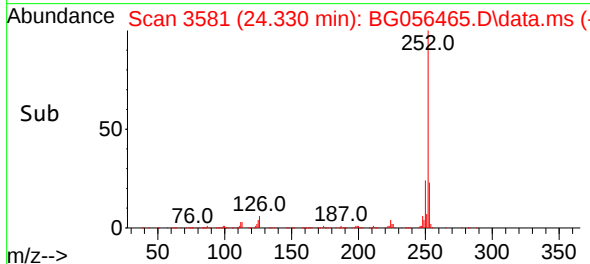
PB150355BS



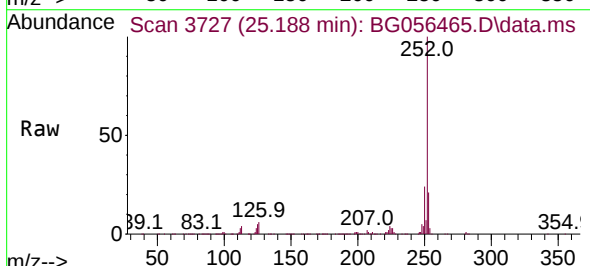
Tgt Ion:252 Resp: 817326
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 4.2 3.4 5.0

Manual Integrations
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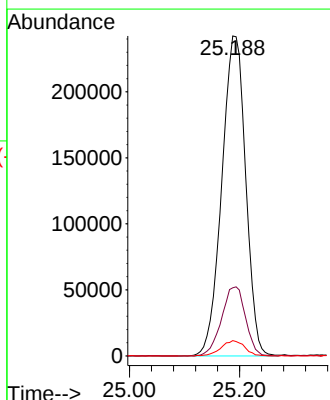
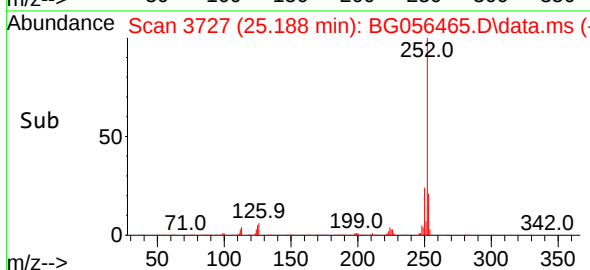
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

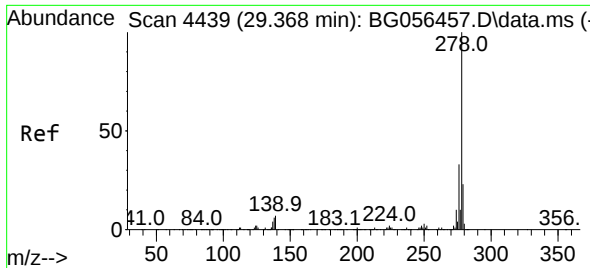


#90
Benzo(a)pyrene
Concen: 43.271 ng
RT: 25.188 min Scan# 3727
Delta R.T. -0.009 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53



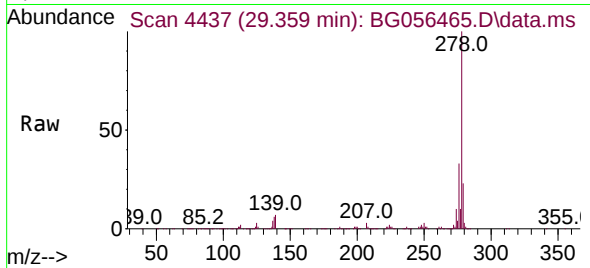
Tgt Ion:252 Resp: 729476
Ion Ratio Lower Upper
252 100
253 21.3 18.4 27.6
125 4.8 4.1 6.1





#91
Dibenzo(a,h)anthracene
Concen: 46.463 ng
RT: 29.359 min Scan# 4439
Delta R.T. -0.009 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

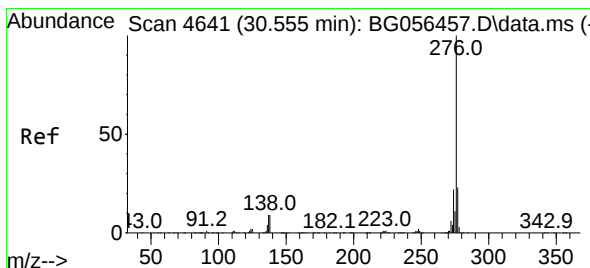
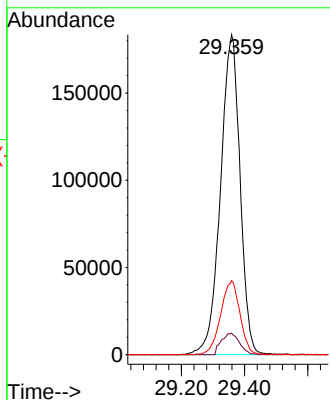
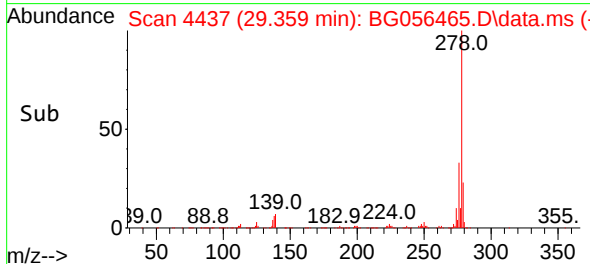
Instrument :
BNA_G
ClientSampleId :
PB150355BS



Tgt Ion:278 Resp: 787172
Ion Ratio Lower Upper
278 100
139 6.7 5.5 8.3
279 23.2 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#92
Benzo(g,h,i)perylene
Concen: 46.219 ng
RT: 30.540 min Scan# 4638
Delta R.T. -0.015 min
Lab File: BG056465.D
Acq: 27 Jan 2023 21:53

Tgt Ion:276 Resp: 755554
Ion Ratio Lower Upper
276 100
277 23.2 18.5 27.7
138 9.1 7.4 11.0

