

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082522\
 Data File : BG054744.D
 Acq On : 25 Aug 2022 20:31
 Operator : CG/JU
 Sample : PB147245BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147245BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/26/2022
 Supervised By : Jagrut Upadhyay 08/26/2022

Quant Time: Aug 26 05:18:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.148	152	50134	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	214845	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	141991	20.000	ng	0.00
64) Phenanthrene-d10	17.531	188	314720	20.000	ng	0.00
76) Chrysene-d12	21.826	240	286561	20.000	ng	0.00
86) Perylene-d12	25.186	264	309701	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	442931	153.848	ng	0.00
7) Phenol-d6	7.296	99	573951	145.773	ng	0.00
23) Nitrobenzene-d5	9.323	82	350263	85.585	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	238025	134.154	ng	0.00
45) 2-Fluorobiphenyl	13.412	172	786473	83.250	ng	0.00
79) Terphenyl-d14	20.128	244	1310387	90.605	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.529	88	49222	35.804	ng	99
3) Pyridine	3.941	79	138994	36.248	ng	98
4) n-Nitrosodimethylamine	3.853	42	78207	47.182	ng	100
6) Aniline	7.472	93	232419	49.683	ng	98
8) 2-Chlorophenol	7.713	128	165272	52.543	ng	99
9) Benzaldehyde	7.284	77	100482	38.938	ng	99
10) Phenol	7.325	94	203082	50.155	ng	99
11) bis(2-Chloroethyl)ether	7.560	93	159361	48.937	ng	98
12) 1,3-Dichlorobenzene	8.036	146	175475	48.206	ng	100
13) 1,4-Dichlorobenzene	8.189	146	177457	48.331	ng	98
14) 1,2-Dichlorobenzene	8.506	146	172398	49.518	ng	100
15) Benzyl Alcohol	8.388	79	146775	51.601	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.676	45	249012	48.868	ng	99
17) 2-Methylphenol	8.588	107	141922	50.908	ng	98
18) Hexachloroethane	9.246	117	64521	48.460	ng	100
19) n-Nitroso-di-n-propyla...	8.958	70	127761	47.187	ng	98
20) 3+4-Methylphenols	8.917	107	189560	49.035	ng	98
22) Acetophenone	8.976	105	242764	45.165	ng	# 99
24) Nitrobenzene	9.370	77	180661	43.796	ng	96
25) Isophorone	9.887	82	351897	46.115	ng	99
26) 2-Nitrophenol	10.081	139	86104	47.254	ng	98
27) 2,4-Dimethylphenol	10.128	122	154230	53.422	ng	98
28) bis(2-Chloroethoxy)met...	10.368	93	212124	48.783	ng	99
29) 2,4-Dichlorophenol	10.615	162	153744	46.820	ng	99
30) 1,2,4-Trichlorobenzene	10.833	180	164448	43.822	ng	97
31) Naphthalene	11.026	128	495868	43.018	ng	100
32) Benzoic acid	10.263	122	78960	39.884	ng	96
33) 4-Chloroaniline	11.132	127	181319	38.584	ng	98
34) Hexachlorobutadiene	11.303	225	104785	43.582	ng	100
35) Caprolactam	11.902	113	54040m	46.646	ng	
36) 4-Chloro-3-methylphenol	12.237	107	170499	47.481	ng	97
37) 2-Methylnaphthalene	12.625	142	352075	43.579	ng	98
38) 1-Methylnaphthalene	12.842	142	334024	42.495	ng	98
40) 1,2,4,5-Tetrachloroben...	12.983	216	187392	43.781	ng	99
41) Hexachlorocyclopentadiene	12.960	237	259776	114.442	ng	98
43) 2,4,6-Trichlorophenol	13.218	196	129121	45.449	ng	99

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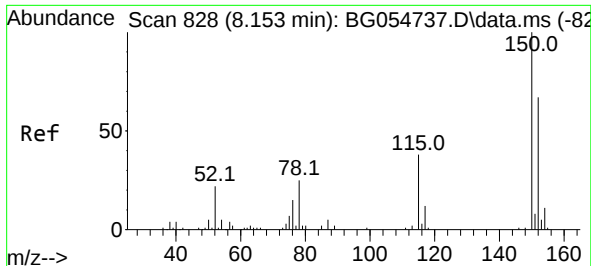
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.289	196	141542	44.363	ng	99
46) 1,1'-Biphenyl	13.618	154	468497	44.431	ng	99
47) 2-Chloronaphthalene	13.665	162	344810	43.058	ng	100
48) 2-Nitroaniline	13.864	65	113580	45.257	ng	97
49) Acenaphthylene	14.511	152	574832	43.500	ng	100
50) Dimethylphthalate	14.235	163	472081	43.155	ng	99
51) 2,6-Dinitrotoluene	14.352	165	102347	45.742	ng	91
52) Acenaphthene	14.851	154	402207m	47.383	ng	
53) 3-Nitroaniline	14.687	138	97128	38.778	ng	97
54) 2,4-Dinitrophenol	14.887	184	108337	85.310	ng	91
55) Dibenzofuran	15.180	168	539488	43.252	ng	100
56) 4-Nitrophenol	14.981	139	184860	95.371	ng	97
57) 2,4-Dinitrotoluene	15.139	165	142710	46.112	ng	88
58) Fluorene	15.827	166	451741	42.991	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.398	232	123420	42.912	ng	96
60) Diethylphthalate	15.586	149	474810	43.467	ng	98
61) 4-Chlorophenyl-phenyle...	15.815	204	230907	44.546	ng	98
62) 4-Nitroaniline	15.850	138	110880	43.359	ng	97
63) Azobenzene	16.109	77	444008	42.770	ng	99
65) 4,6-Dinitro-2-methylph...	15.897	198	74414	46.451	ng	98
66) n-Nitrosodiphenylamine	16.032	169	406128	44.748	ng	99
67) 4-Bromophenyl-phenylether	16.714	248	157454	45.568	ng	98
68) Hexachlorobenzene	16.826	284	173972	44.787	ng	99
69) Atrazine	16.972	200	150308	46.943	ng	99
70) Pentachlorophenol	17.172	266	206531	97.857	ng	99
71) Phenanthrene	17.572	178	726851	43.354	ng	99
72) Anthracene	17.666	178	737470	45.244	ng	100
73) Carbazole	17.930	167	691477	46.044	ng	99
74) Di-n-butylphthalate	18.477	149	834498	43.913	ng	100
75) Fluoranthene	19.575	202	895424	43.904	ng	100
77) Benzidine	19.752	184	640305	90.212	ng	98
78) Pyrene	19.940	202	891849	44.633	ng	99
80) Butylbenzylphthalate	20.815	149	365945	43.906	ng	98
81) Benzo(a)anthracene	21.802	228	853625	43.934	ng	99
82) 3,3'-Dichlorobenzidine	21.714	252	295653	43.401	ng	98
83) Chrysene	21.873	228	795843	42.839	ng	99
84) Bis(2-ethylhexyl)phtha...	21.690	149	542952	45.215	ng	100
85) Di-n-octyl phthalate	22.954	149	913069	44.837	ng	97
87) Indeno(1,2,3-cd)pyrene	29.064	276	1029316	43.779	ng	99
88) Benzo(b)fluoranthene	24.111	252	900586	46.355	ng	99
89) Benzo(k)fluoranthene	24.188	252	903933	46.232	ng	99
90) Benzo(a)pyrene	25.028	252	809354	48.761	ng	99
91) Dibenzo(a,h)anthracene	29.135	278	881518	46.021	ng	99
92) Benzo(g,h,i)perylene	30.280	276	885076	45.739	ng	99

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



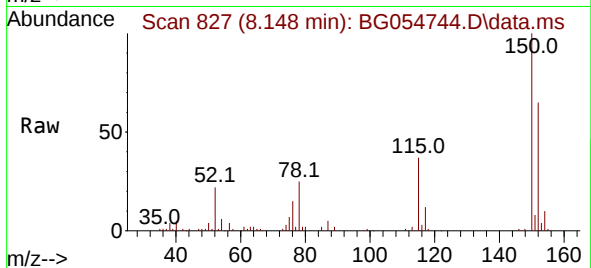
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.148 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BG054744.D
 Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

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PB147245BS

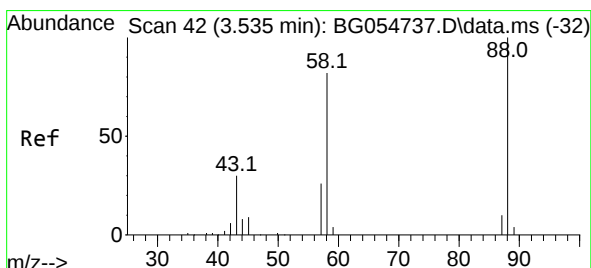
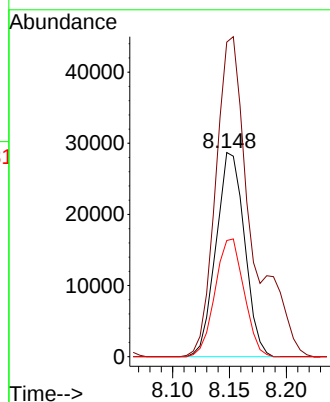
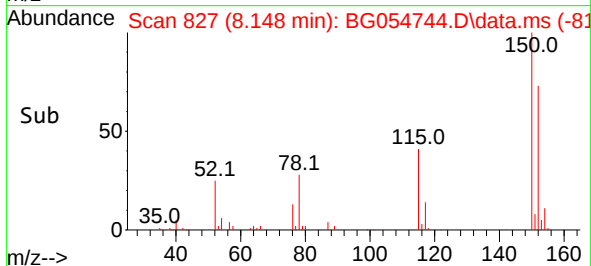


Tgt Ion:152 Resp: 50134
 Ion Ratio Lower Upper
 152 100
 150 154.1 125.2 187.8
 115 56.9 47.9 71.9

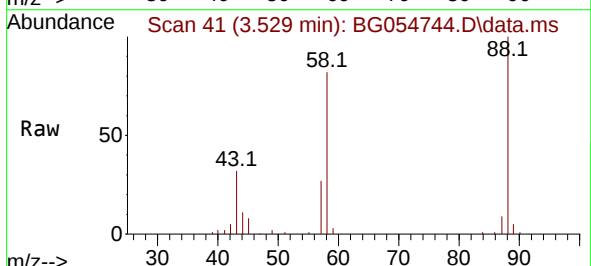
Manual Integrations

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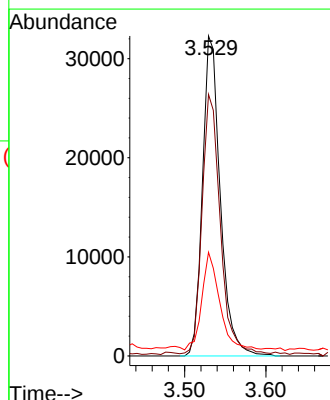
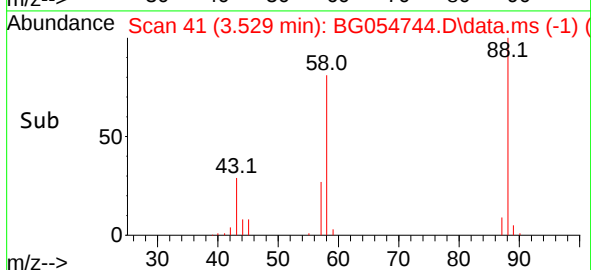
Reviewed By :Christian Giraldo 08/26/2022
 Supervised By :Jagrut Upadhyay 08/26/2022



#2
 1,4-Dioxane
 Concen: 35.804 ng
 RT: 3.529 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BG054744.D
 Acq: 25 Aug 2022 20:31



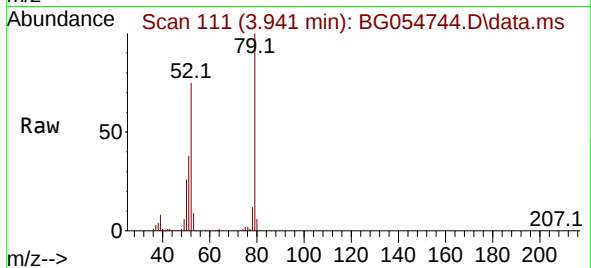
Tgt Ion: 88 Resp: 49222
 Ion Ratio Lower Upper
 88 100
 58 82.2 65.9 98.9
 43 30.3 22.7 34.1





#3
Pyridine
Concen: 36.248 ng
RT: 3.941 min Scan# 112
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

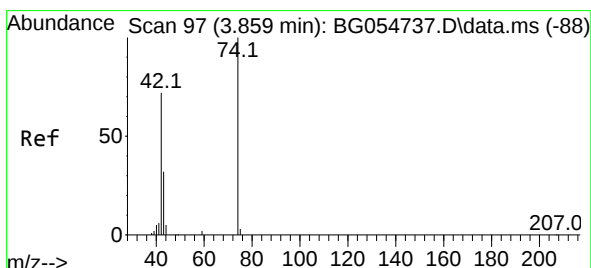
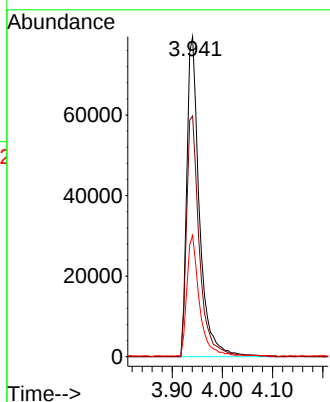
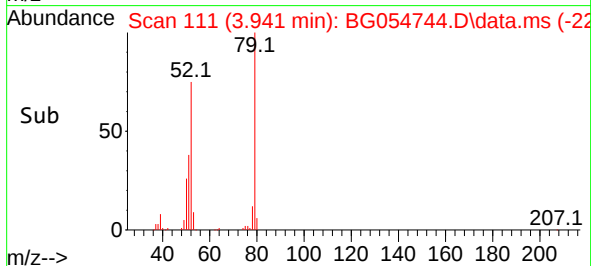
Instrument :
BNA_G
ClientSampleId :
PB147245BS



Tgt Ion: 79 Resp: 138994
Ion Ratio Lower Upper
79 100
52 75.3 61.4 92.0
51 37.9 31.4 47.0

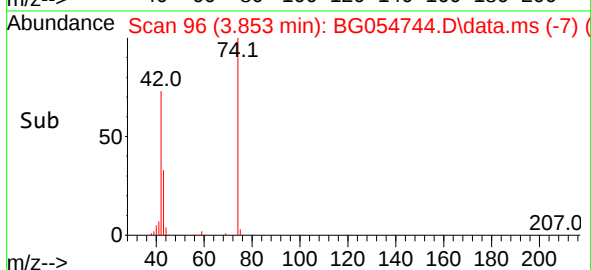
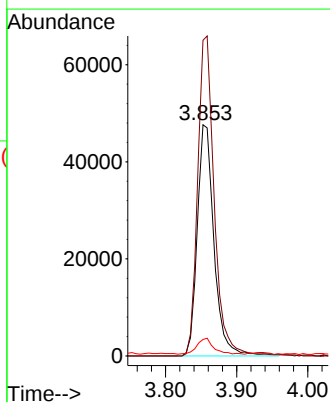
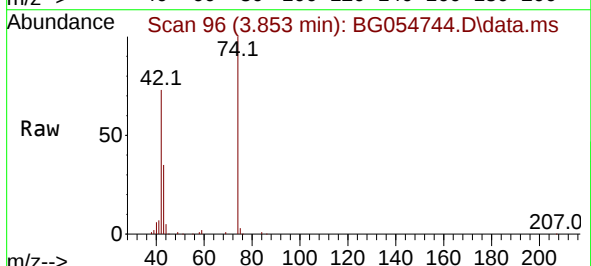
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#4
n-Nitrosodimethylamine
Concen: 47.182 ng
RT: 3.853 min Scan# 96
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Tgt Ion: 42 Resp: 78207
Ion Ratio Lower Upper
42 100
74 136.6 109.6 164.4
44 7.1 5.5 8.3





#5
2-Fluorophenol
Concen: 153.848 ng
RT: 5.686 min Scan# 408
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

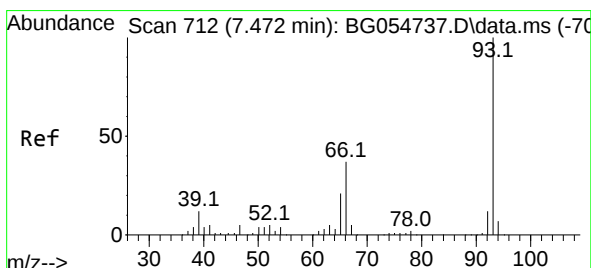
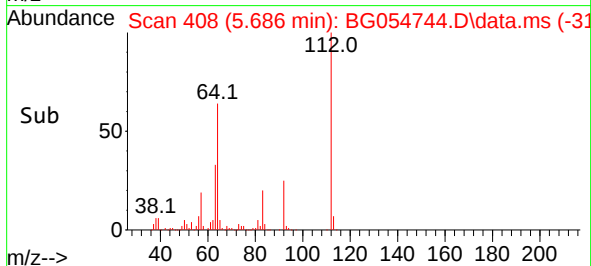
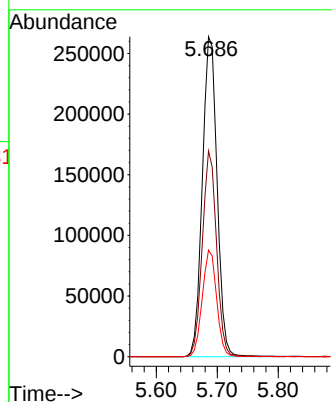
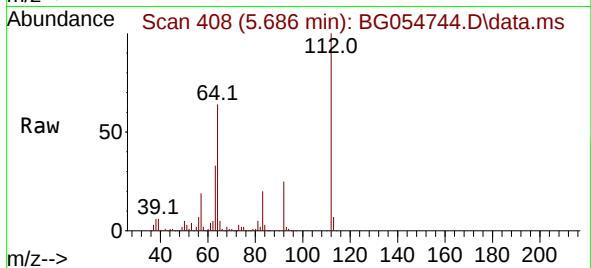
ClientSampleId :

PB147245BS

Tgt Ion:112 Resp: 44293
Ion Ratio Lower Upper
112 100
64 64.3 49.3 73.9
63 33.3 26.3 39.5

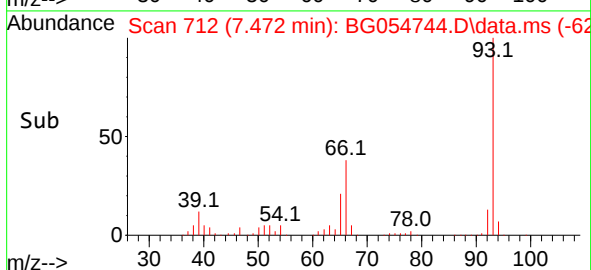
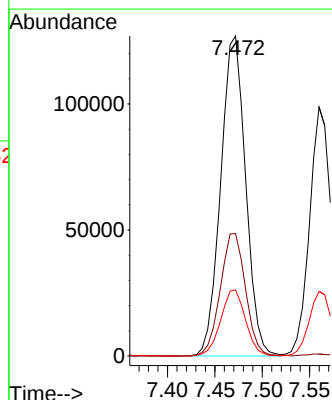
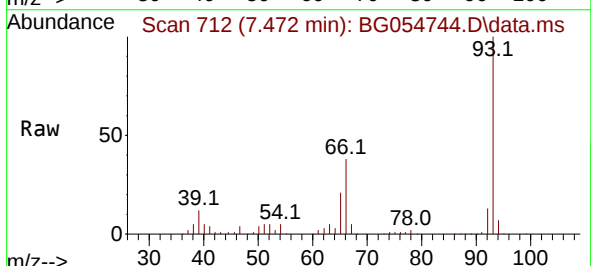
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#6
Aniline
Concen: 49.683 ng
RT: 7.472 min Scan# 712
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

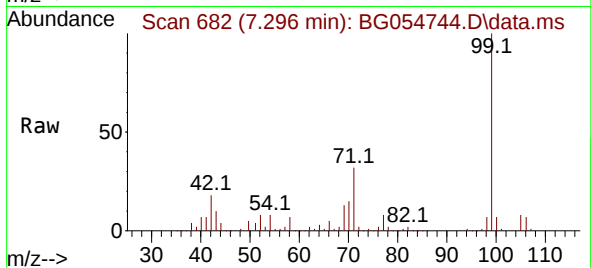
Tgt Ion: 93 Resp: 232419
Ion Ratio Lower Upper
93 100
66 38.2 31.8 47.8
65 20.6 16.6 25.0





#7
Phenol-d6
Concen: 145.773 ng
RT: 7.296 min Scan# 682
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

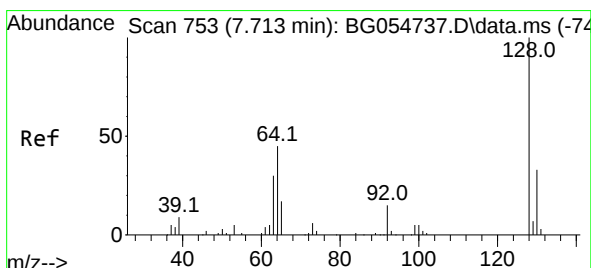
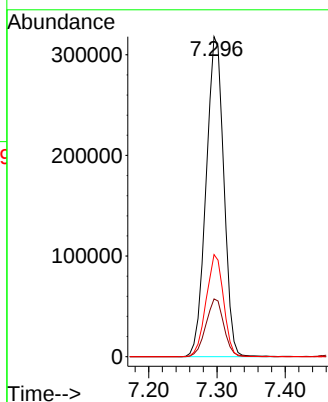
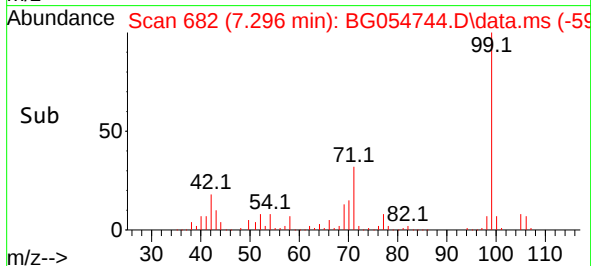
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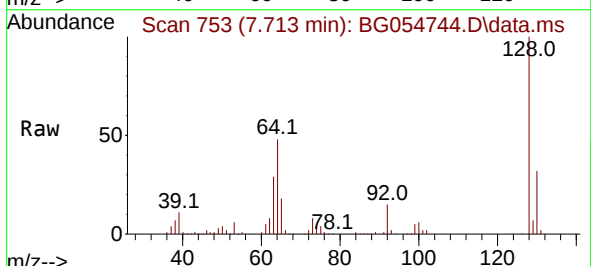
Tgt Ion: 99 Resp: 57395
Ion Ratio Lower Upper
99 100
42 18.0 14.6 22.0
71 31.9 24.6 37.0

Manual Integrations
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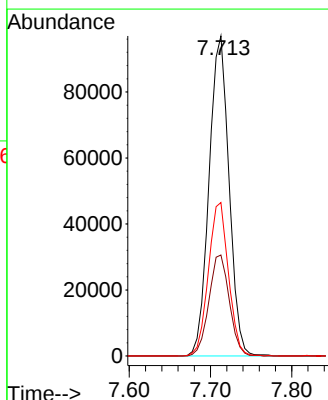
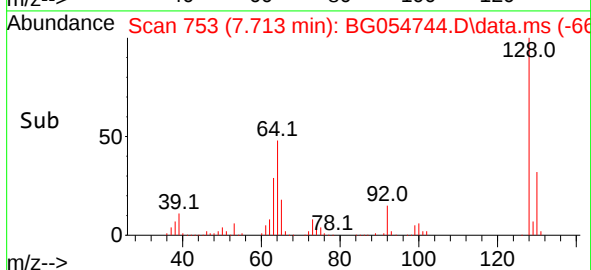
Reviewed By :Christian Giraldo 08/26/2022
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#8
2-Chlorophenol
Concen: 52.543 ng
RT: 7.713 min Scan# 753
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31



Tgt Ion:128 Resp: 165272
Ion Ratio Lower Upper
128 100
130 31.5 12.5 52.5
64 47.9 28.6 68.6





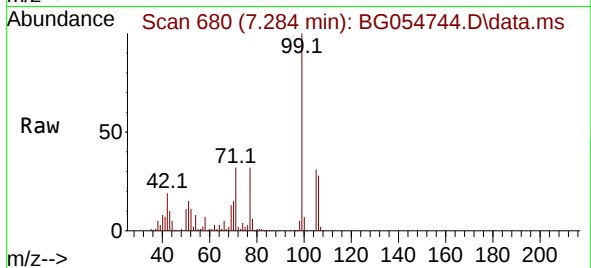
#9
Benzaldehyde
Concen: 38.938 ng
RT: 7.284 min Scan# 680
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

ClientSampleId :

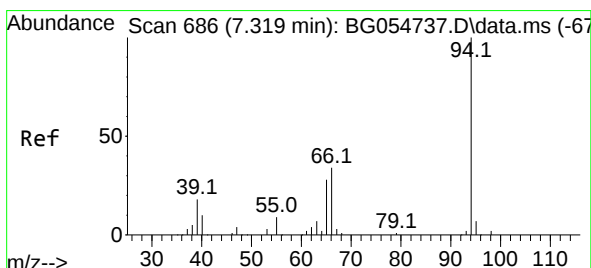
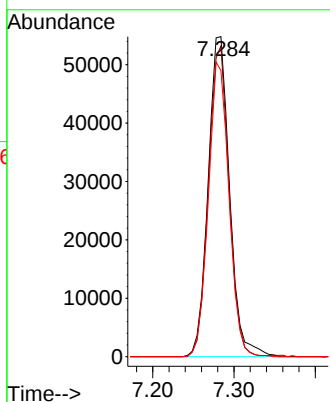
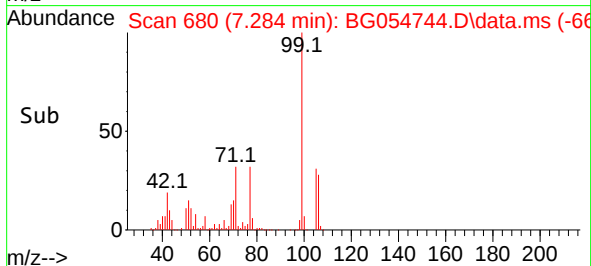
PB147245BS



Tgt Ion: 77 Resp: 100482
Ion Ratio Lower Upper
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106 89.4 70.2 110.2

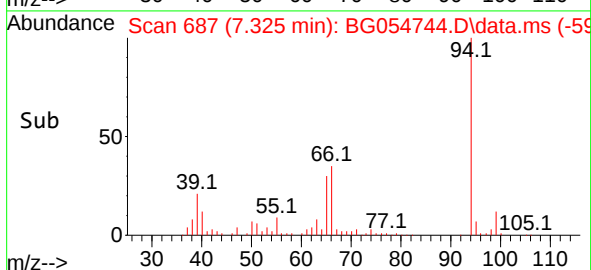
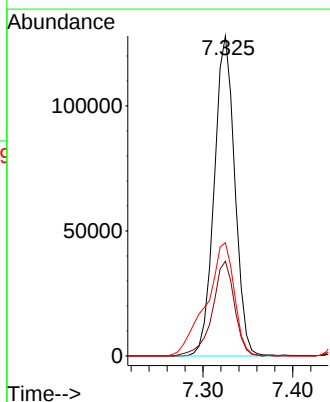
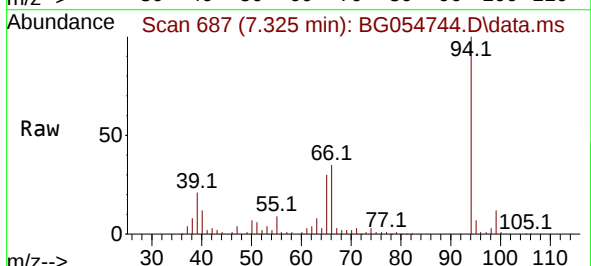
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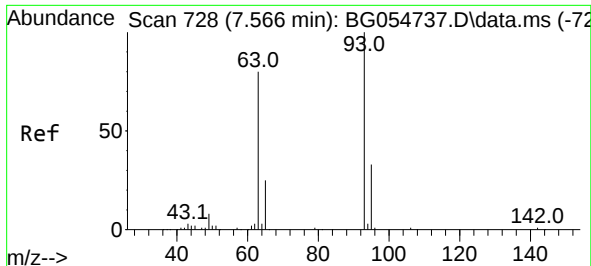
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#10
Phenol
Concen: 50.155 ng
RT: 7.325 min Scan# 687
Delta R.T. 0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Tgt Ion: 94 Resp: 203082
Ion Ratio Lower Upper
94 100
65 29.6 9.9 49.9
66 35.4 16.4 56.4





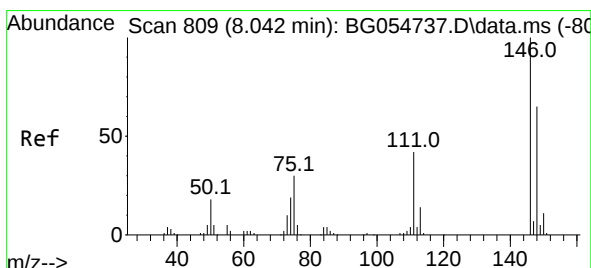
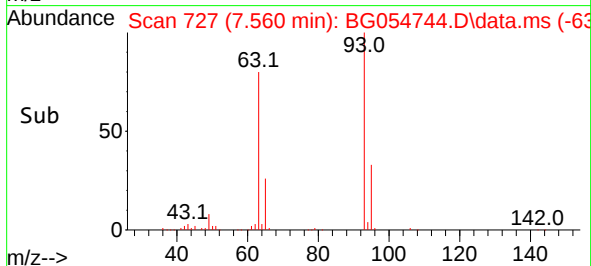
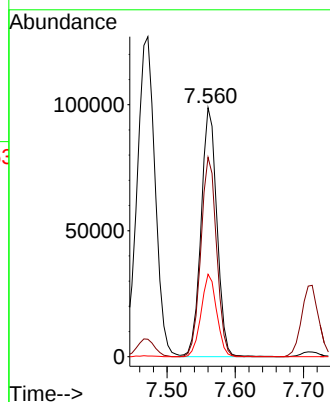
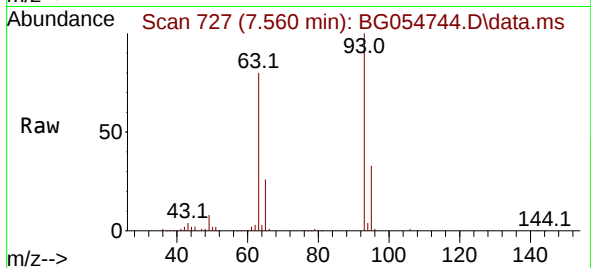
#11
bis(2-Chloroethyl)ether
Concen: 48.937 ng
RT: 7.560 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Instrument :
BNA_G
ClientSampleId :
PB147245BS

Tgt Ion: 93 Resp: 15936
Ion Ratio Lower Upper
93 100
63 80.0 62.1 102.1
95 33.1 12.1 52.1

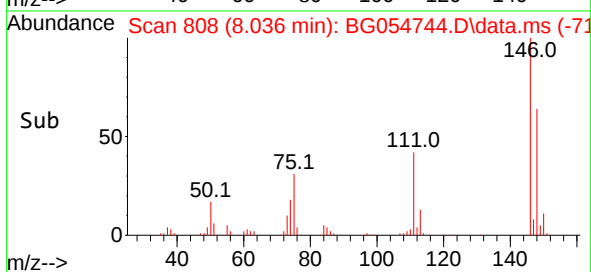
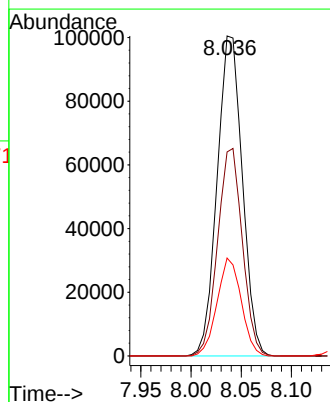
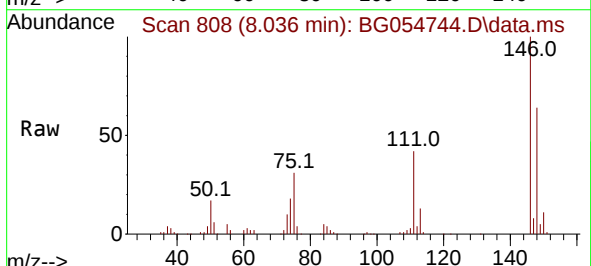
Manual Integrations
APPROVED

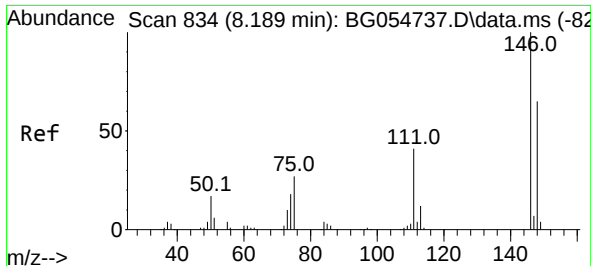
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#12
1,3-Dichlorobenzene
Concen: 48.206 ng
RT: 8.036 min Scan# 808
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Tgt Ion:146 Resp: 175475
Ion Ratio Lower Upper
146 100
148 63.7 50.6 76.0
75 30.6 24.3 36.5





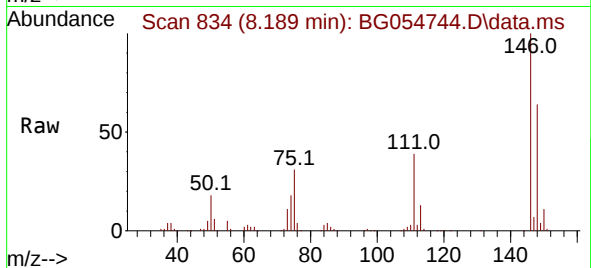
#13
1,4-Dichlorobenzene
Concen: 48.331 ng
RT: 8.189 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

ClientSampleId :

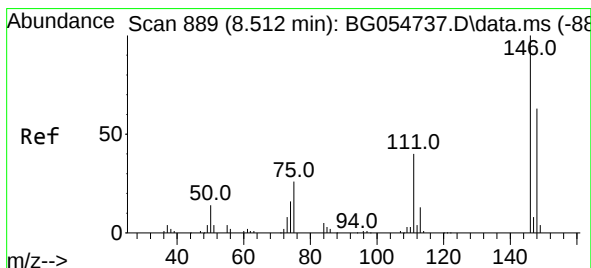
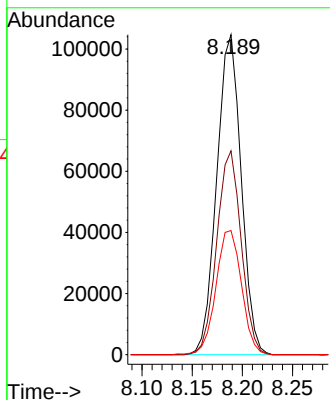
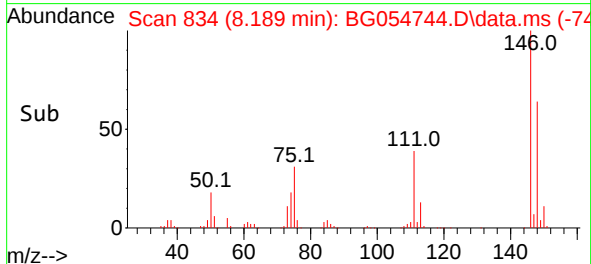
PB147245BS



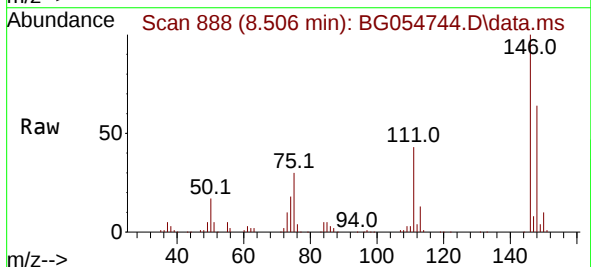
Tgt Ion:146 Resp: 17745
Ion Ratio Lower Upper
146 100
148 63.7 50.4 75.6
111 38.8 33.0 49.4

Manual Integrations
APPROVED

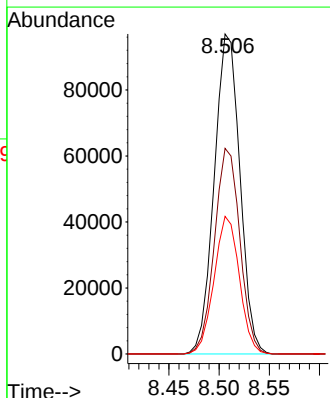
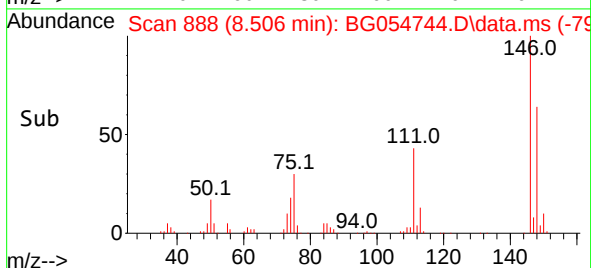
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

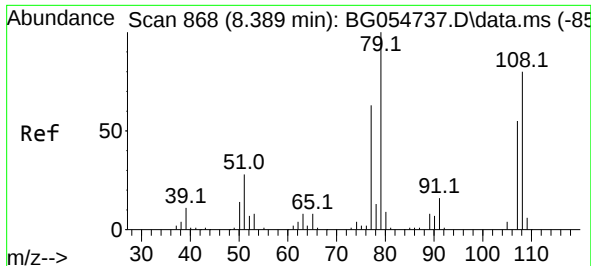


#14
1,2-Dichlorobenzene
Concen: 49.518 ng
RT: 8.506 min Scan# 888
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31



Tgt Ion:146 Resp: 172398
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
111 43.0 34.3 51.5





#15
Benzyl Alcohol
Concen: 51.601 ng
RT: 8.388 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

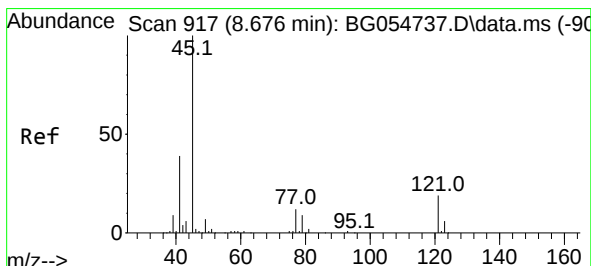
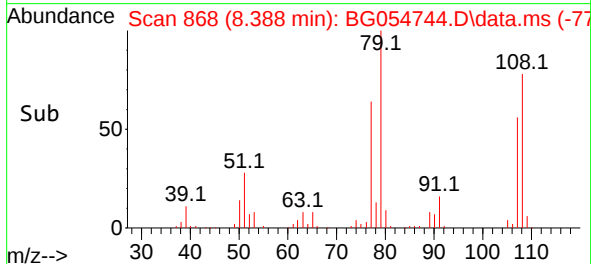
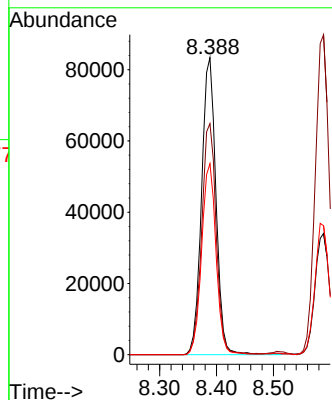
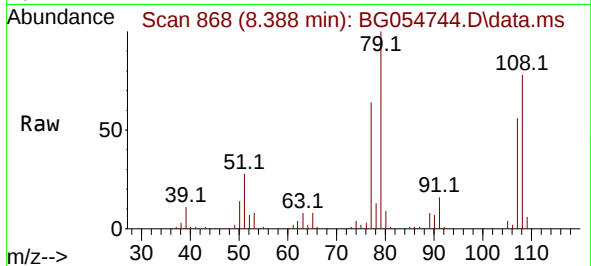
ClientSampleId :

PB147245BS

Tgt Ion: 79 Resp: 146775
Ion Ratio Lower Upper
79 100
108 77.8 63.4 95.0
77 64.3 55.0 82.4

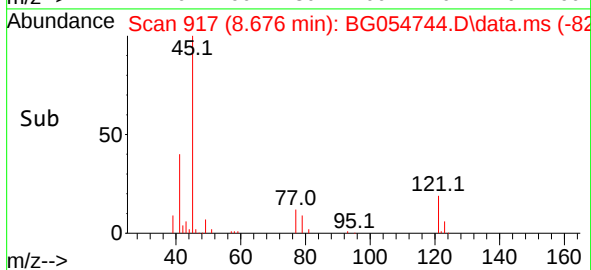
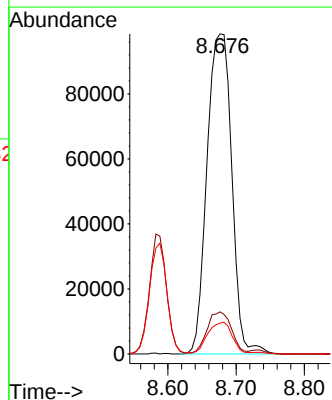
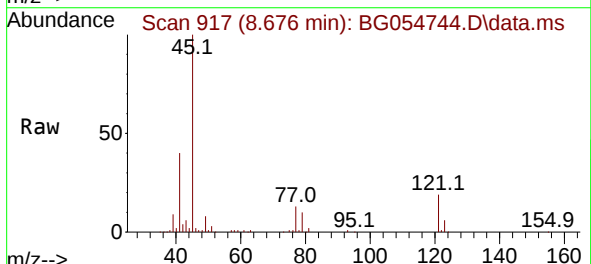
Manual Integrations
APPROVED

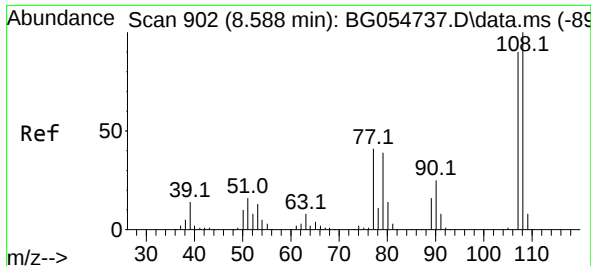
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.868 ng
RT: 8.676 min Scan# 917
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Tgt Ion: 45 Resp: 249012
Ion Ratio Lower Upper
45 100
77 13.2 0.0 32.8
79 9.6 0.0 30.4





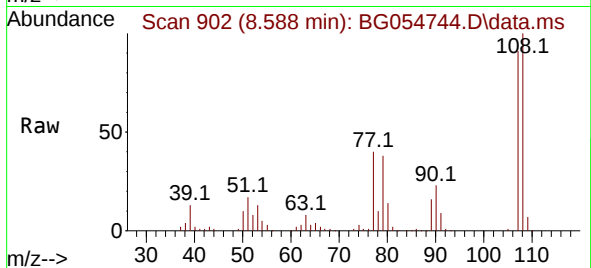
#17
2-Methylphenol
Concen: 50.908 ng
RT: 8.588 min Scan# 902
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

ClientSampleId :

PB147245BS

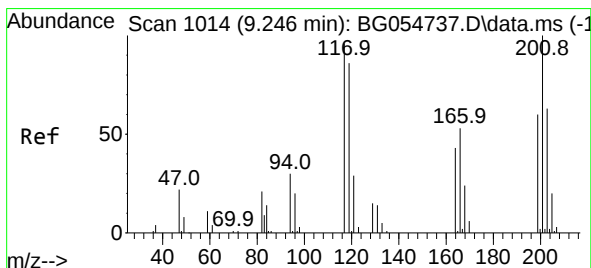
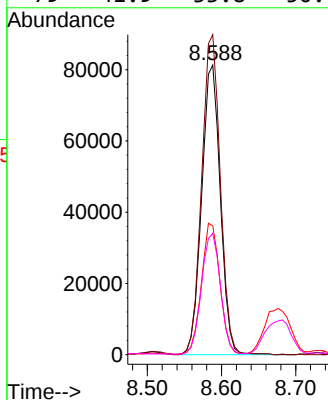
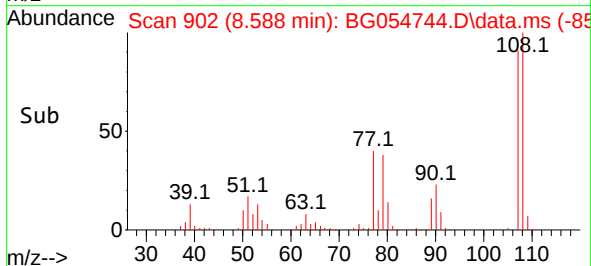


Tgt Ion:107 Resp: 14192
Ion Ratio Lower Upper
107 100
108 110.5 85.6 128.4
77 44.5 35.8 53.8
79 41.9 33.8 50.6

Manual Integrations

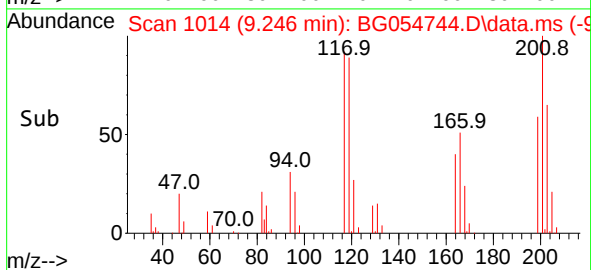
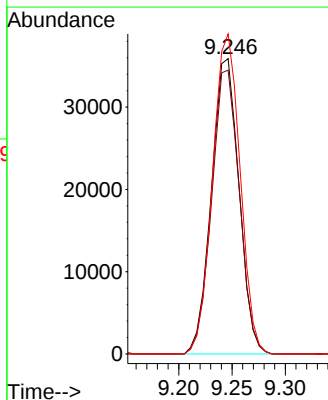
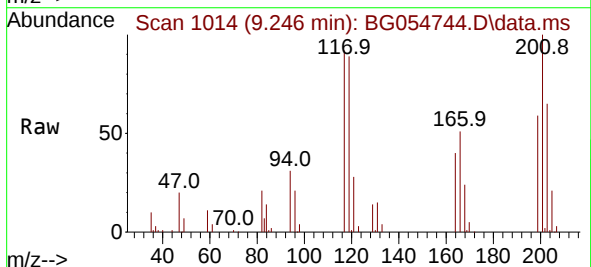
APPROVED

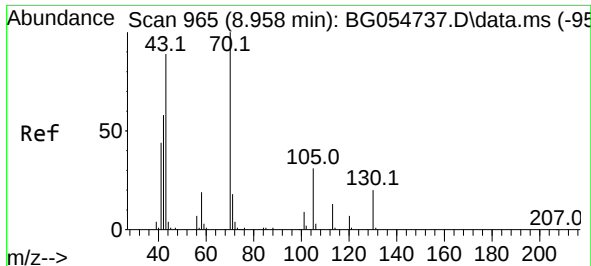
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#18
Hexachloroethane
Concen: 48.460 ng
RT: 9.246 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Tgt Ion:117 Resp: 64521
Ion Ratio Lower Upper
117 100
119 96.1 77.0 115.6
201 108.3 87.2 130.8





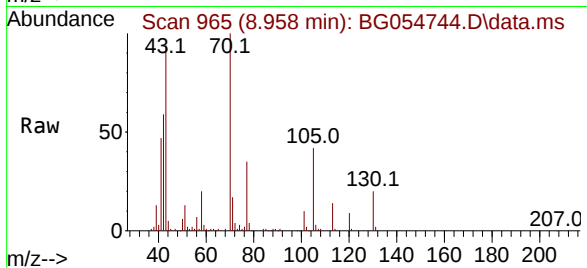
#19
n-Nitroso-di-n-propylamine
Concen: 47.187 ng
RT: 8.958 min Scan# 90
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

ClientSampleId :

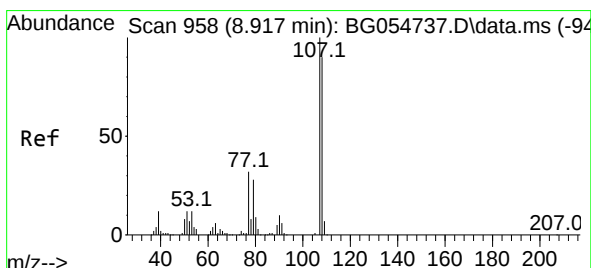
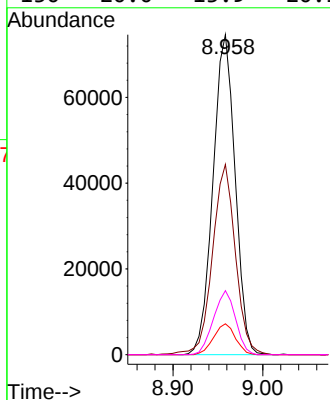
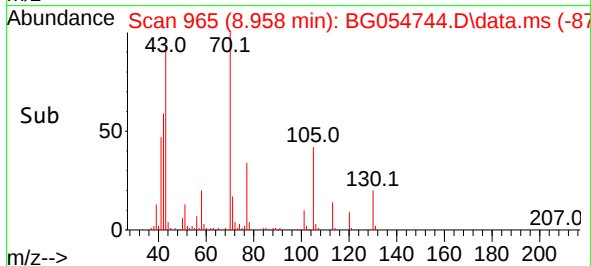
PB147245BS



Tgt Ion: 70 Resp: 12776
Ion Ratio Lower Upper
70 100
42 59.5 46.6 69.8
101 9.7 7.7 11.5
130 20.0 13.9 20.9

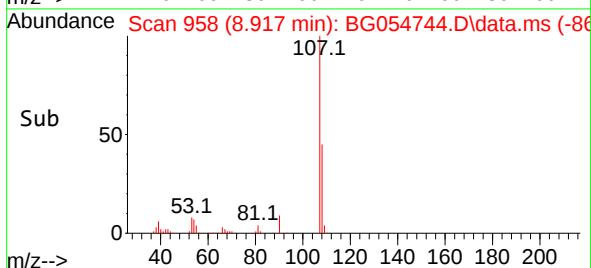
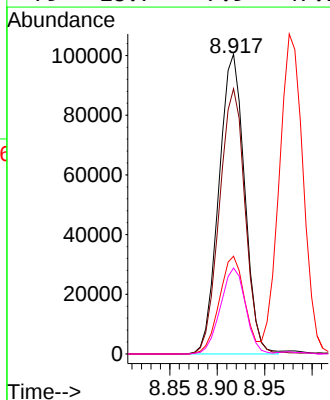
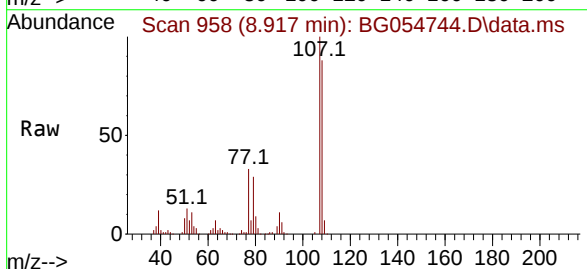
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#20
3+4-Methylphenols
Concen: 49.035 ng
RT: 8.917 min Scan# 958
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Tgt Ion:107 Resp: 189560
Ion Ratio Lower Upper
107 100
108 88.5 71.6 111.6
77 32.6 13.1 53.1
79 28.7 7.9 47.9





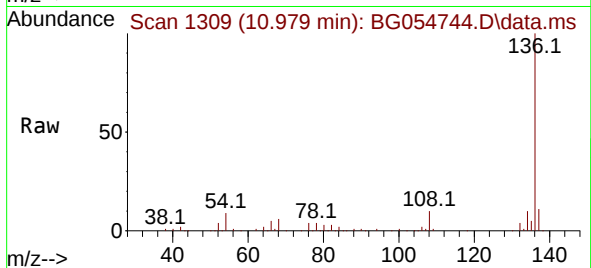
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 111
Delta R.T. -0.001 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

ClientSampleId :

PB147245BS

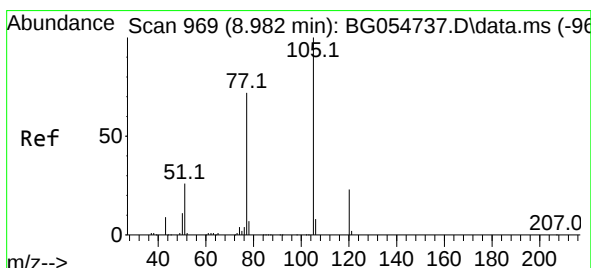
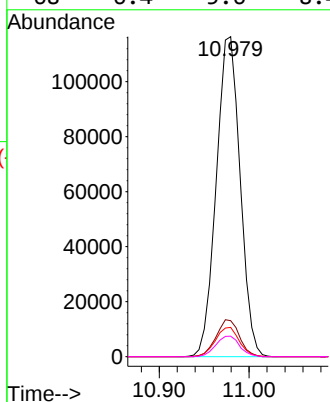
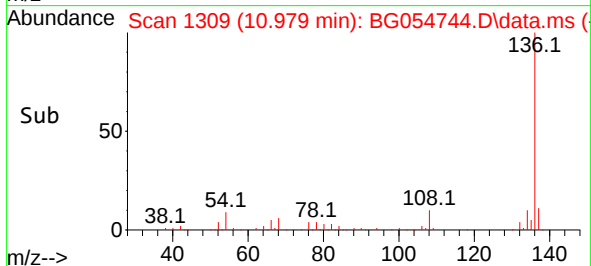


Tgt Ion:136 Resp: 214849
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 9.1 7.7 11.5
68 6.4 5.6 8.4

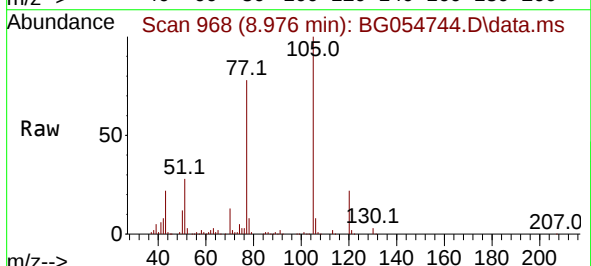
Manual Integrations

APPROVED

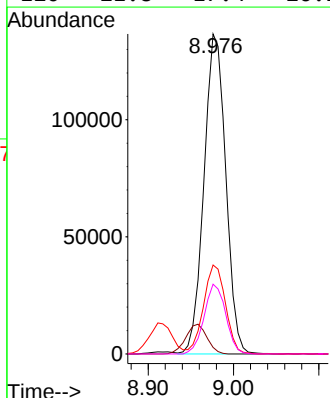
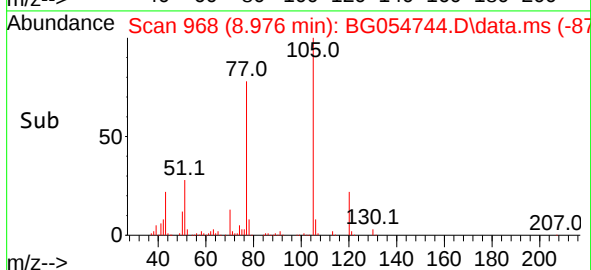
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

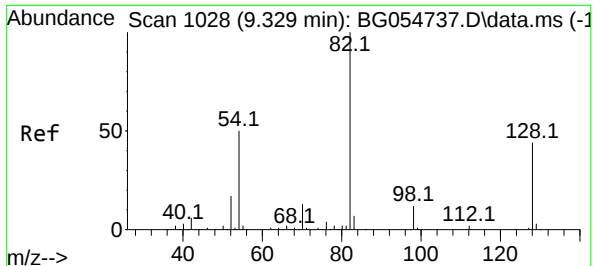


#22
Acetophenone
Concen: 45.165 ng
RT: 8.976 min Scan# 968
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31



Tgt Ion:105 Resp: 242764
Ion Ratio Lower Upper
105 100
71 2.0 1.2 1.8#
51 27.8 22.9 34.3
120 21.8 17.4 26.2





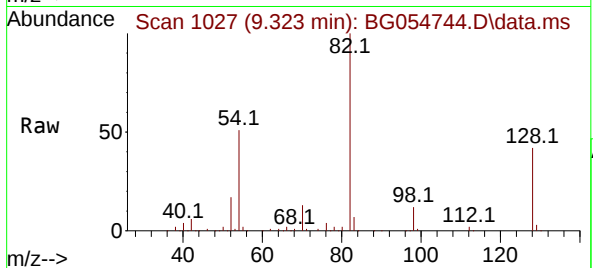
#23
Nitrobenzene-d5
Concen: 85.585 ng
RT: 9.323 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

ClientSampleId :

PB147245BS

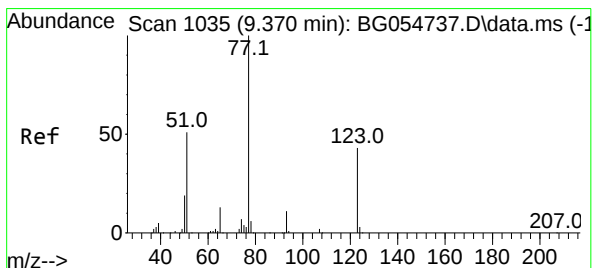
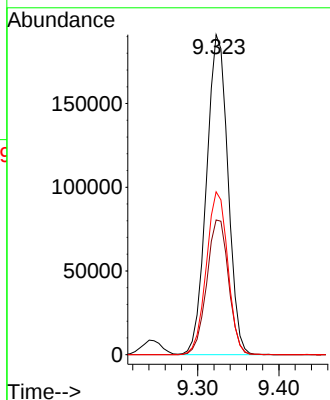
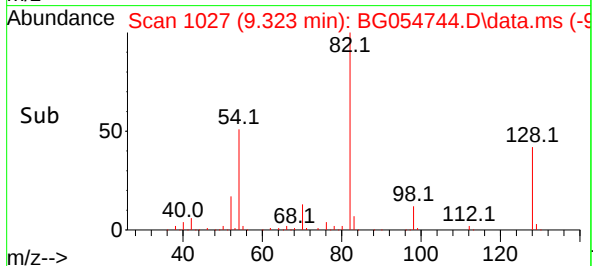


Tgt Ion: 82 Resp: 35026
Ion Ratio Lower Upper
82 100
128 42.1 32.2 48.2
54 50.9 41.4 62.0

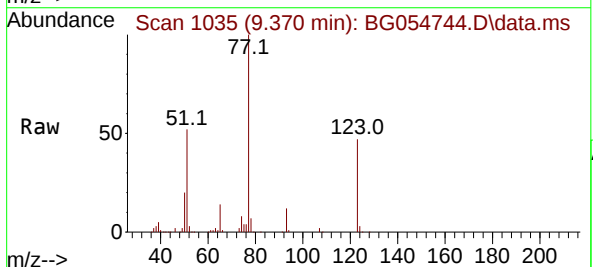
Manual Integrations

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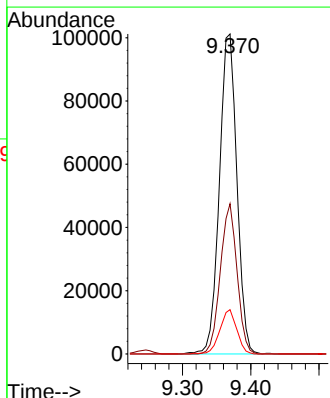
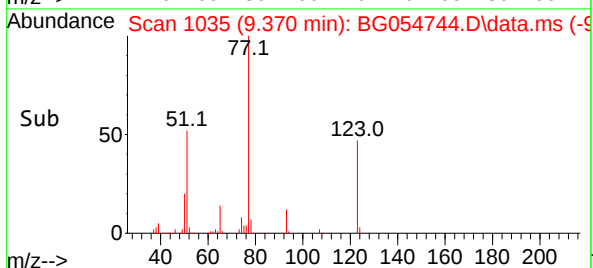
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

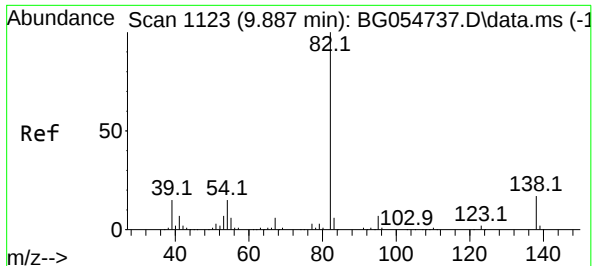


#24
Nitrobenzene
Concen: 43.796 ng
RT: 9.370 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31



Tgt Ion: 77 Resp: 180661
Ion Ratio Lower Upper
77 100
123 47.0 35.0 52.6
65 13.8 10.2 15.2





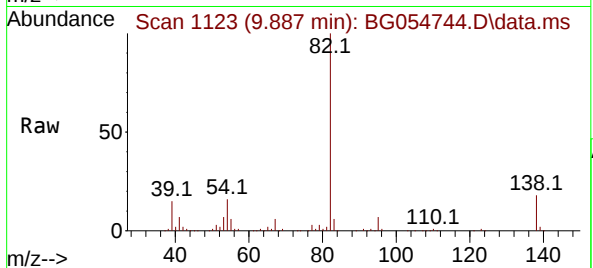
#25
Isophorone
Concen: 46.115 ng
RT: 9.887 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

ClientSampleId :

PB147245BS

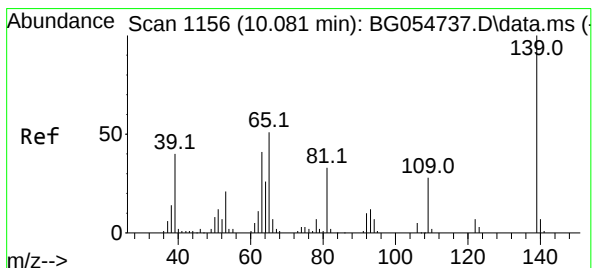
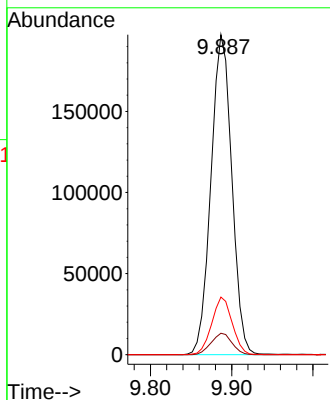
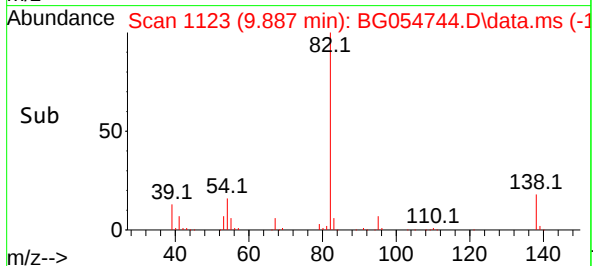


Tgt Ion: 82 Resp: 35189
Ion Ratio Lower Upper
82 100
95 6.7 5.6 8.4
138 18.0 13.9 20.9

Manual Integrations

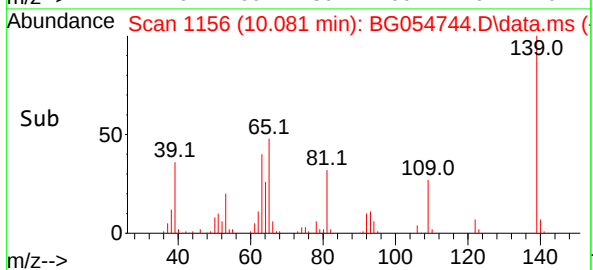
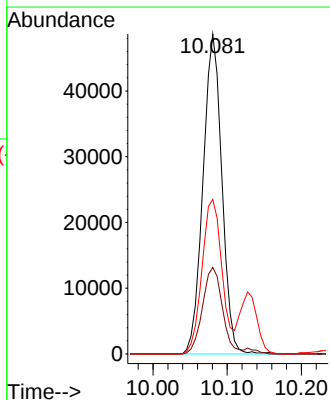
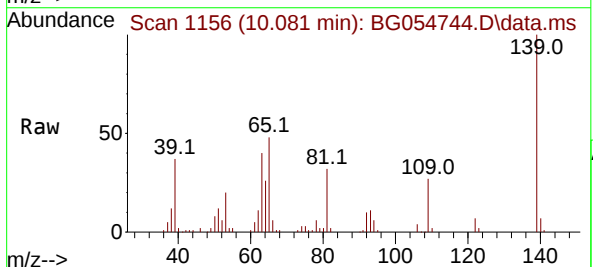
APPROVED

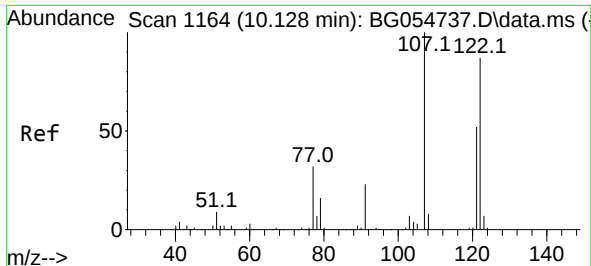
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#26
2-Nitrophenol
Concen: 47.254 ng
RT: 10.081 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Tgt Ion:139 Resp: 86104
Ion Ratio Lower Upper
139 100
109 27.0 21.8 32.6
65 48.3 37.4 56.0





#27

2,4-Dimethylphenol

Concen: 53.422 ng

RT: 10.128 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BG054744.D

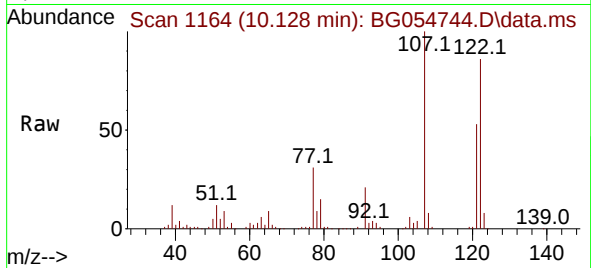
Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

ClientSampleId :

PB147245BS



Tgt Ion:122 Resp: 154230

Ion Ratio Lower Upper

122 100

107 115.7 94.6 142.0

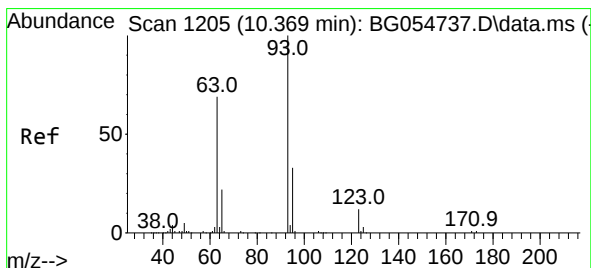
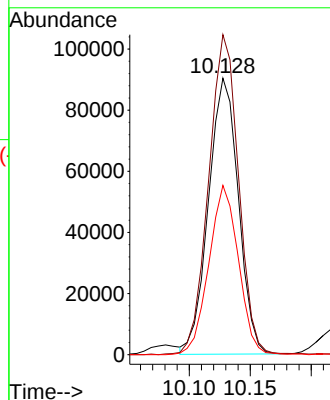
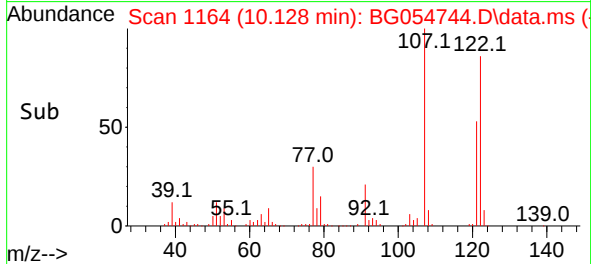
121 61.2 49.8 74.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#28

bis(2-Chloroethoxy)methane

Concen: 48.783 ng

RT: 10.368 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BG054744.D

Acq: 25 Aug 2022 20:31

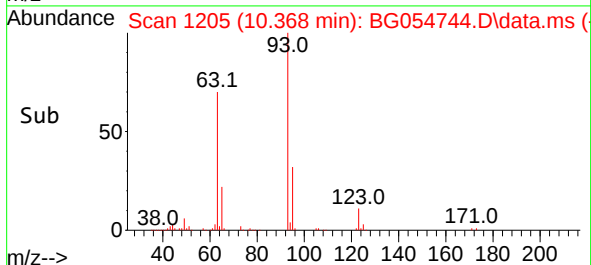
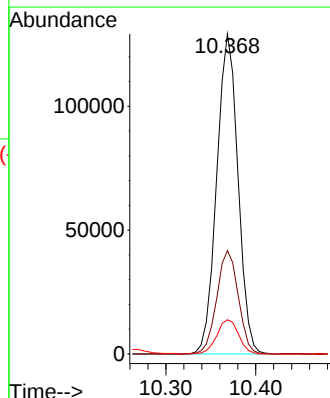
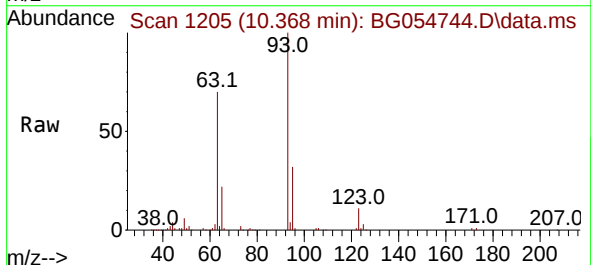
Tgt Ion: 93 Resp: 212124

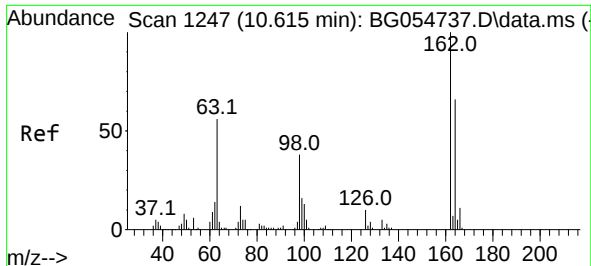
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

123 10.7 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 46.820 ng
RT: 10.615 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

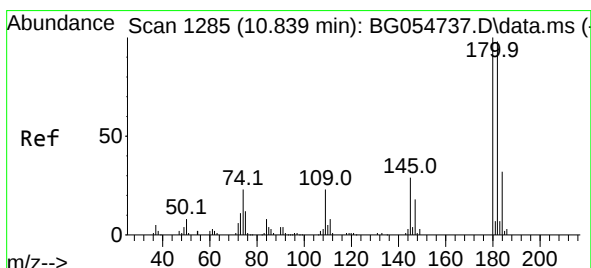
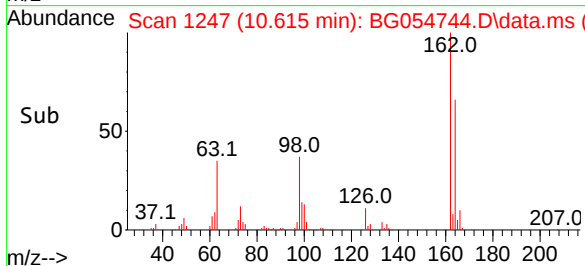
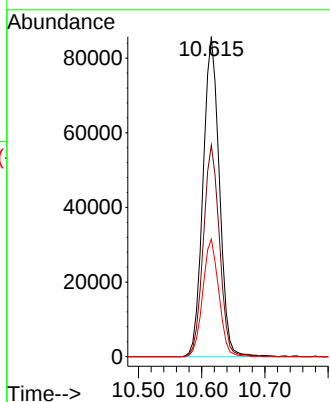
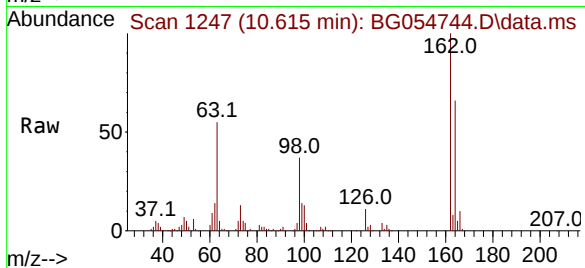
ClientSampleId :

PB147245BS

Tgt Ion:162 Resp: 153744
Ion Ratio Lower Upper
162 100
164 66.1 47.2 87.2
98 36.7 16.6 56.6

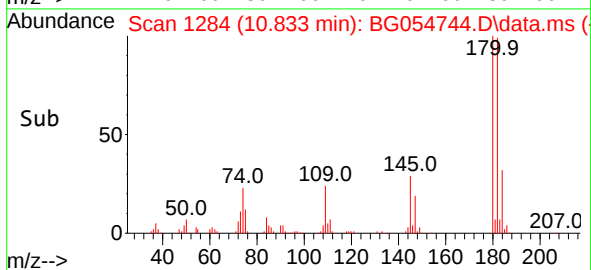
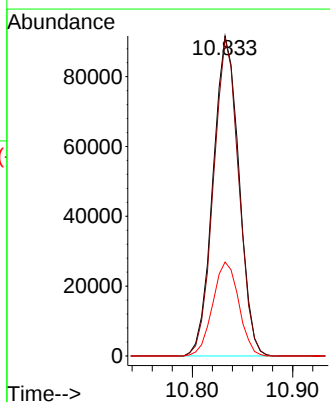
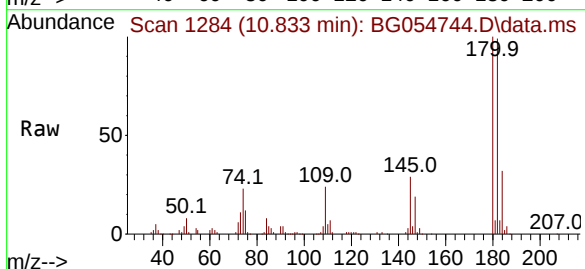
Manual Integrations
APPROVED

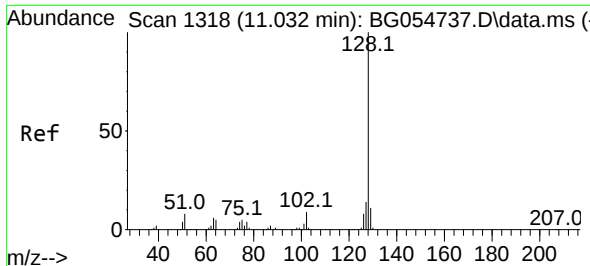
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#30
1,2,4-Trichlorobenzene
Concen: 43.822 ng
RT: 10.833 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

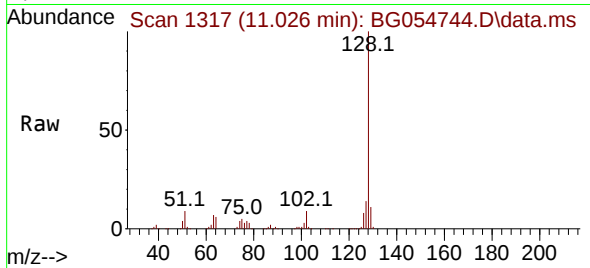
Tgt Ion:180 Resp: 164448
Ion Ratio Lower Upper
180 100
182 99.3 77.0 115.6
145 29.3 24.0 36.0





#31
Naphthalene
Concen: 43.018 ng
RT: 11.026 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

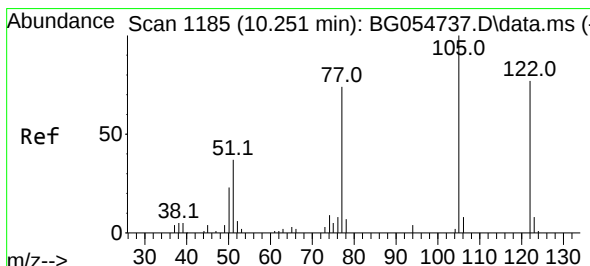
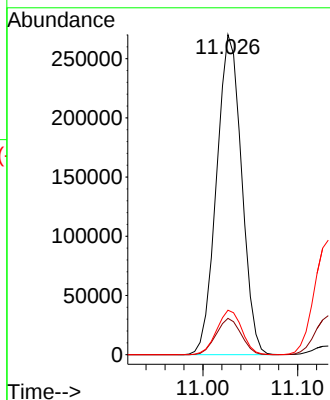
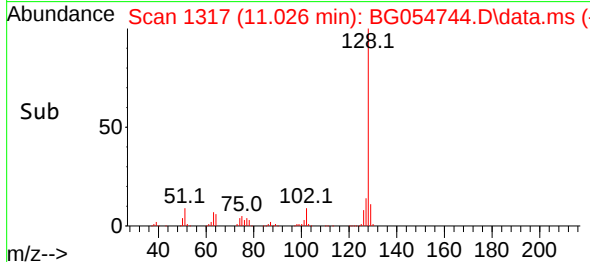
Instrument :
BNA_G
ClientSampleId :
PB147245BS



Tgt Ion:128 Resp: 49586
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.9 11.1 16.7

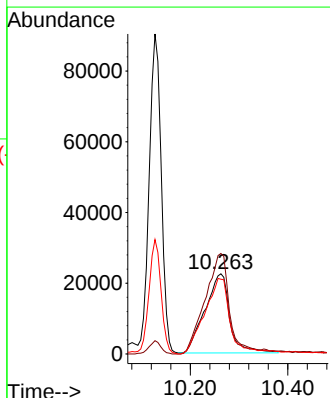
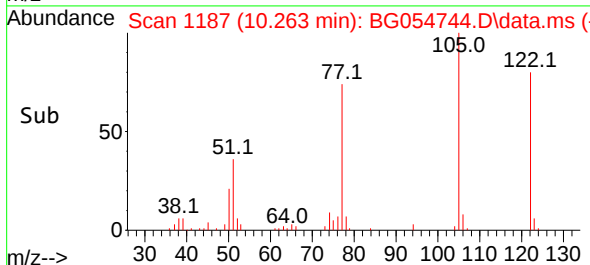
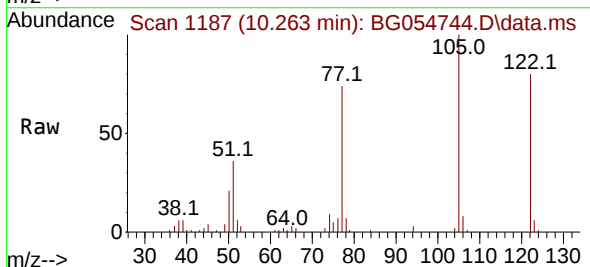
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#32
Benzoic acid
Concen: 39.884 ng
RT: 10.263 min Scan# 1187
Delta R.T. 0.012 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Tgt Ion:122 Resp: 78960
Ion Ratio Lower Upper
122 100
105 125.4 101.5 141.5
77 93.2 69.3 109.3





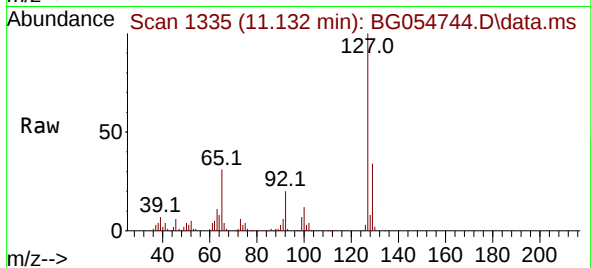
#33
4-Chloroaniline
Concen: 38.584 ng
RT: 11.132 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

ClientSampleId :

PB147245BS

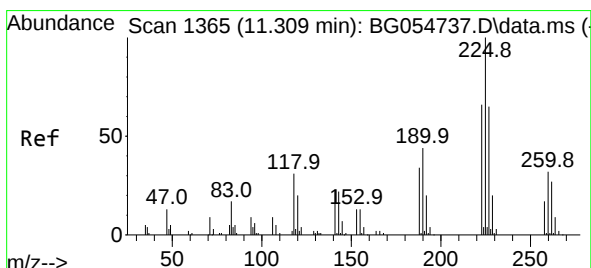
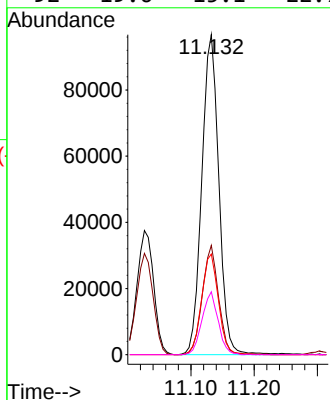
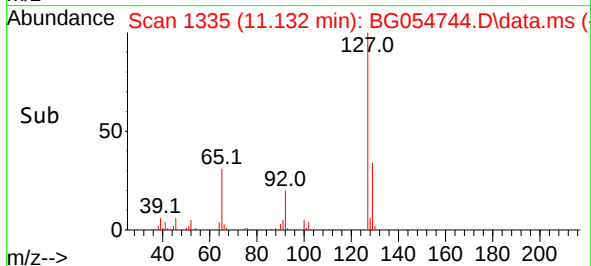


Tgt Ion:127 Resp: 181319
Ion Ratio Lower Upper
127 100
129 34.1 26.0 39.0
65 31.4 25.8 38.8
92 19.6 15.1 22.7

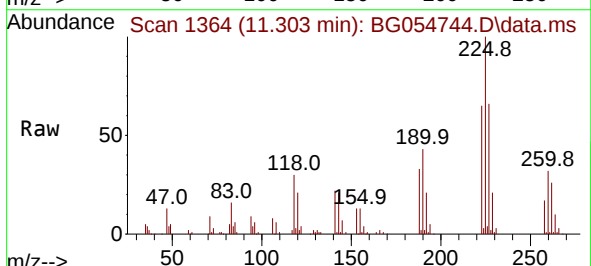
Manual Integrations

APPROVED

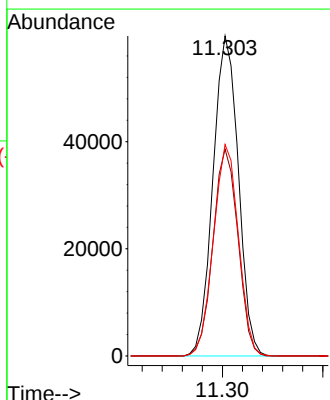
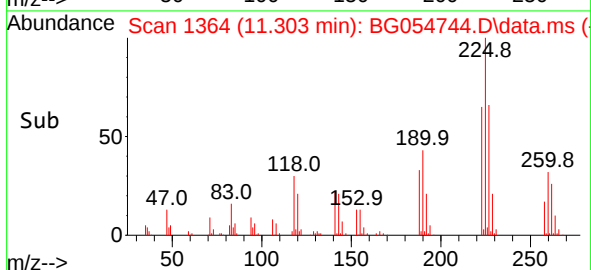
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#34
Hexachlorobutadiene
Concen: 43.582 ng
RT: 11.303 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31



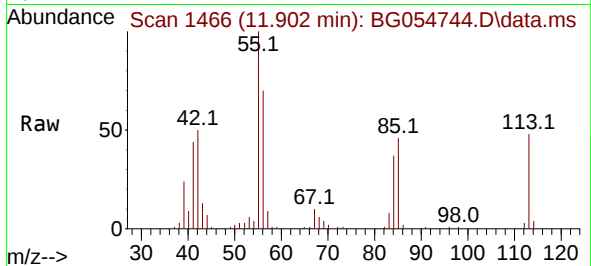
Tgt Ion:225 Resp: 104785
Ion Ratio Lower Upper
225 100
223 64.6 51.4 77.0
227 66.1 52.6 79.0





#35
Caprolactam
Concen: 46.646 ng m
RT: 11.902 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

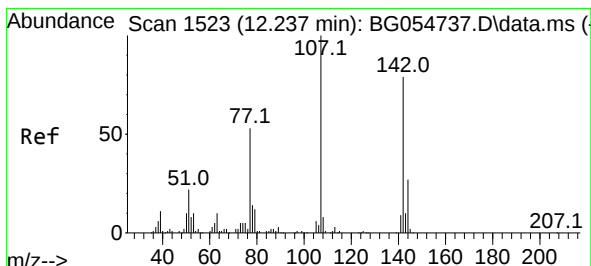
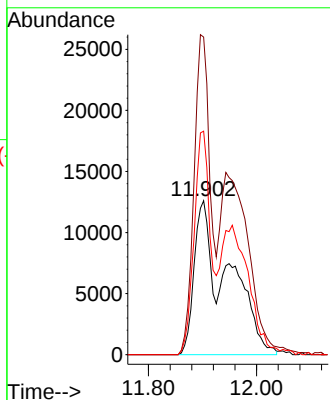
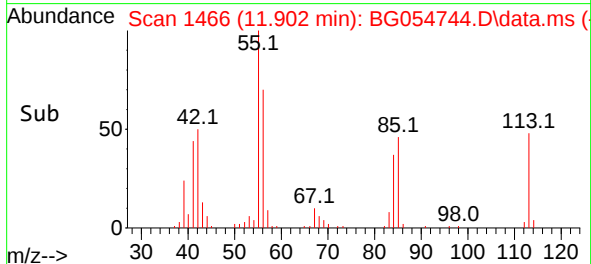
Instrument :
BNA_G
ClientSampleId :
PB147245BS



Tgt Ion:113 Resp: 54040
Ion Ratio Lower Upper
113 100
55 206.3 179.1 219.1
56 145.1 120.8 160.8

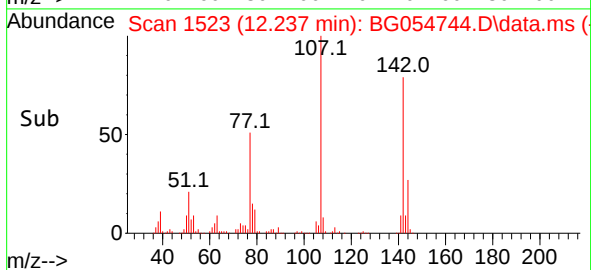
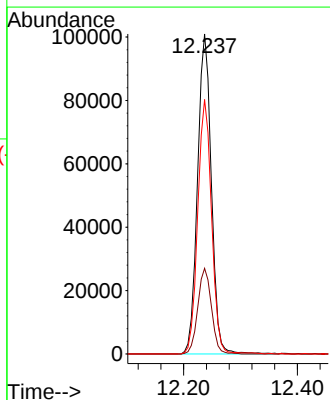
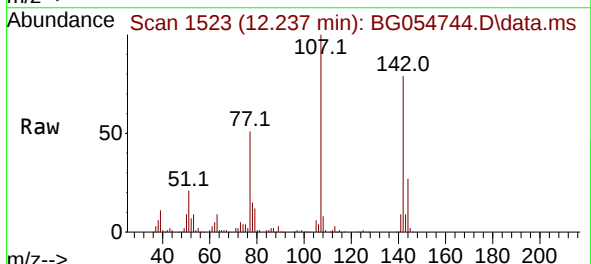
Manual Integrations
APPROVED

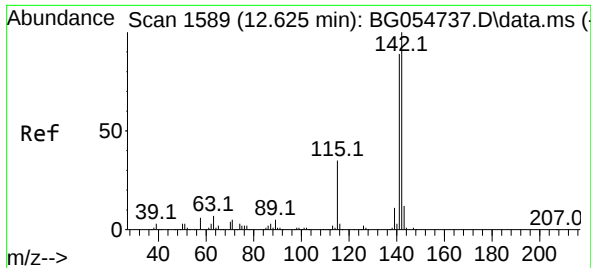
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#36
4-Chloro-3-methylphenol
Concen: 47.481 ng
RT: 12.237 min Scan# 1523
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

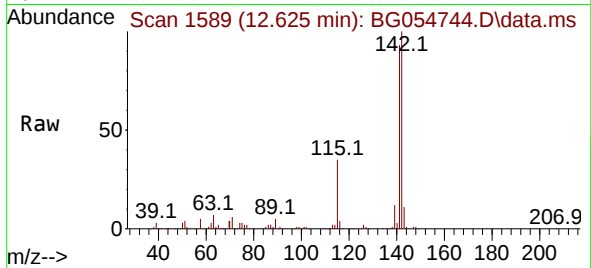
Tgt Ion:107 Resp: 170499
Ion Ratio Lower Upper
107 100
144 26.8 22.4 33.6
142 79.5 65.8 98.8





#37
2-Methylnaphthalene
Concen: 43.579 ng
RT: 12.625 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

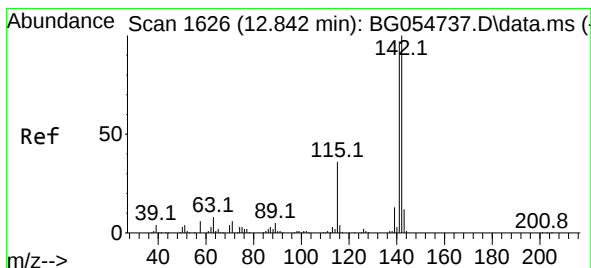
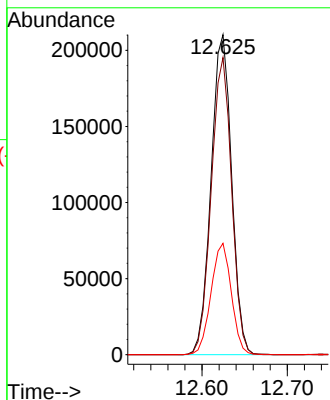
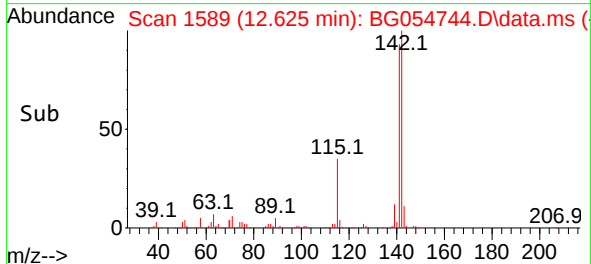
Instrument :
BNA_G
ClientSampleId :
PB147245BS



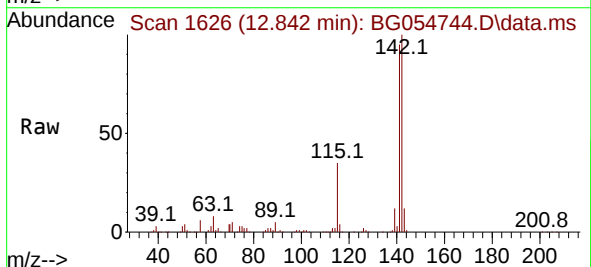
Tgt Ion:142 Resp: 352079
Ion Ratio Lower Upper
142 100
141 92.8 73.0 109.4
115 34.8 27.3 40.9

Manual Integrations
APPROVED

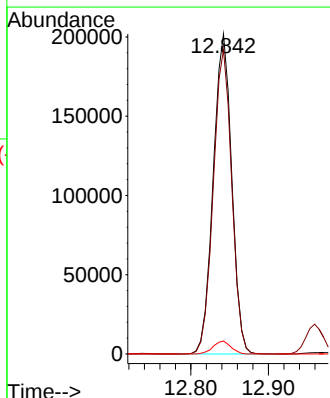
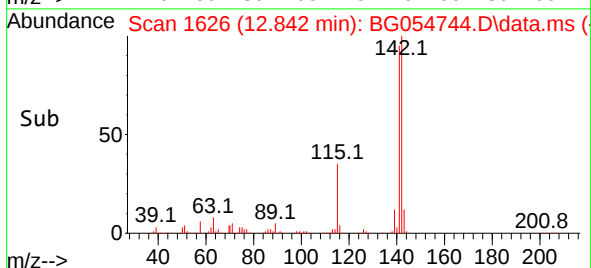
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

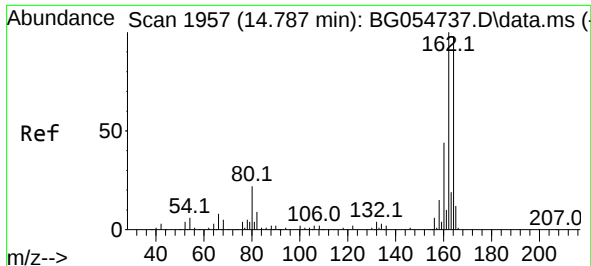


#38
1-Methylnaphthalene
Concen: 42.495 ng
RT: 12.842 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31



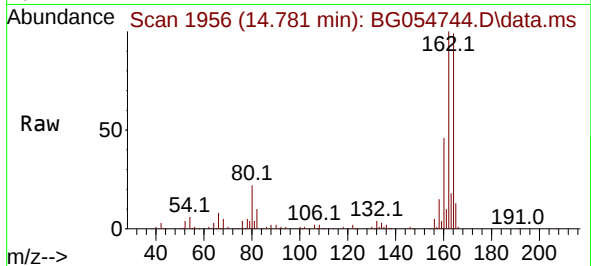
Tgt Ion:142 Resp: 334024
Ion Ratio Lower Upper
142 100
141 95.1 77.4 116.0
116 4.0 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

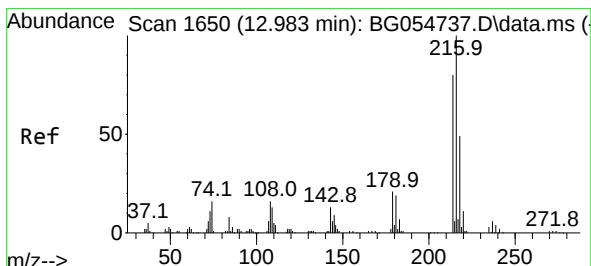
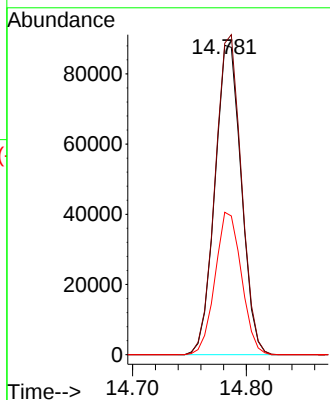
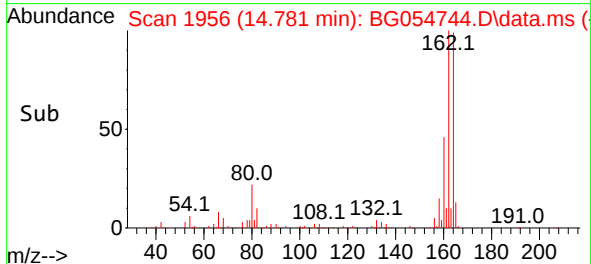
Instrument :
BNA_G
ClientSampleId :
PB147245BS



Tgt Ion:164 Resp: 14199
Ion Ratio Lower Upper
164 100
162 100.7 83.0 124.4
160 46.1 38.0 57.0

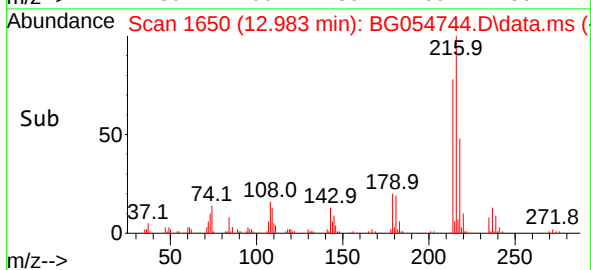
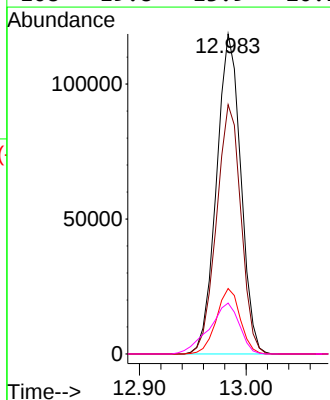
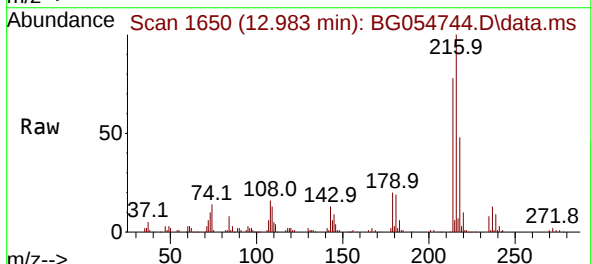
Manual Integrations
APPROVED

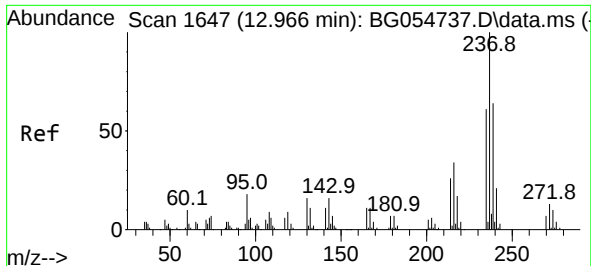
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.781 ng
RT: 12.983 min Scan# 1650
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

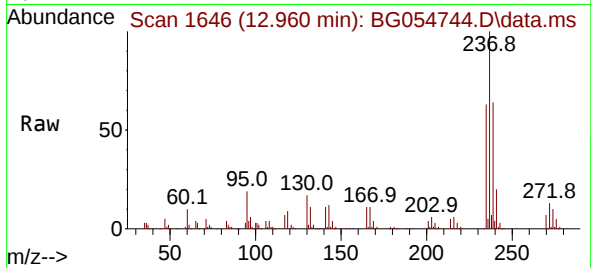
Tgt Ion:216 Resp: 187392
Ion Ratio Lower Upper
216 100
214 78.5 63.2 94.8
179 20.0 16.5 24.7
108 19.8 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 114.442 ng
RT: 12.960 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

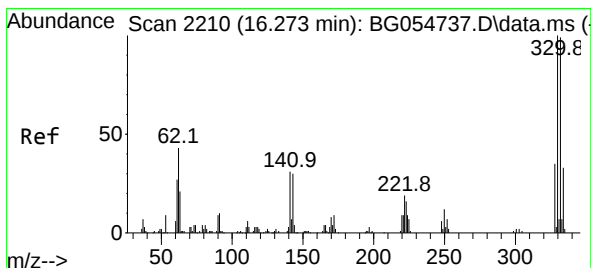
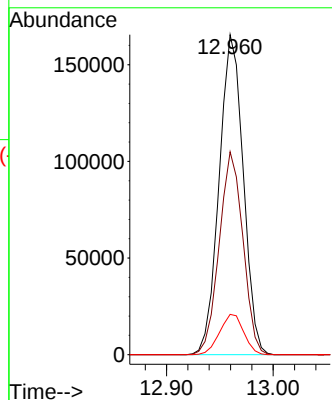
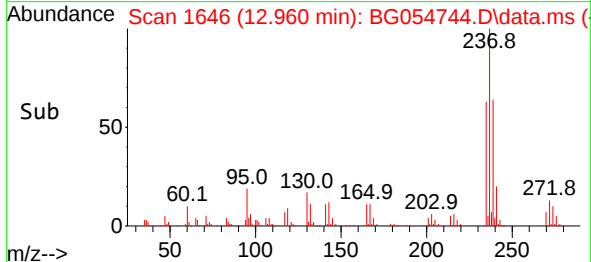
Instrument :
BNA_G
ClientSampleId :
PB147245BS



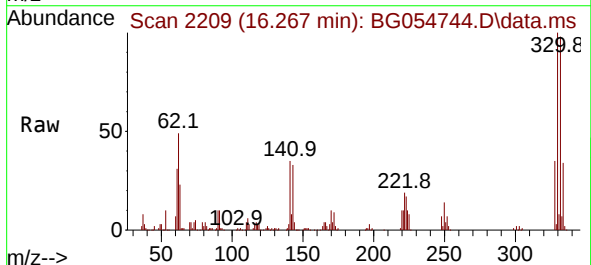
Tgt Ion:237 Resp: 259770
Ion Ratio Lower Upper
237 100
235 63.4 42.2 82.2
272 12.6 0.0 34.0

Manual Integrations
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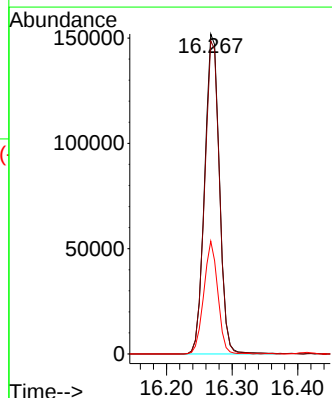
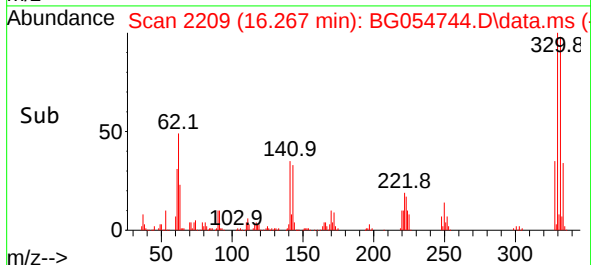
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#42
2,4,6-Tribromophenol
Concen: 134.154 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31



Tgt Ion:330 Resp: 238025
Ion Ratio Lower Upper
330 100
332 98.1 79.8 119.6
141 33.4 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 45.449 ng
RT: 13.218 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

ClientSampleId :

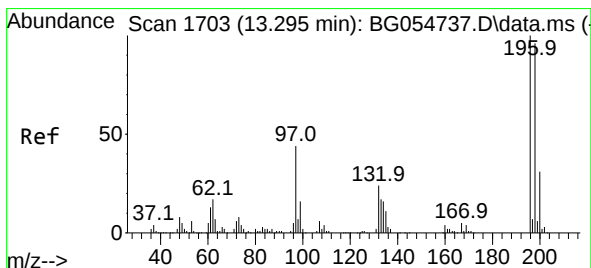
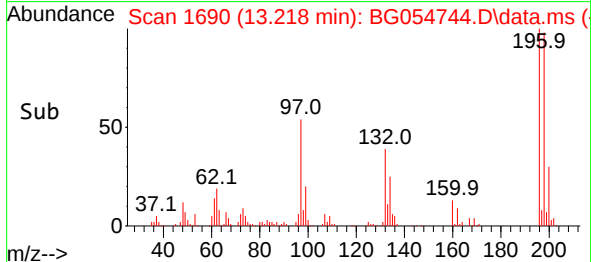
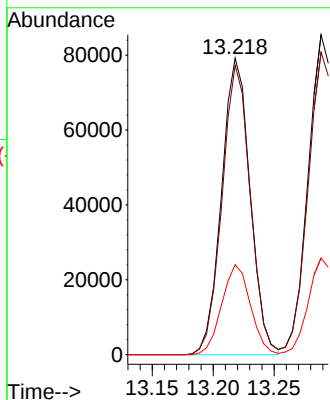
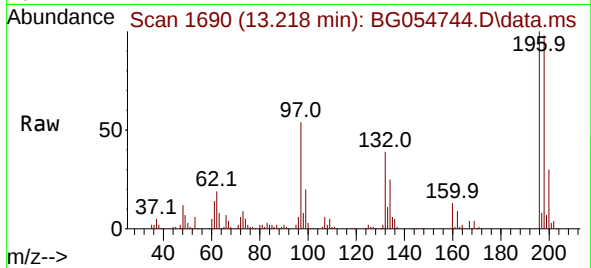
PB147245BS

Tgt Ion:196 Resp: 12912
Ion Ratio Lower Upper
196 100
198 97.6 77.1 115.7
200 30.4 24.2 36.4

Manual Integrations

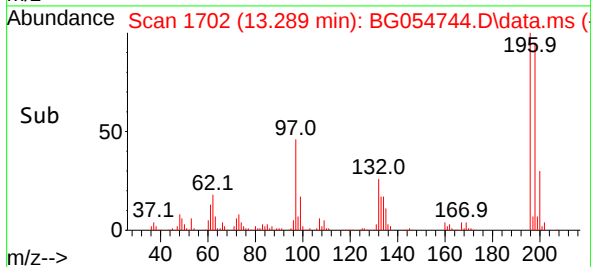
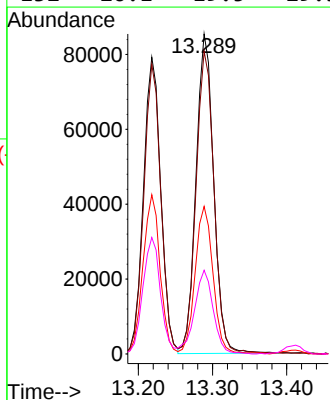
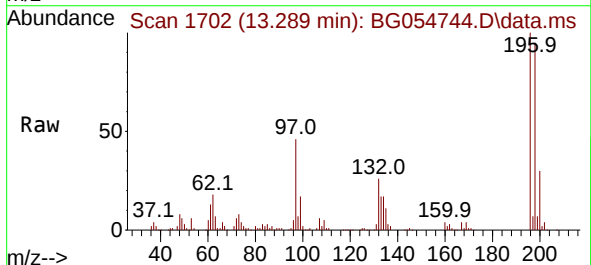
APPROVED

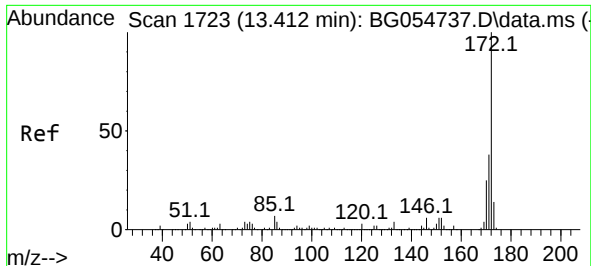
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#44
2,4,5-Trichlorophenol
Concen: 44.363 ng
RT: 13.289 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

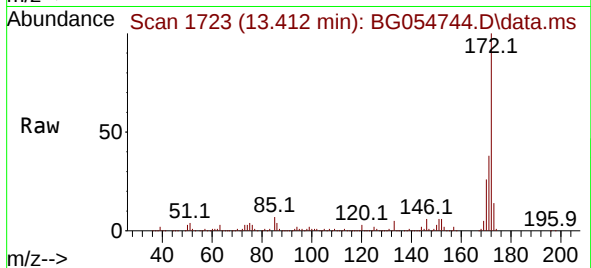
Tgt Ion:196 Resp: 141542
Ion Ratio Lower Upper
196 100
198 94.6 76.7 115.1
97 46.1 36.6 55.0
132 26.1 19.5 29.3





#45
2-Fluorobiphenyl
Concen: 83.250 ng
RT: 13.412 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

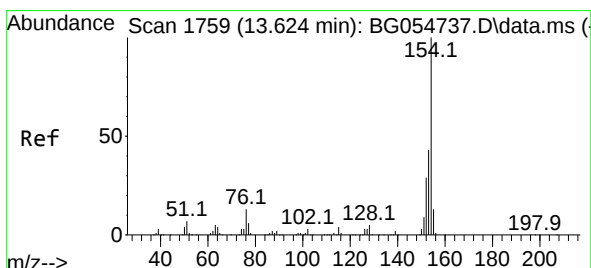
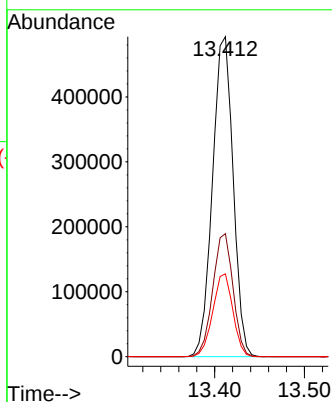
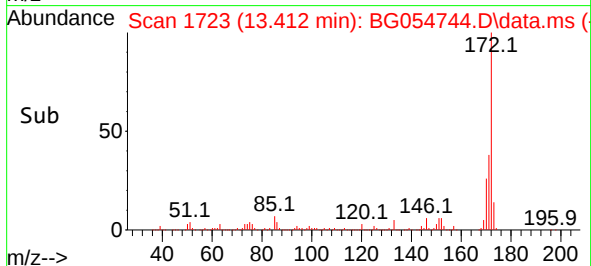
Instrument :
BNA_G
ClientSampleId :
PB147245BS



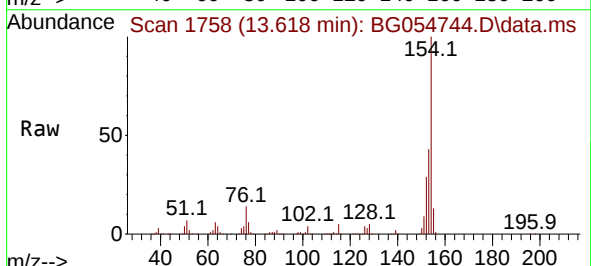
Tgt Ion:172 Resp: 78647
Ion Ratio Lower Upper
172 100
171 38.4 31.2 46.8
170 25.9 20.6 30.8

Manual Integrations
APPROVED

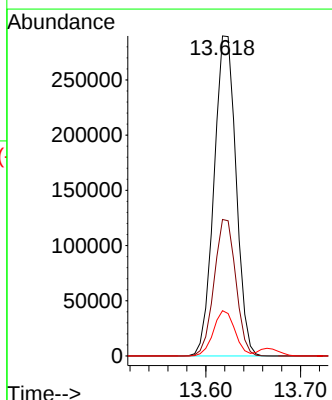
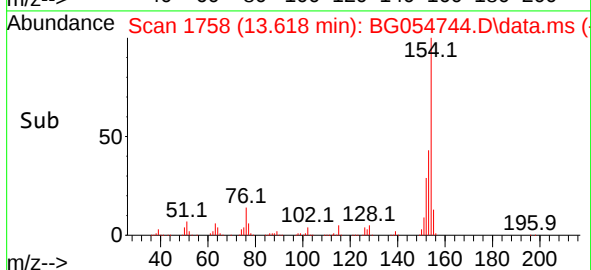
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

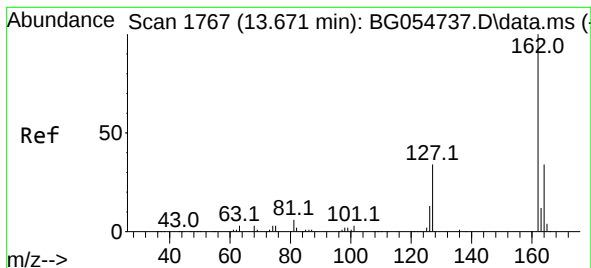


#46
1,1'-Biphenyl
Concen: 44.431 ng
RT: 13.618 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31



Tgt Ion:154 Resp: 468497
Ion Ratio Lower Upper
154 100
153 42.7 22.2 62.2
76 14.1 0.0 34.0





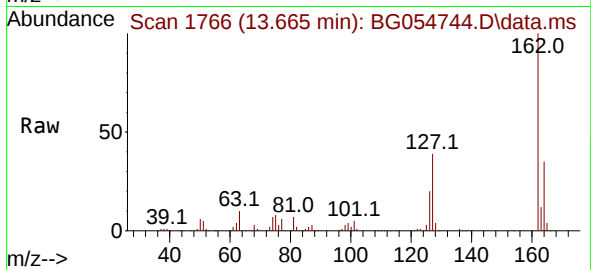
#47
2-Chloronaphthalene
Concen: 43.058 ng
RT: 13.665 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

ClientSampleId :

PB147245BS

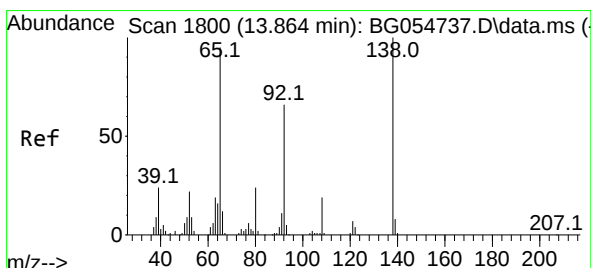
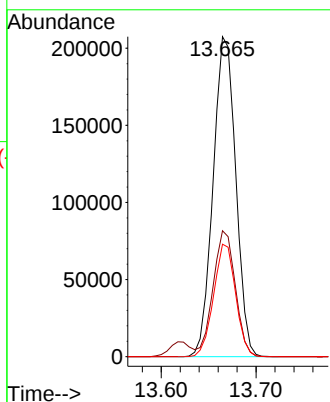
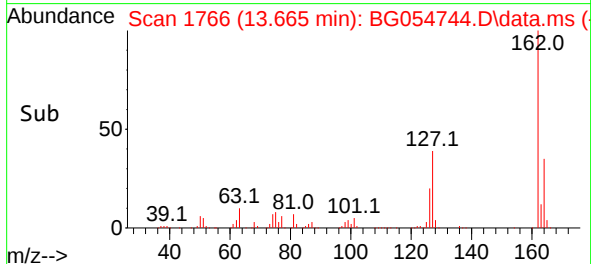


Tgt Ion:162 Resp: 344810
Ion Ratio Lower Upper
162 100
127 39.3 31.5 47.3
164 35.1 27.8 41.6

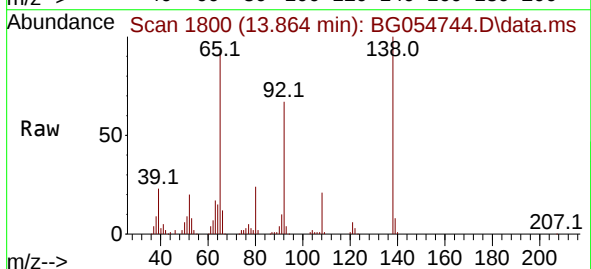
Manual Integrations

APPROVED

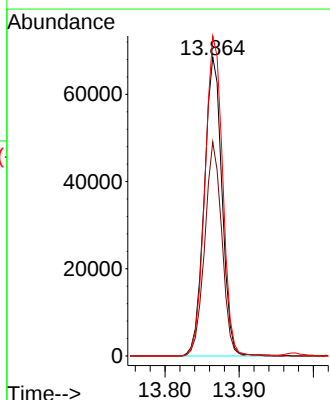
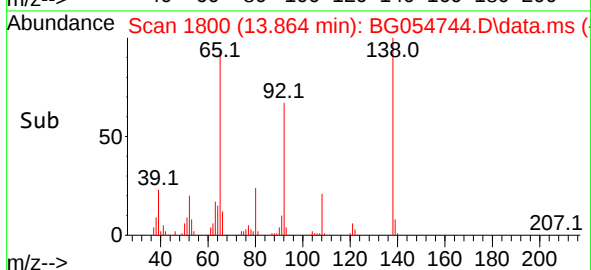
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

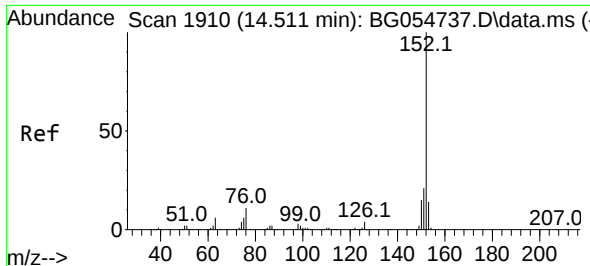


#48
2-Nitroaniline
Concen: 45.257 ng
RT: 13.864 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31



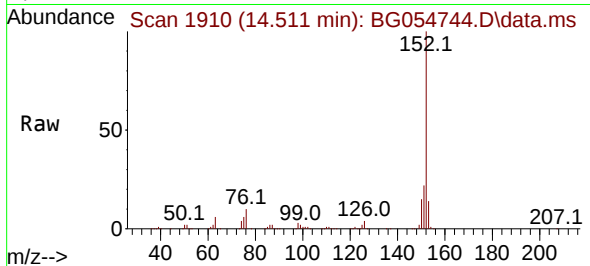
Tgt Ion: 65 Resp: 113580
Ion Ratio Lower Upper
65 100
92 71.6 54.7 82.1
138 107.1 84.1 126.1





#49
Acenaphthylene
Concen: 43.500 ng
RT: 14.511 min Scan# 1910
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

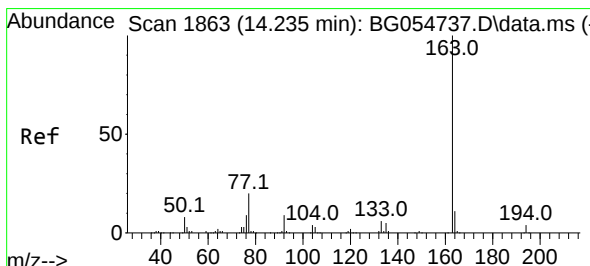
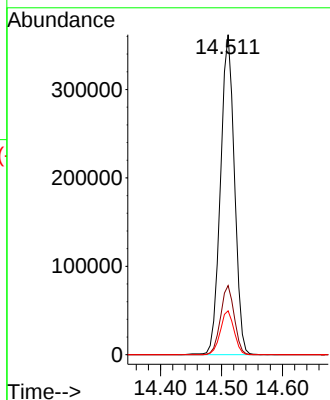
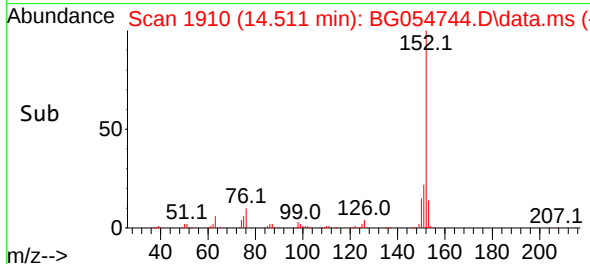
Instrument :
BNA_G
ClientSampleId :
PB147245BS



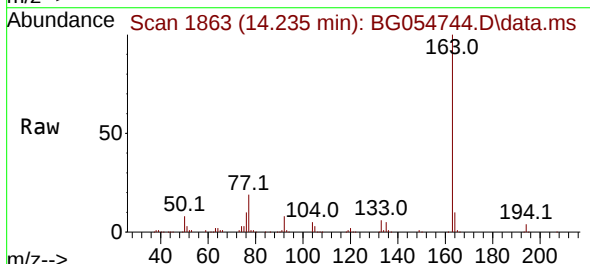
Tgt Ion:152 Resp: 57483
Ion Ratio Lower Upper
152 100
151 21.6 17.3 25.9
153 13.7 10.8 16.2

Manual Integrations
APPROVED

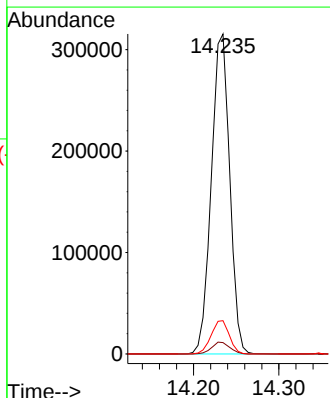
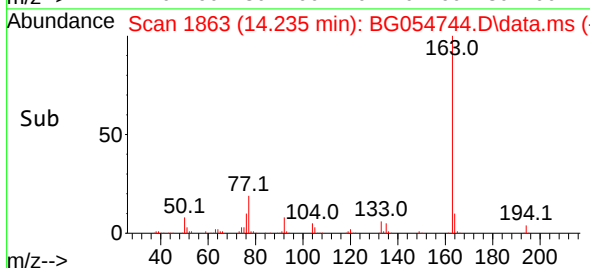
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

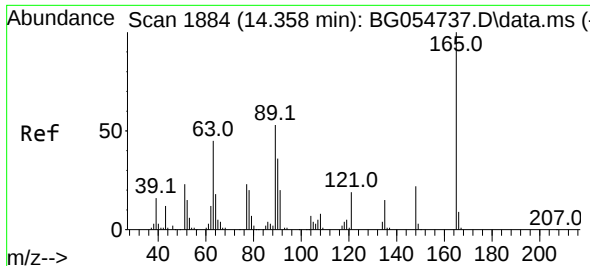


#50
Dimethylphthalate
Concen: 43.155 ng
RT: 14.235 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31



Tgt Ion:163 Resp: 472081
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.4 8.0 12.0





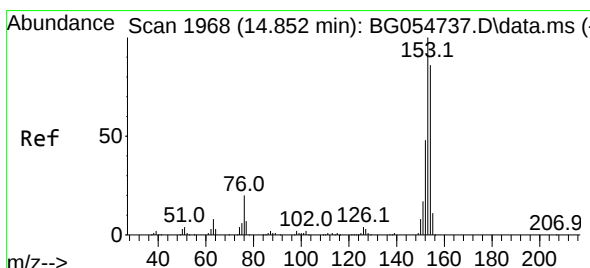
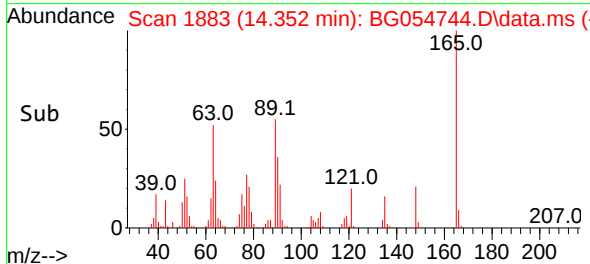
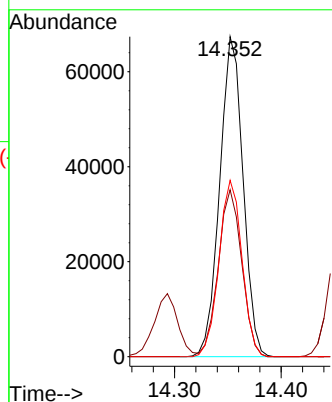
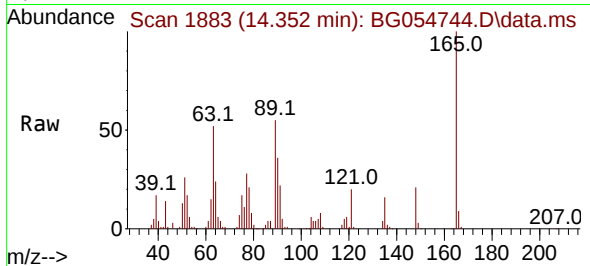
#51
2,6-Dinitrotoluene
Concen: 45.742 ng
RT: 14.352 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Instrument :
BNA_G
ClientSampleId :
PB147245BS

Tgt Ion:165 Resp: 10234
Ion Ratio Lower Upper
165 100
63 52.1 46.0 69.0
89 55.1 50.3 75.5

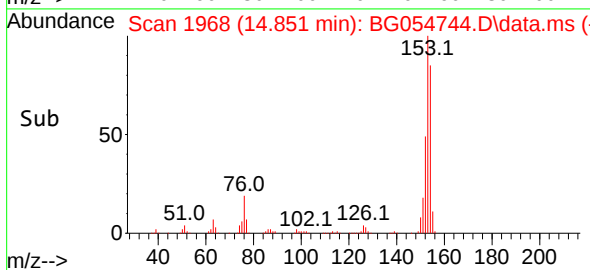
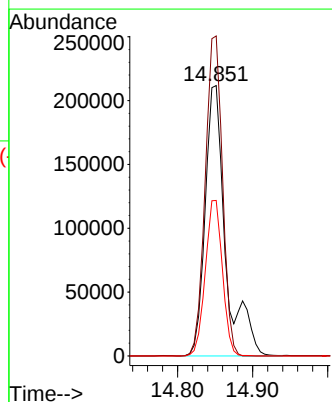
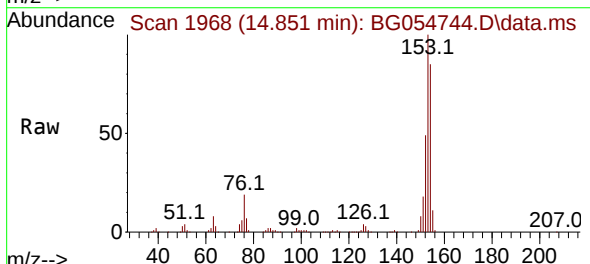
Manual Integrations
APPROVED

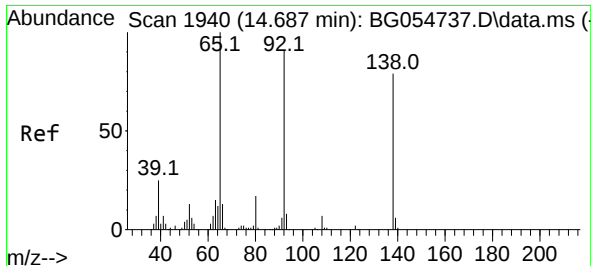
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#52
Acenaphthene
Concen: 47.383 ng m
RT: 14.851 min Scan# 1968
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

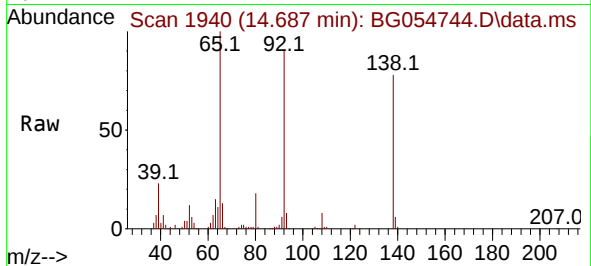
Tgt Ion:154 Resp: 402207
Ion Ratio Lower Upper
154 100
153 118.3 92.8 139.2
152 57.5 45.4 68.2





#53
3-Nitroaniline
Concen: 38.778 ng
RT: 14.687 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

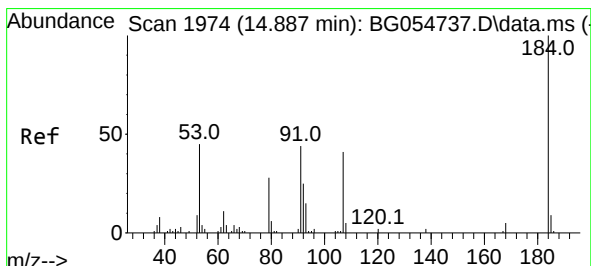
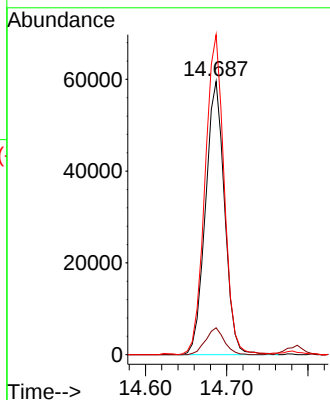
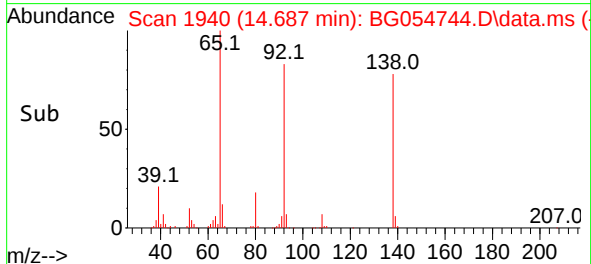
Instrument :
BNA_G
ClientSampleId :
PB147245BS



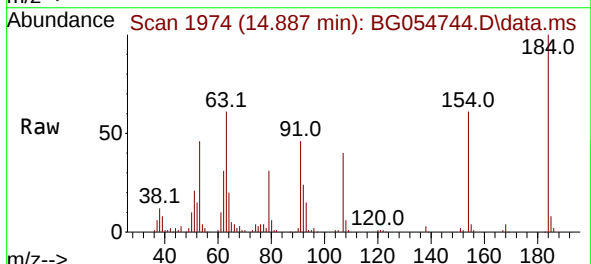
Tgt Ion:138 Resp: 97128
Ion Ratio Lower Upper
138 100
108 9.8 7.6 11.4
92 117.1 96.0 144.0

Manual Integrations
APPROVED

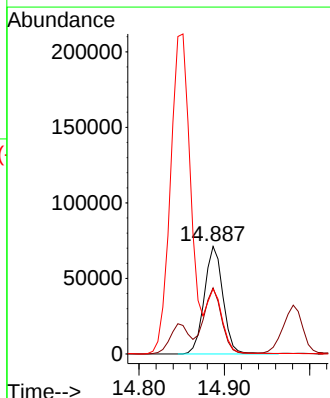
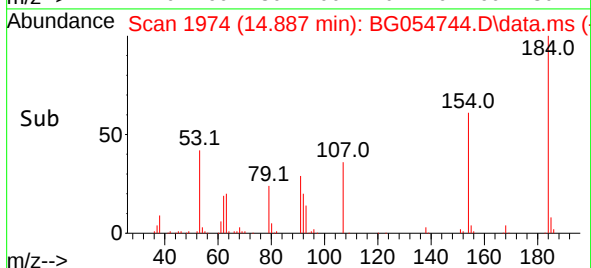
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

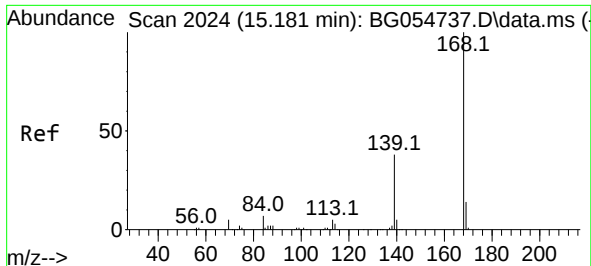


#54
2,4-Dinitrophenol
Concen: 85.310 ng
RT: 14.887 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31



Tgt Ion:184 Resp: 108337
Ion Ratio Lower Upper
184 100
63 61.5 41.8 62.8
154 60.6 45.2 67.8





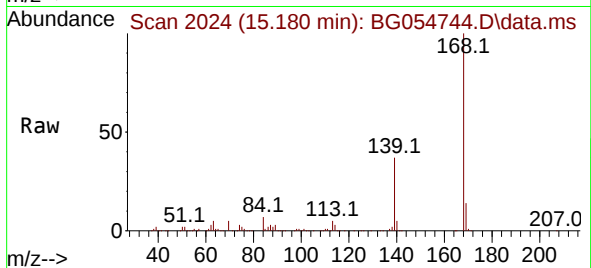
#55
Dibenzofuran
Concen: 43.252 ng
RT: 15.180 min Scan# 20
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

ClientSampleId :

PB147245BS

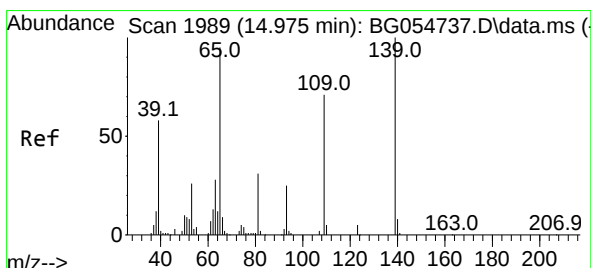
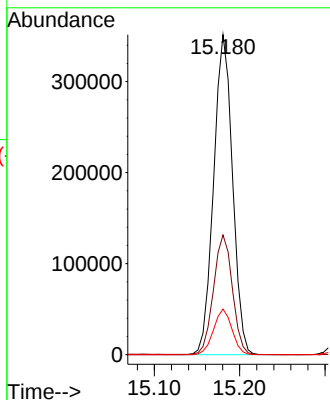
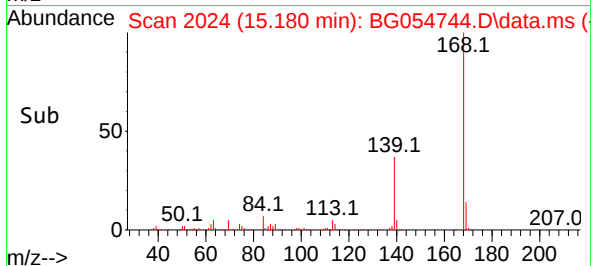


Tgt Ion:168 Resp: 53948
Ion Ratio Lower Upper
168 100
139 37.4 30.2 45.2
169 14.2 11.3 16.9

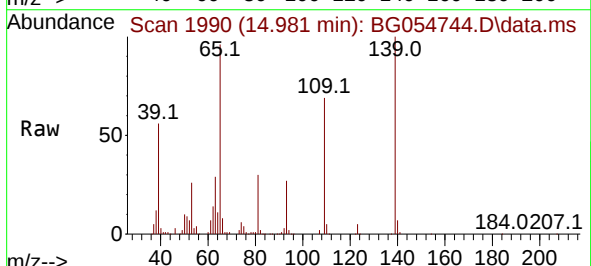
Manual Integrations

APPROVED

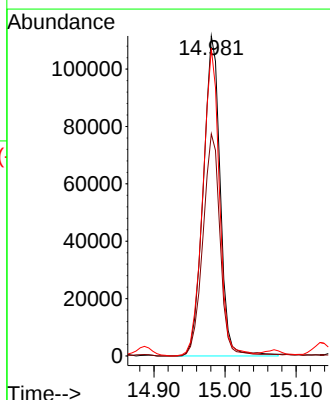
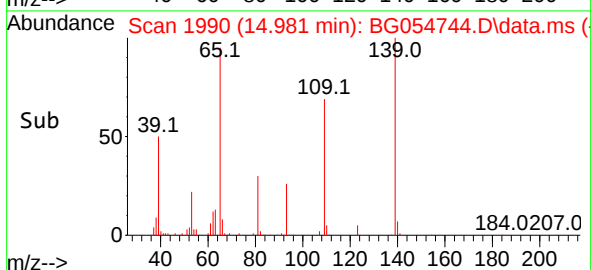
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

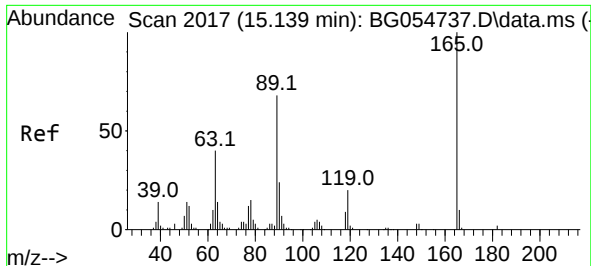


#56
4-Nitrophenol
Concen: 95.371 ng
RT: 14.981 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31



Tgt Ion:139 Resp: 184860
Ion Ratio Lower Upper
139 100
109 69.4 50.5 90.5
65 96.1 79.9 119.9





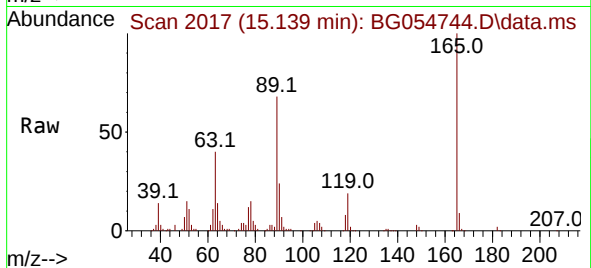
#57
2,4-Dinitrotoluene
Concen: 46.112 ng
RT: 15.139 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

ClientSampleId :

PB147245BS

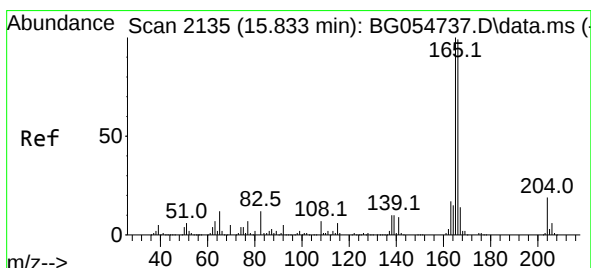
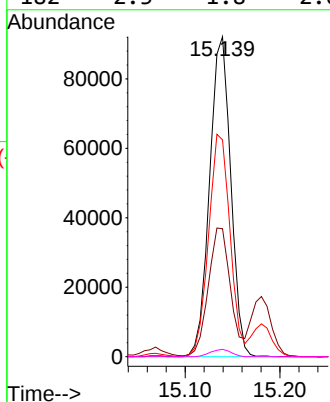
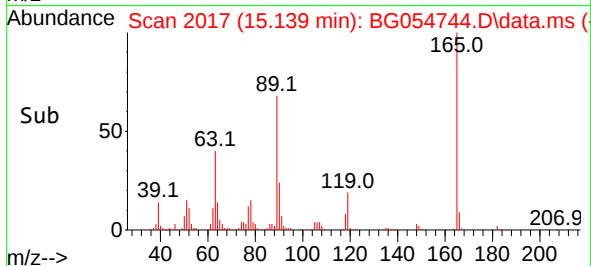


Tgt Ion:165 Resp: 142710
Ion Ratio Lower Upper
165 100
63 40.0 36.8 55.2
89 67.8 64.3 96.5
182 2.3 1.8 2.6

Manual Integrations

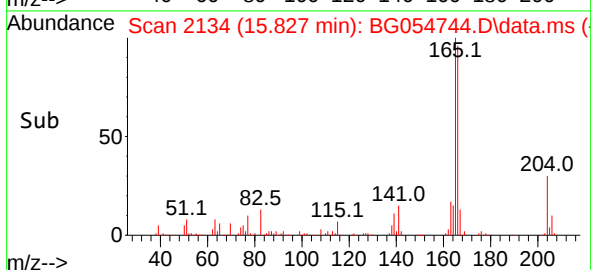
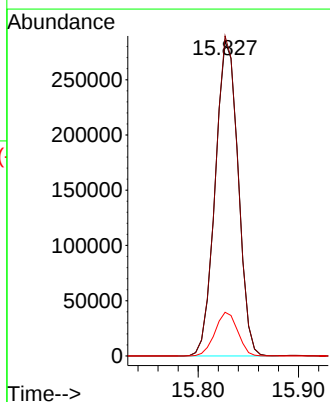
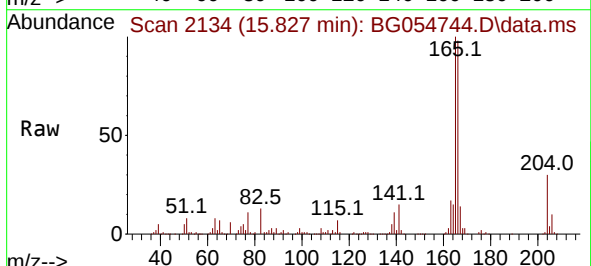
APPROVED

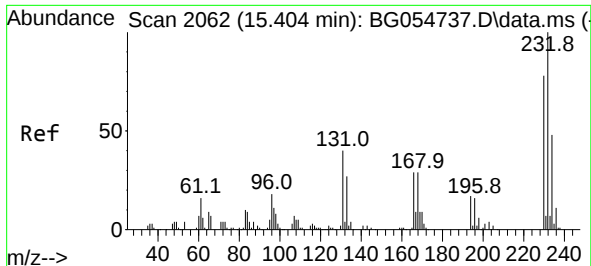
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#58
Fluorene
Concen: 42.991 ng
RT: 15.827 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Tgt Ion:166 Resp: 451741
Ion Ratio Lower Upper
166 100
165 101.6 80.8 121.2
167 13.9 11.4 17.0





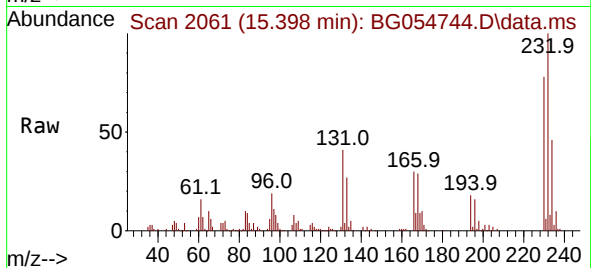
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.912 ng
RT: 15.398 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

ClientSampleId :

PB147245BS

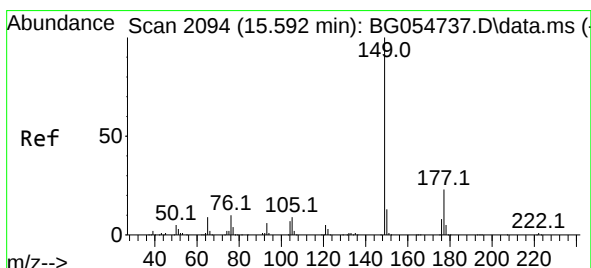
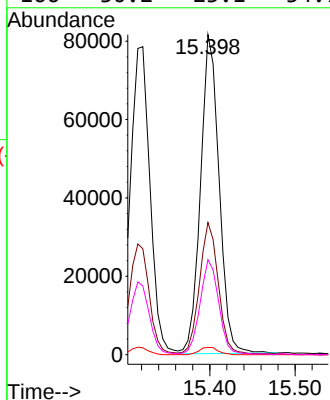
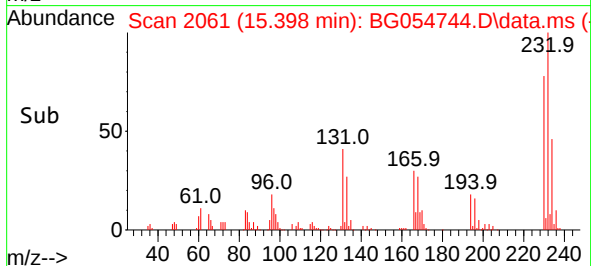


Tgt Ion:232 Resp: 123420
Ion Ratio Lower Upper
232 100
131 42.6 31.3 46.9
130 2.3 1.8 2.6
166 30.2 23.1 34.7

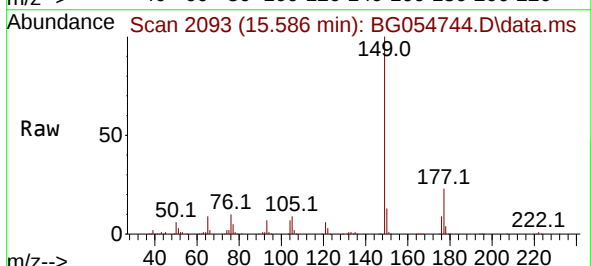
Manual Integrations

APPROVED

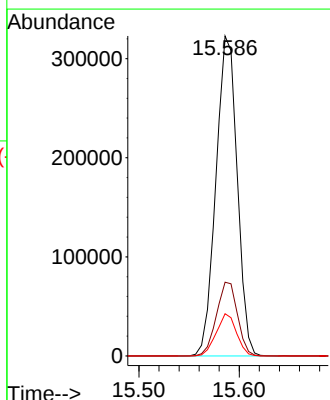
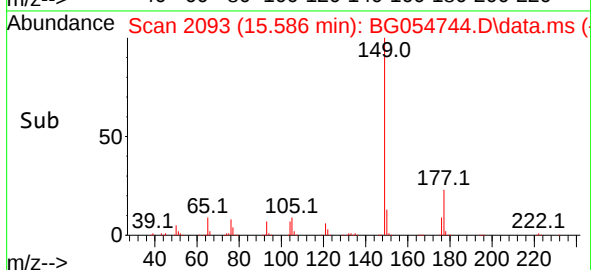
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

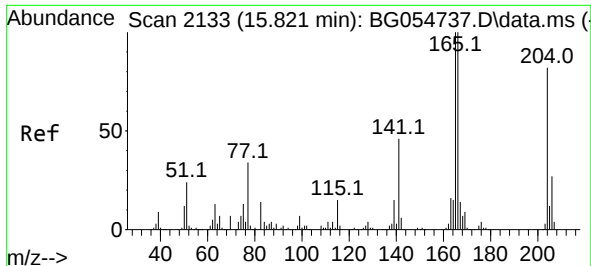


#60
Diethylphthalate
Concen: 43.467 ng
RT: 15.586 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31



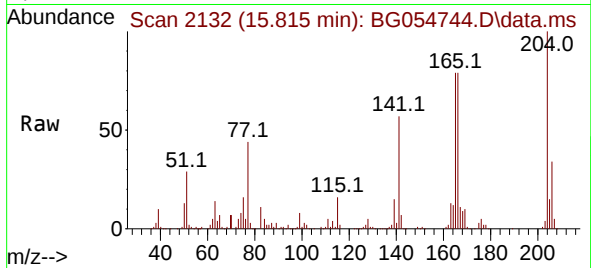
Tgt Ion:149 Resp: 474810
Ion Ratio Lower Upper
149 100
177 23.0 17.8 26.6
150 13.2 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.546 ng
RT: 15.815 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

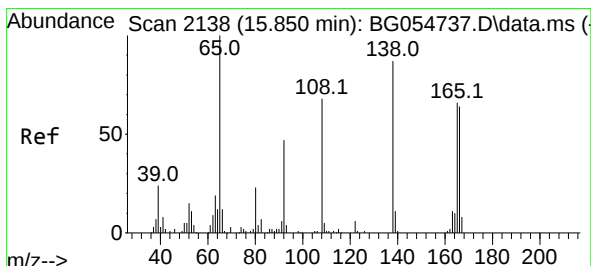
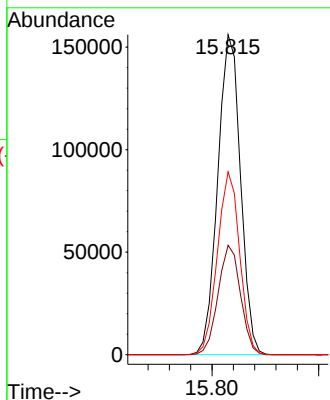
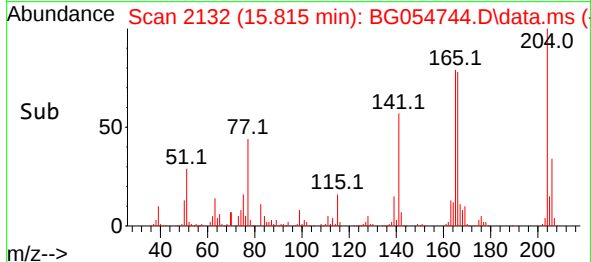
Instrument :
BNA_G
ClientSampleId :
PB147245BS



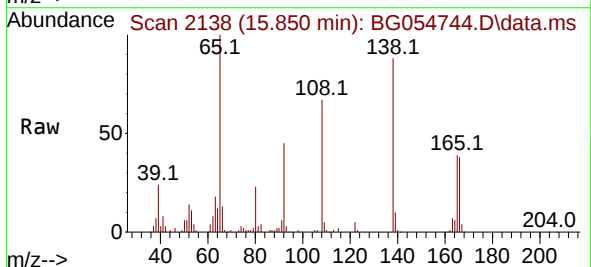
Tgt Ion:204 Resp: 23090
Ion Ratio Lower Upper
204 100
206 34.2 26.6 39.8
141 57.1 44.9 67.3

Manual Integrations
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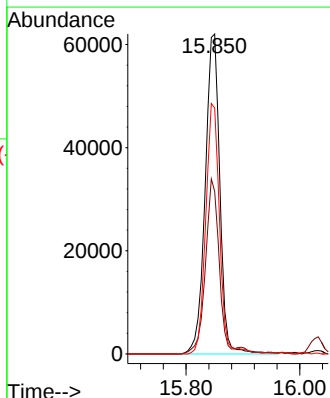
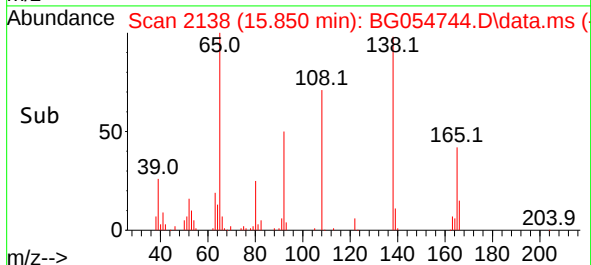
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

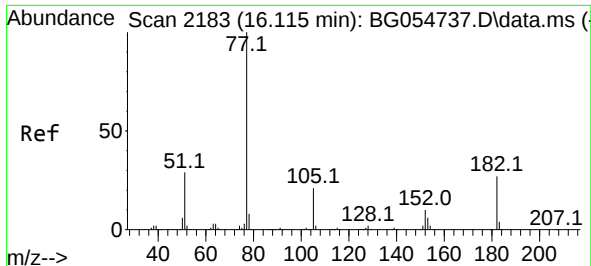


#62
4-Nitroaniline
Concen: 43.359 ng
RT: 15.850 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31



Tgt Ion:138 Resp: 110880
Ion Ratio Lower Upper
138 100
92 50.8 34.7 74.7
108 76.9 56.2 96.2





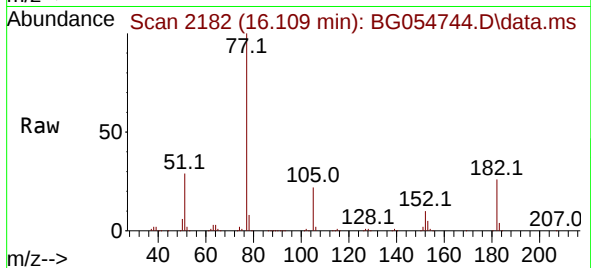
#63
Azobenzene
Concen: 42.770 ng
RT: 16.109 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

ClientSampleId :

PB147245BS

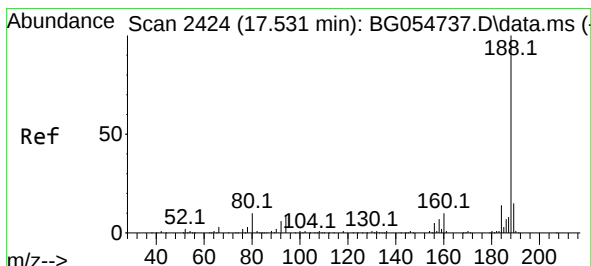
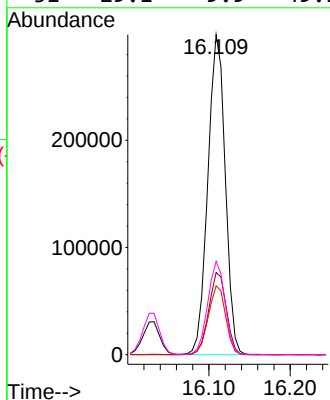
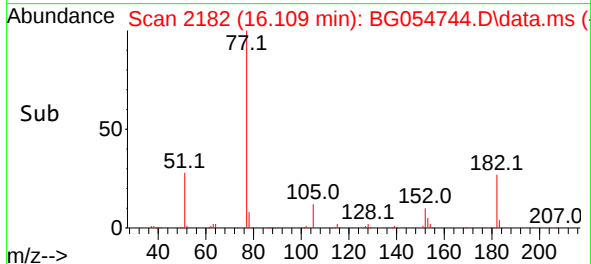


Tgt Ion: 77 Resp: 444008
Ion Ratio Lower Upper
77 100
182 25.7 5.1 45.1
105 21.5 0.7 40.7
51 29.1 9.9 49.9

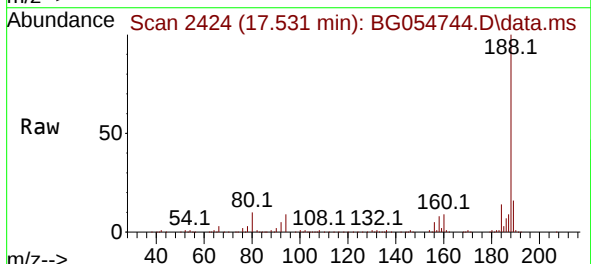
Manual Integrations

APPROVED

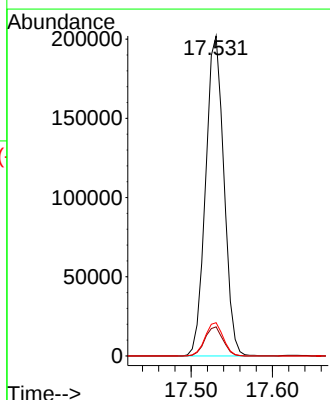
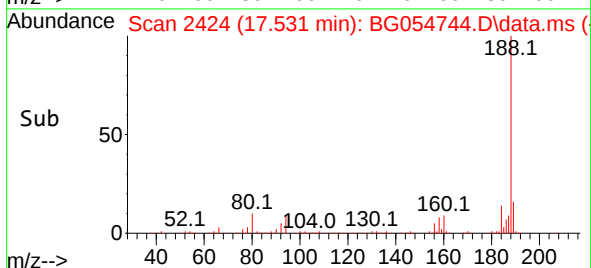
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

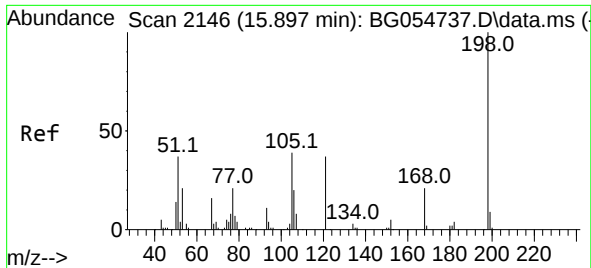


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.531 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31



Tgt Ion:188 Resp: 314720
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 10.4 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 46.451 ng
RT: 15.897 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

ClientSampleId :

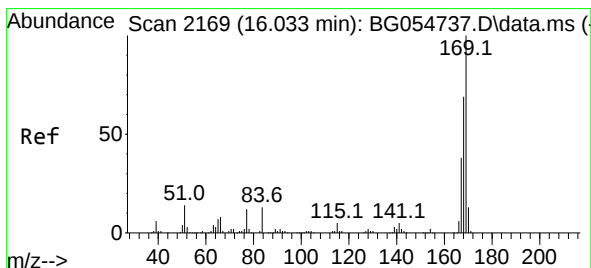
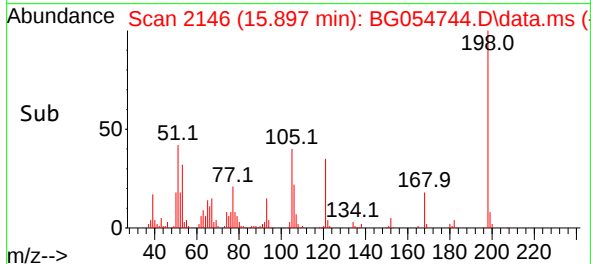
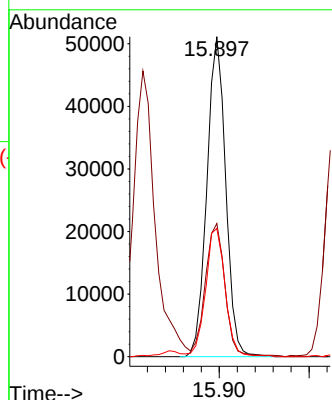
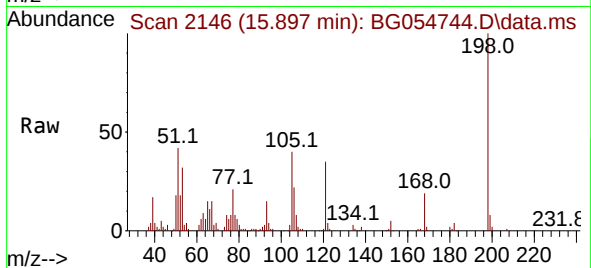
PB147245BS

Tgt Ion:198 Resp: 74414
Ion Ratio Lower Upper
198 100
51 41.6 19.9 59.9
105 40.1 20.3 60.3

Manual Integrations

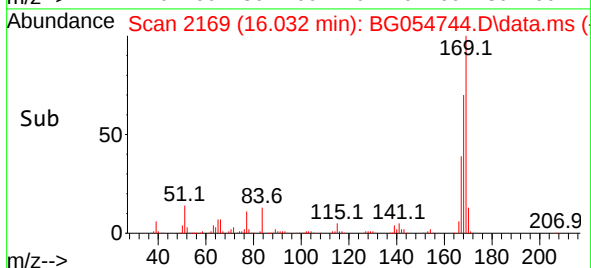
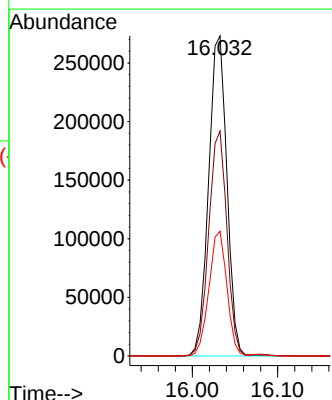
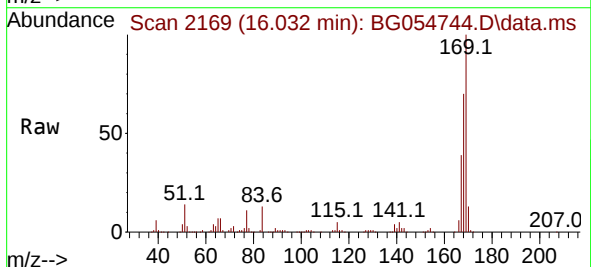
APPROVED

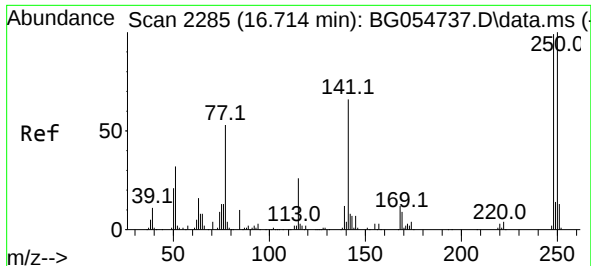
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#66
n-Nitrosodiphenylamine
Concen: 44.748 ng
RT: 16.032 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Tgt Ion:169 Resp: 406128
Ion Ratio Lower Upper
169 100
168 70.3 55.6 83.4
167 38.9 30.9 46.3





#67
4-Bromophenyl-phenylether
Concen: 45.568 ng
RT: 16.714 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

ClientSampleId :

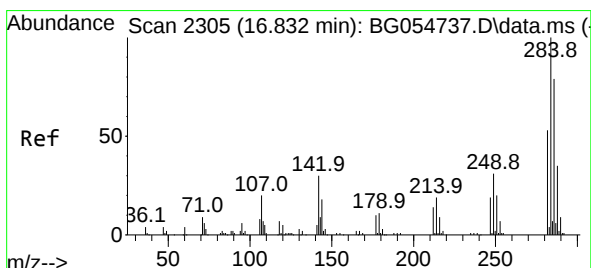
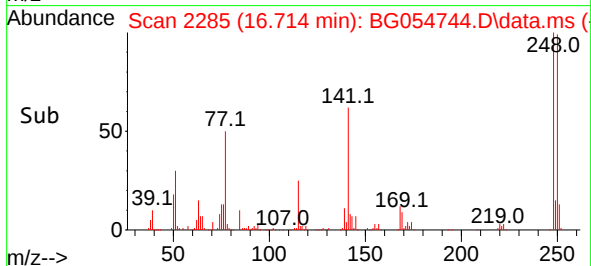
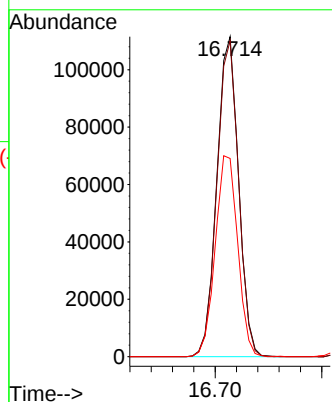
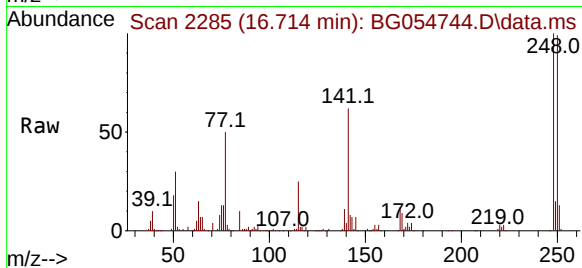
PB147245BS

Tgt Ion:248 Resp: 157454
Ion Ratio Lower Upper
248 100
250 98.7 78.8 118.2
141 62.0 51.9 77.9

Manual Integrations

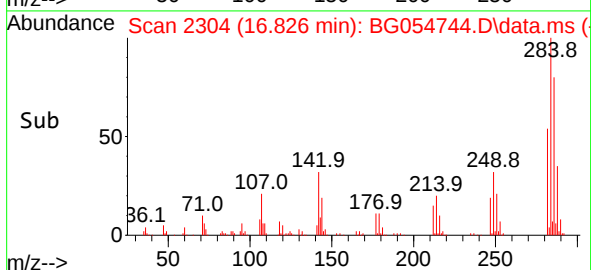
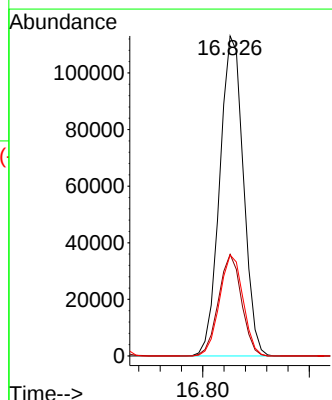
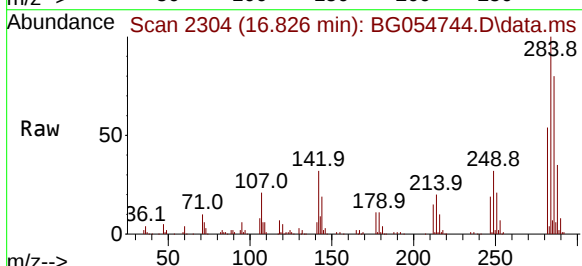
APPROVED

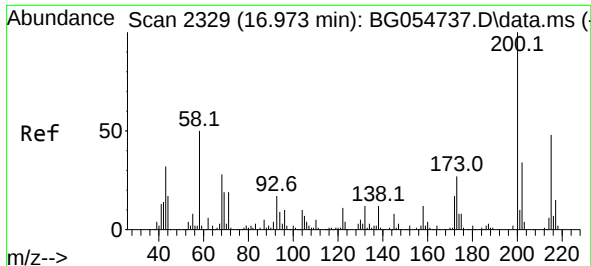
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#68
Hexachlorobenzene
Concen: 44.787 ng
RT: 16.826 min Scan# 2304
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Tgt Ion:284 Resp: 173972
Ion Ratio Lower Upper
284 100
142 31.8 25.0 37.6
249 31.6 24.5 36.7





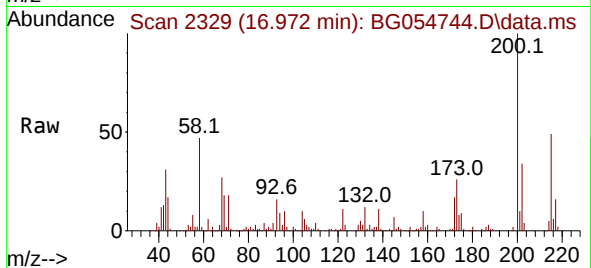
#69
 Atrazine
 Concen: 46.943 ng
 RT: 16.972 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG054744.D
 Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

ClientSampleId :

PB147245BS

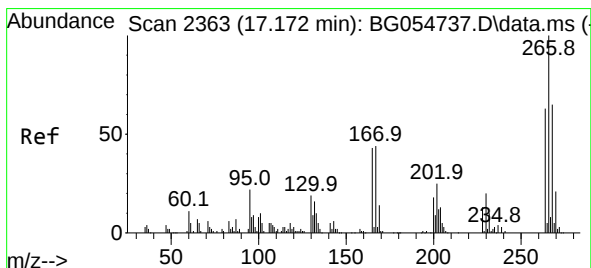
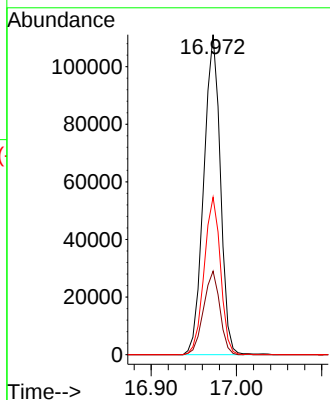
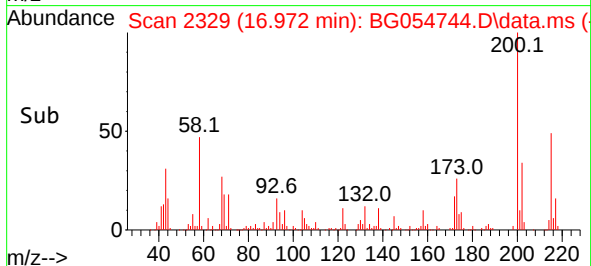


Tgt Ion:200 Resp: 150308
 Ion Ratio Lower Upper
 200 100
 173 26.1 5.6 45.6
 215 49.2 28.2 68.2

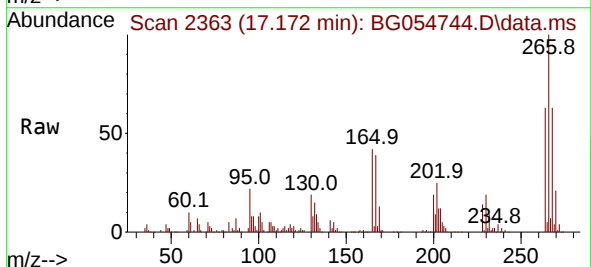
Manual Integrations

APPROVED

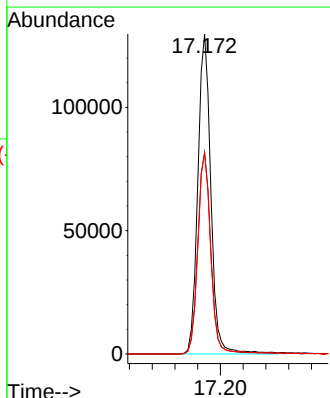
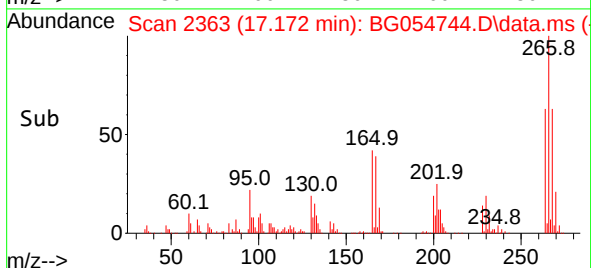
Reviewed By :Christian Giraldo 08/26/2022
 Supervised By :Jagrut Upadhyay 08/26/2022

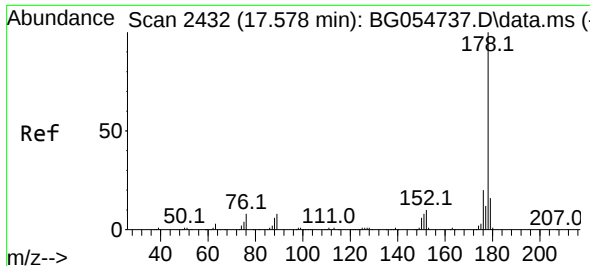


#70
 Pentachlorophenol
 Concen: 97.857 ng
 RT: 17.172 min Scan# 2363
 Delta R.T. -0.000 min
 Lab File: BG054744.D
 Acq: 25 Aug 2022 20:31



Tgt Ion:266 Resp: 206531
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.2 76.8
 264 62.9 49.4 74.0





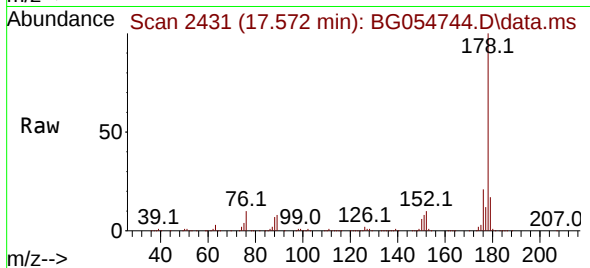
#71
Phenanthrene
Concen: 43.354 ng
RT: 17.572 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

ClientSampleId :

PB147245BS

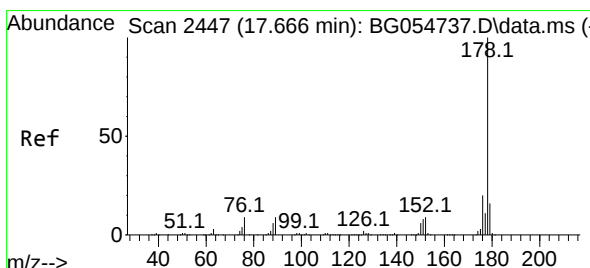
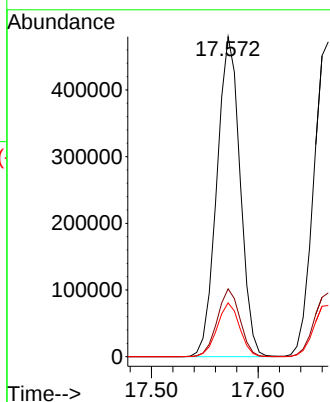
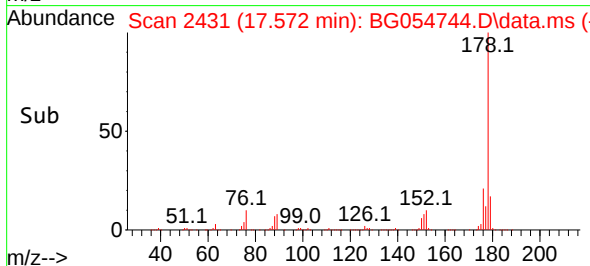


Tgt Ion:178 Resp: 72685
Ion Ratio Lower Upper
178 100
176 21.2 16.6 25.0
179 16.8 12.8 19.2

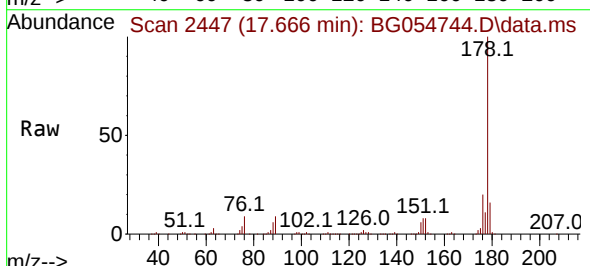
Manual Integrations

APPROVED

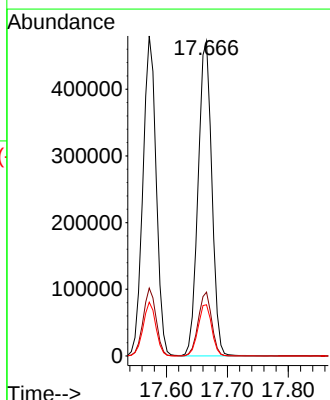
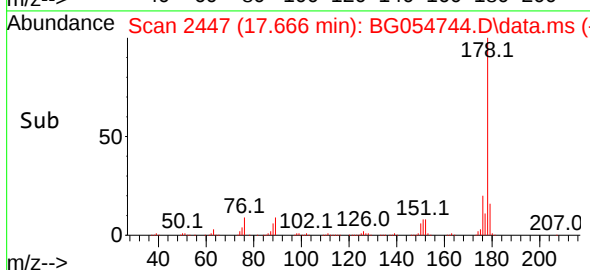
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

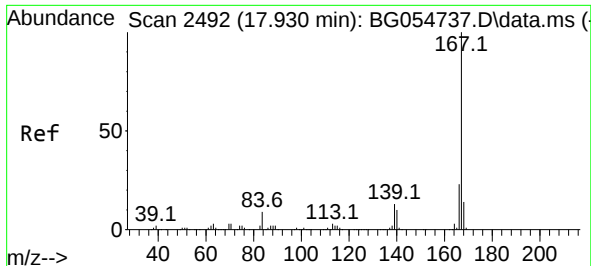


#72
Anthracene
Concen: 45.244 ng
RT: 17.666 min Scan# 2447
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31



Tgt Ion:178 Resp: 737470
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 16.2 12.9 19.3





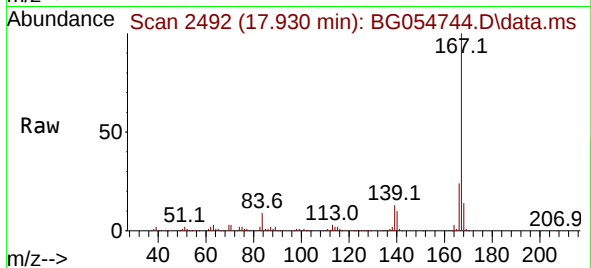
#73
 Carbazole
 Concen: 46.044 ng
 RT: 17.930 min Scan# 2492
 Delta R.T. -0.000 min
 Lab File: BG054744.D
 Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

ClientSampleId :

PB147245BS

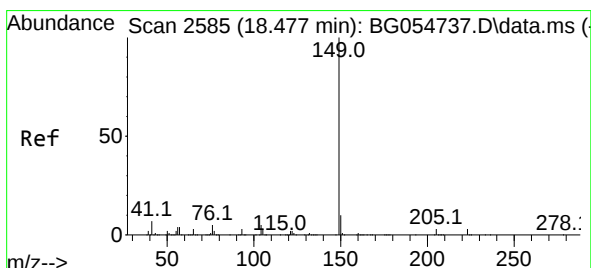
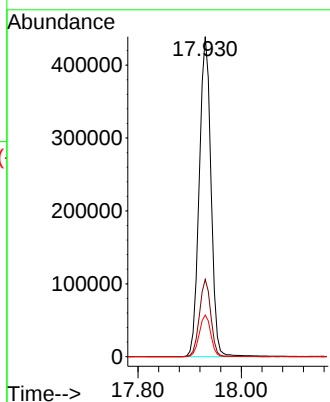
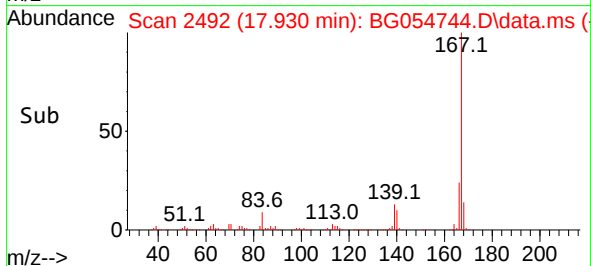


Tgt Ion:167 Resp: 691477
 Ion Ratio Lower Upper
 167 100
 166 24.2 18.8 28.2
 139 13.0 10.2 15.4

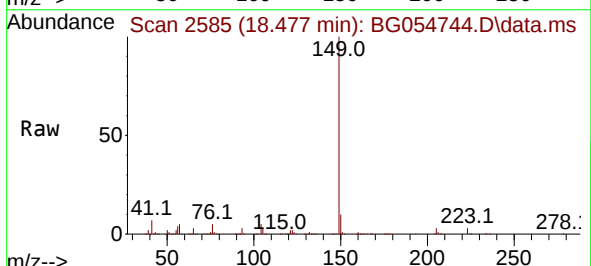
Manual Integrations

APPROVED

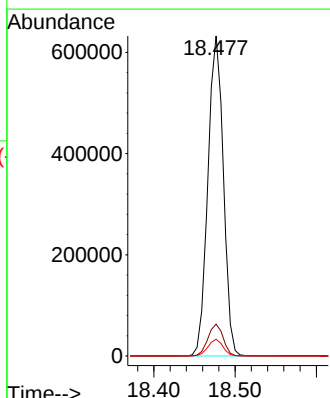
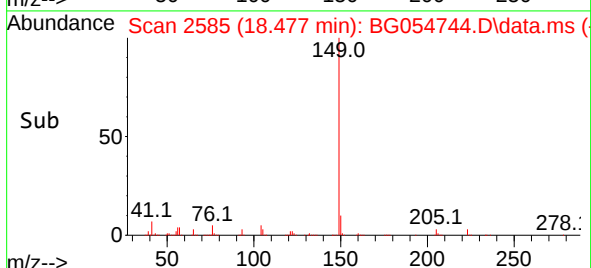
Reviewed By :Christian Giraldo 08/26/2022
 Supervised By :Jagrut Upadhyay 08/26/2022

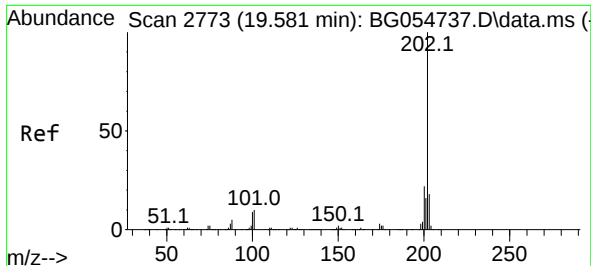


#74
 Di-n-butylphthalate
 Concen: 43.913 ng
 RT: 18.477 min Scan# 2585
 Delta R.T. -0.000 min
 Lab File: BG054744.D
 Acq: 25 Aug 2022 20:31



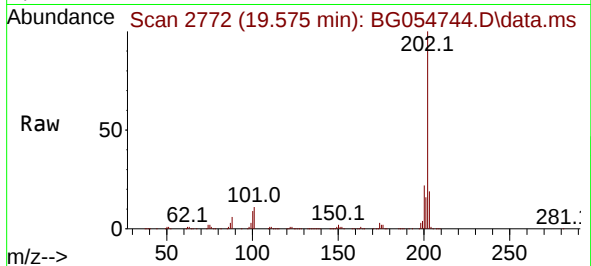
Tgt Ion:149 Resp: 834498
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.0 12.0
 104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 43.904 ng
RT: 19.575 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

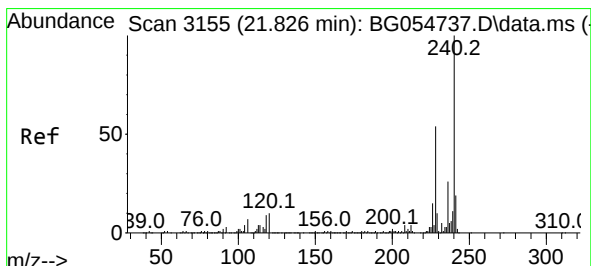
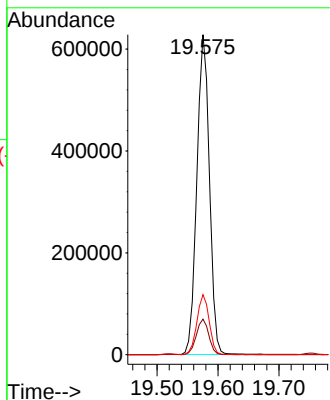
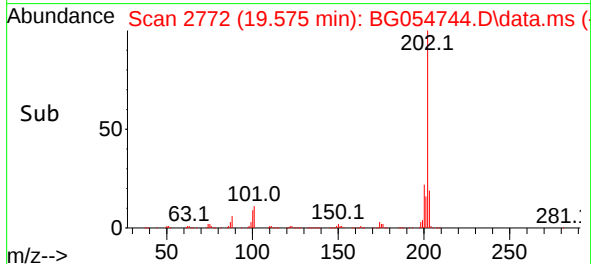
Instrument :
BNA_G
ClientSampleId :
PB147245BS



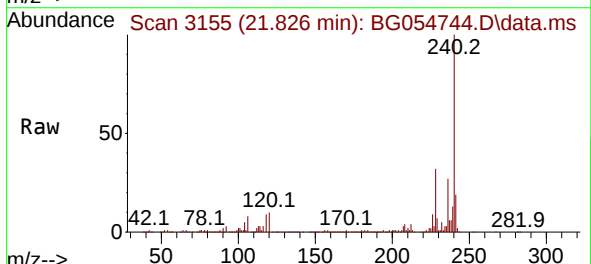
Tgt Ion:202 Resp: 895424
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 18.7 0.0 38.6

Manual Integrations
APPROVED

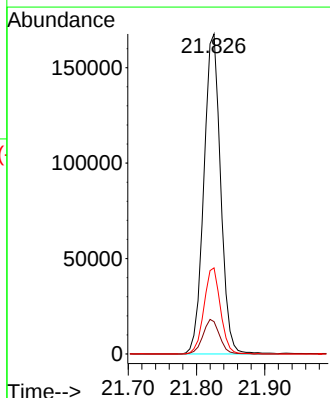
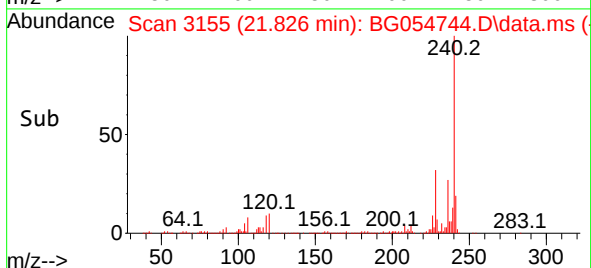
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

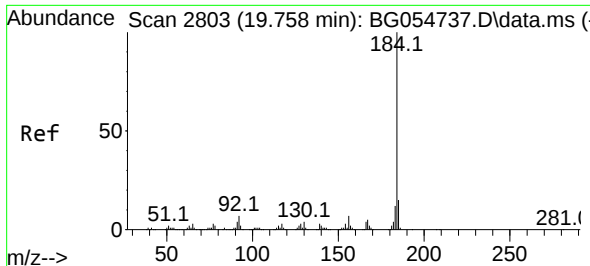


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.826 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31



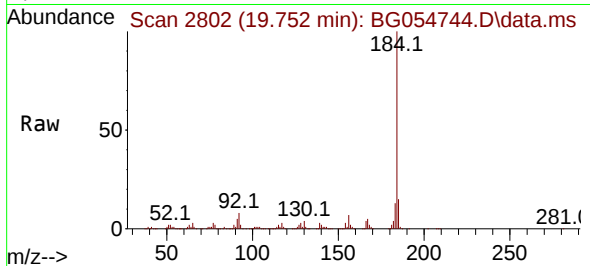
Tgt Ion:240 Resp: 286561
Ion Ratio Lower Upper
240 100
120 10.1 8.2 12.4
236 26.9 21.2 31.8





#77
Benzidine
Concen: 90.212 ng
RT: 19.752 min Scan# 2802
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

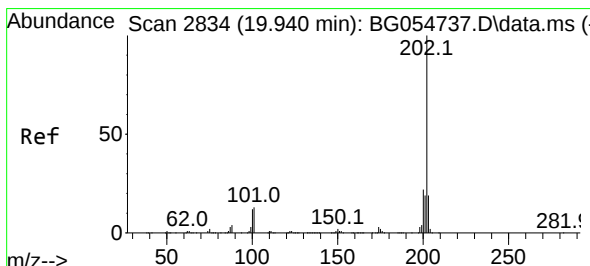
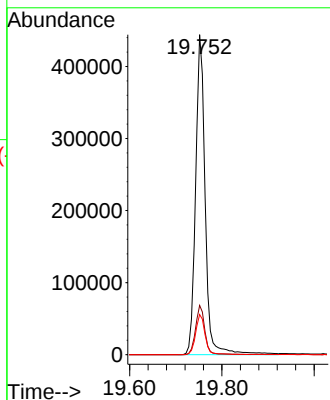
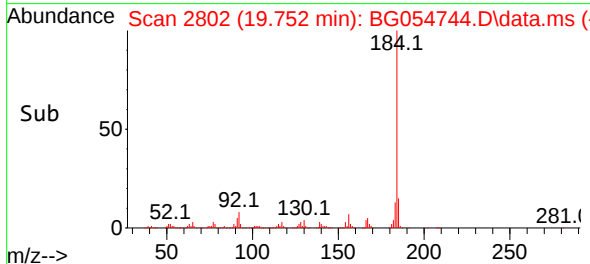
Instrument :
BNA_G
ClientSampleId :
PB147245BS



Tgt Ion:184 Resp: 640309
Ion Ratio Lower Upper
184 100
185 15.4 11.4 17.0
183 12.6 9.8 14.8

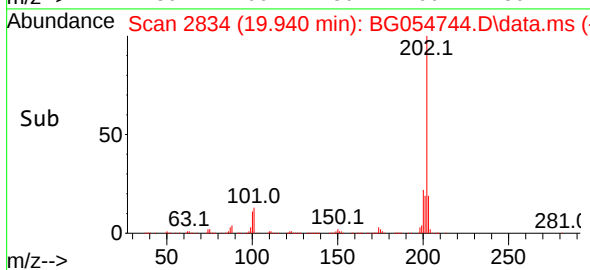
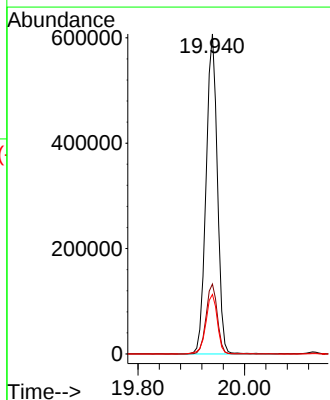
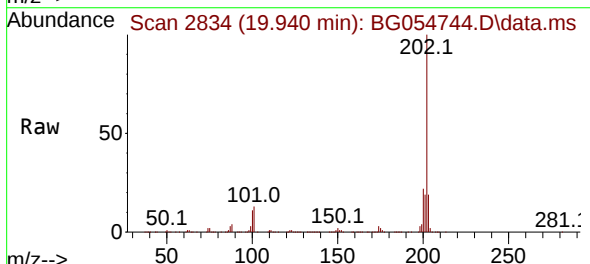
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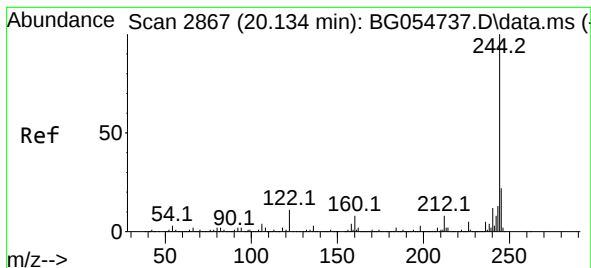
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#78
Pyrene
Concen: 44.633 ng
RT: 19.940 min Scan# 2834
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Tgt Ion:202 Resp: 891849
Ion Ratio Lower Upper
202 100
200 21.9 17.8 26.6
203 18.6 14.6 21.8





#79

Terphenyl-d14

Concen: 90.605 ng

RT: 20.128 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG054744.D

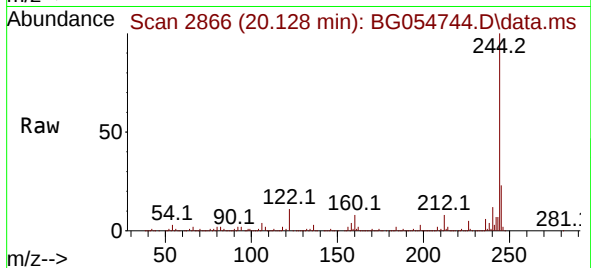
Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

ClientSampleId :

PB147245BS



Tgt Ion:244 Resp: 131038

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

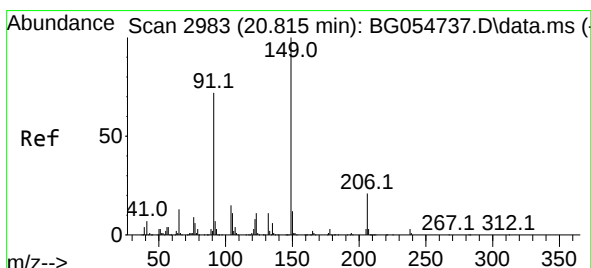
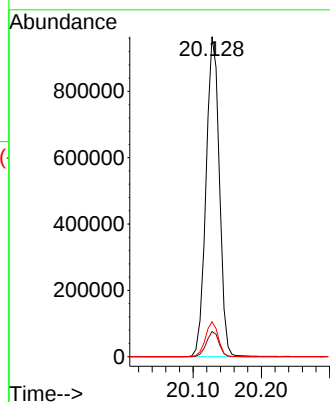
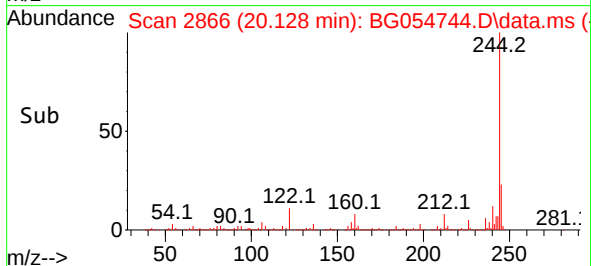
122 10.9 9.0 13.6

Manual Integrations

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Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#80

Butylbenzylphthalate

Concen: 43.906 ng

RT: 20.815 min Scan# 2983

Delta R.T. -0.000 min

Lab File: BG054744.D

Acq: 25 Aug 2022 20:31

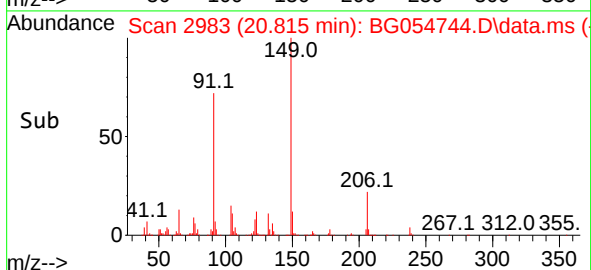
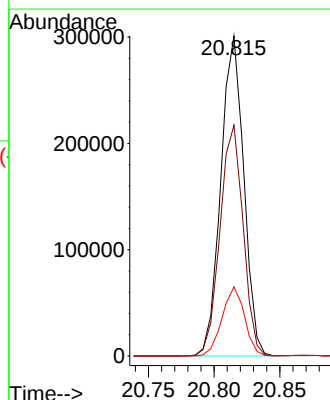
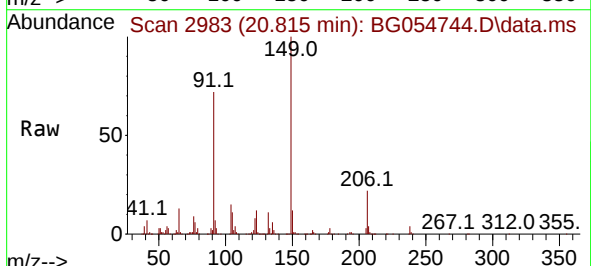
Tgt Ion:149 Resp: 365945

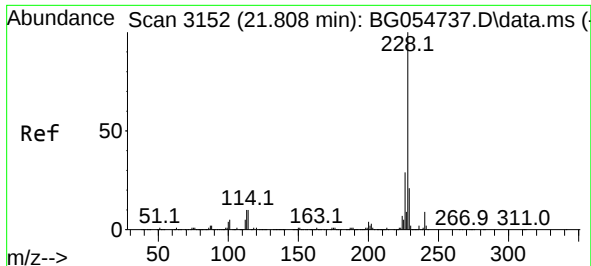
Ion Ratio Lower Upper

149 100

91 72.1 59.5 89.3

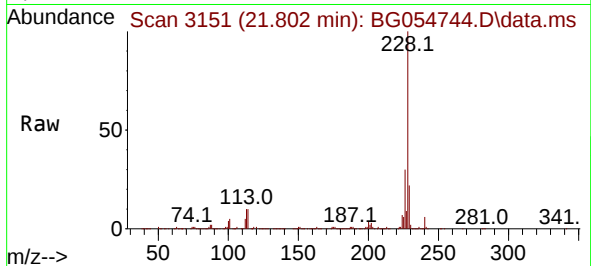
206 21.6 16.6 25.0





#81
Benzo(a)anthracene
Concen: 43.934 ng
RT: 21.802 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

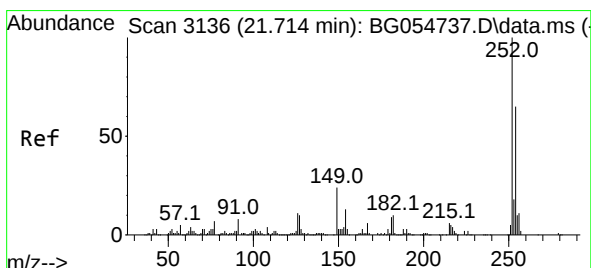
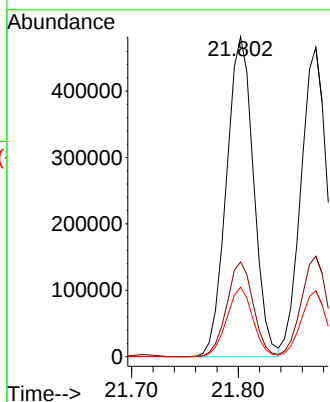
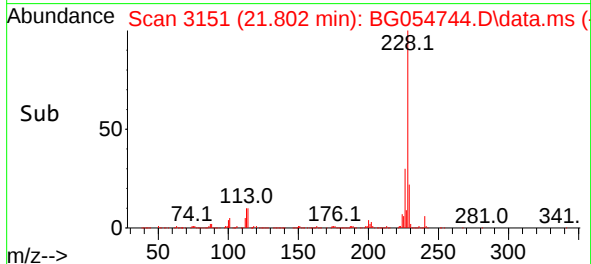
Instrument :
BNA_G
ClientSampleId :
PB147245BS



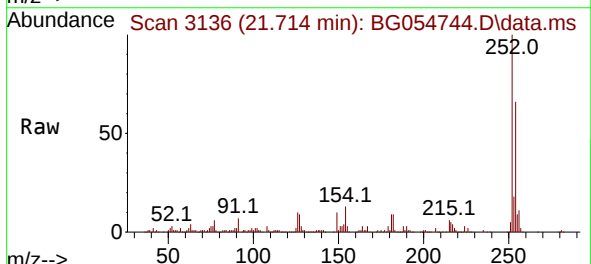
Tgt Ion:228 Resp: 853629
Ion Ratio Lower Upper
228 100
226 29.6 23.4 35.2
229 21.7 16.5 24.7

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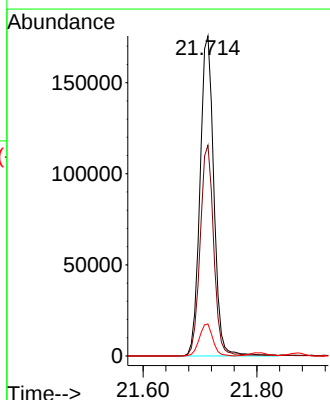
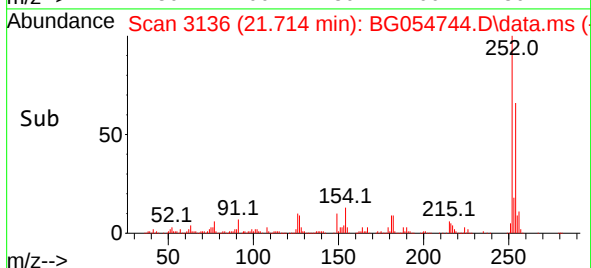
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

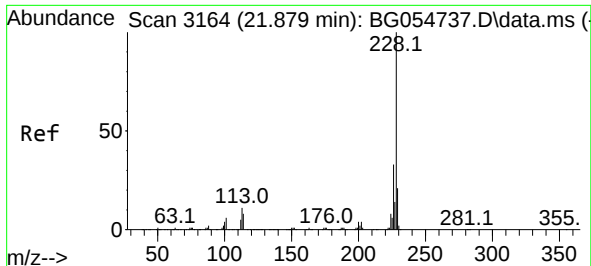


#82
3,3'-Dichlorobenzidine
Concen: 43.401 ng
RT: 21.714 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31



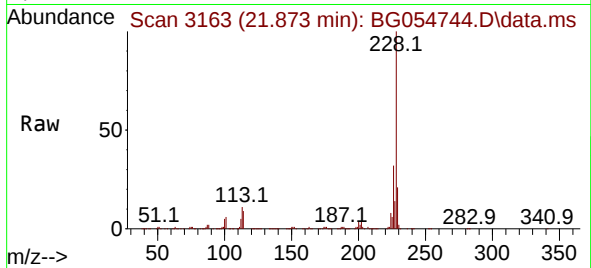
Tgt Ion:252 Resp: 295653
Ion Ratio Lower Upper
252 100
254 65.9 51.4 77.2
126 10.0 8.2 12.2





#83
Chrysene
Concen: 42.839 ng
RT: 21.873 min Scan# 3164
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

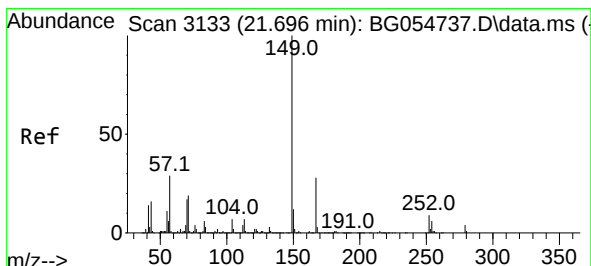
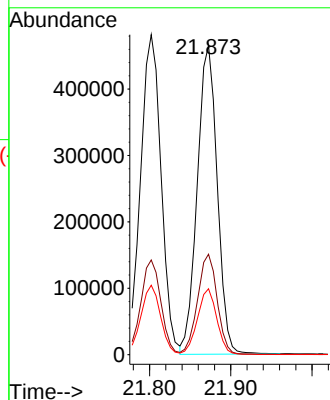
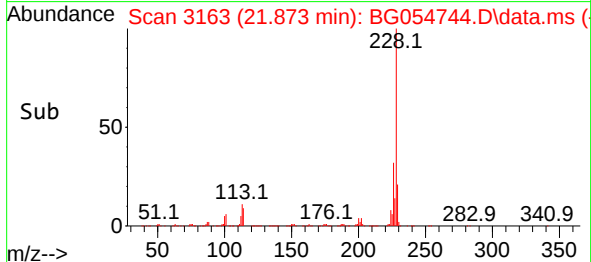
Instrument :
BNA_G
ClientSampleId :
PB147245BS



Tgt Ion:228 Resp: 79584
Ion Ratio Lower Upper
228 100
226 32.5 25.5 38.3
229 21.3 16.8 25.2

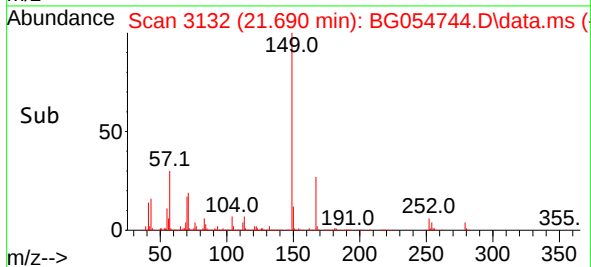
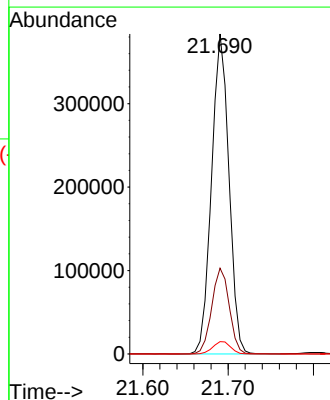
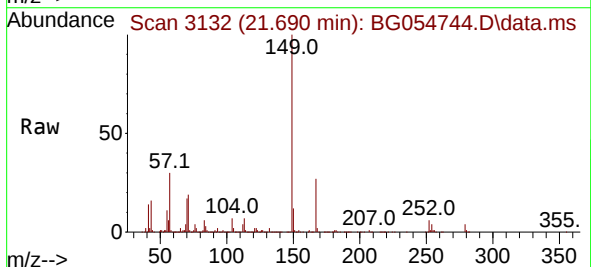
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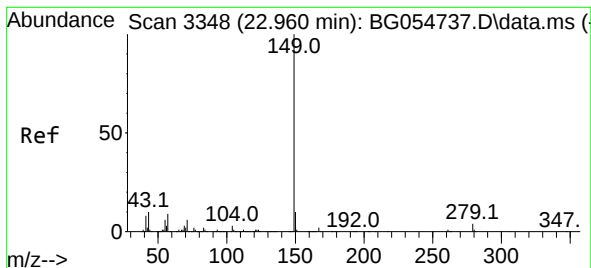
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.215 ng
RT: 21.690 min Scan# 3132
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Tgt Ion:149 Resp: 542952
Ion Ratio Lower Upper
149 100
167 26.8 21.4 32.0
279 3.8 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 44.837 ng

RT: 22.954 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG054744.D

Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

ClientSampleId :

PB147245BS

Tgt Ion:149 Resp: 913069

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

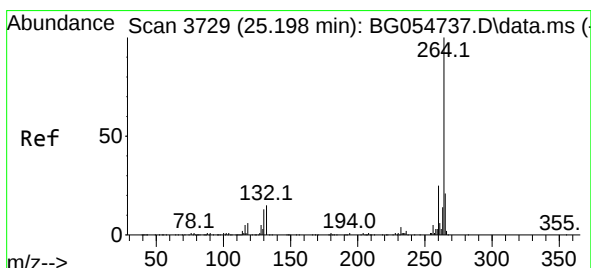
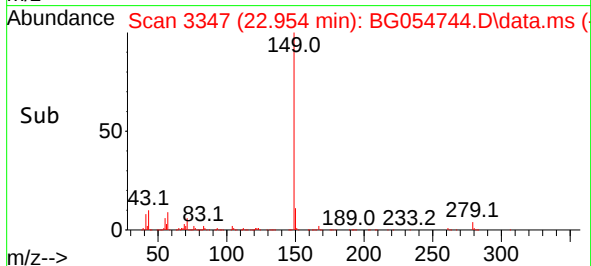
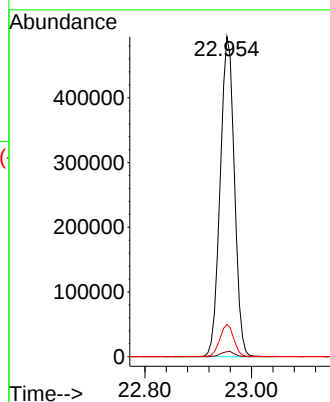
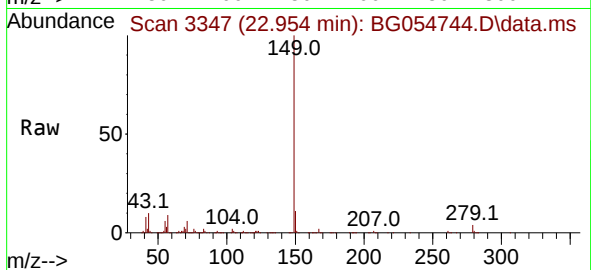
43 9.9 9.0 13.6

Manual Integrations

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Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.186 min Scan# 3727

Delta R.T. -0.012 min

Lab File: BG054744.D

Acq: 25 Aug 2022 20:31

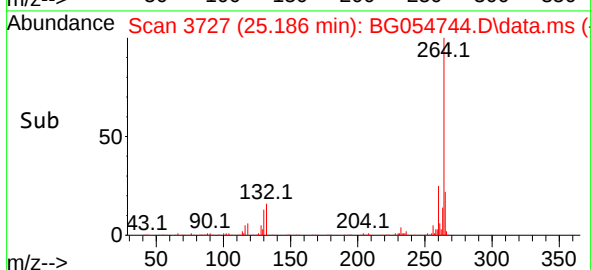
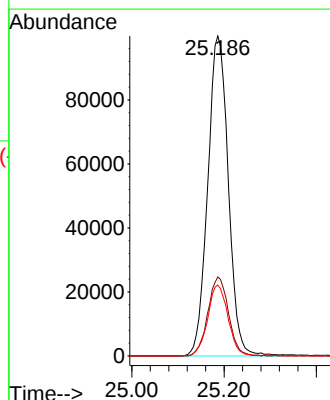
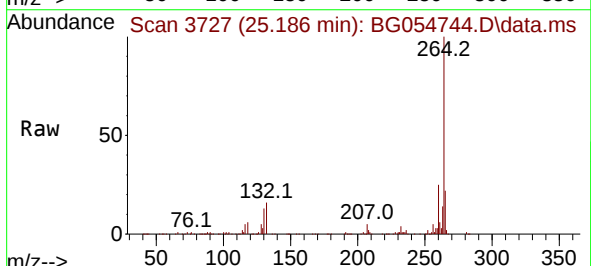
Tgt Ion:264 Resp: 309701

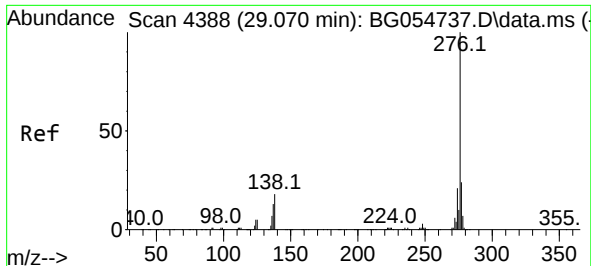
Ion Ratio Lower Upper

264 100

260 24.7 19.9 29.9

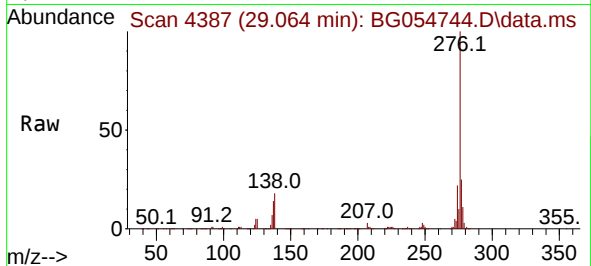
265 22.2 16.9 25.3





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.779 ng
 RT: 29.064 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BG054744.D
 Acq: 25 Aug 2022 20:31

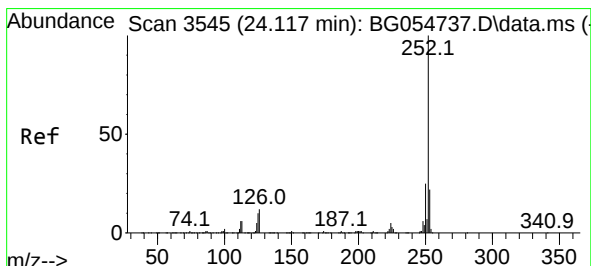
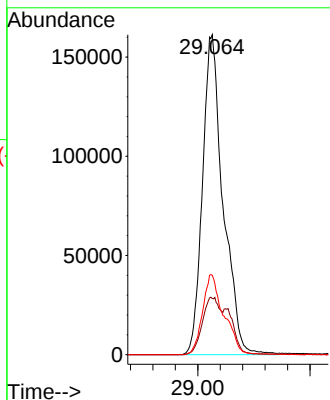
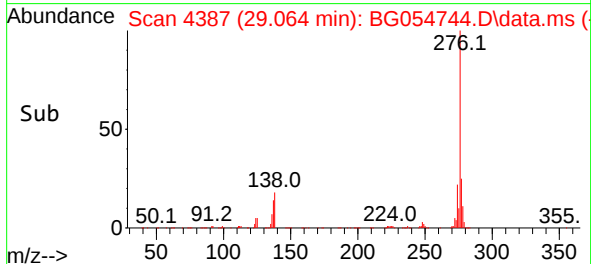
Instrument :
 BNA_G
 ClientSampleId :
 PB147245BS



Tgt Ion:276 Resp: 1029310
 Ion Ratio Lower Upper
 276 100
 138 15.7 12.0 18.0
 277 25.7 20.2 30.4

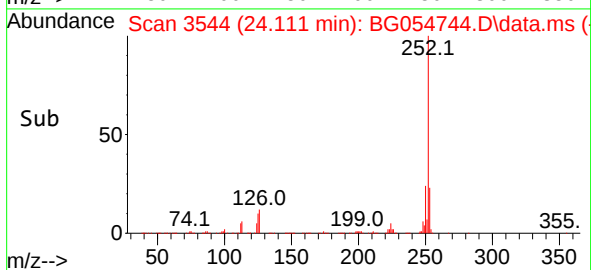
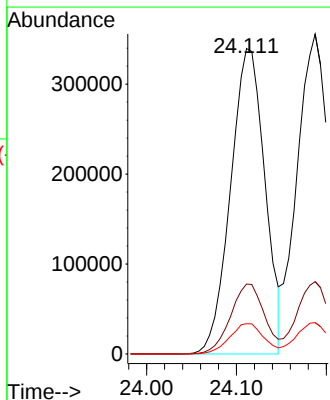
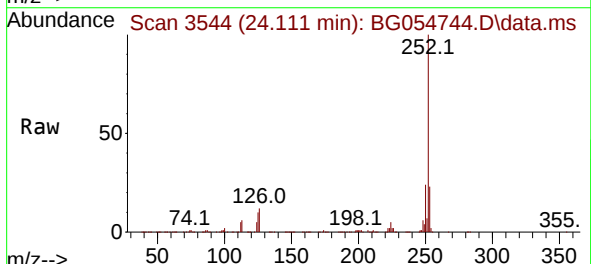
Manual Integrations
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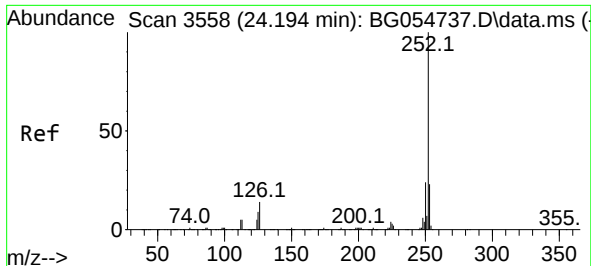
Reviewed By :Christian Giraldo 08/26/2022
 Supervised By :Jagrut Upadhyay 08/26/2022



#88
 Benzo(b)fluoranthene
 Concen: 46.355 ng
 RT: 24.111 min Scan# 3544
 Delta R.T. -0.006 min
 Lab File: BG054744.D
 Acq: 25 Aug 2022 20:31

Tgt Ion:252 Resp: 900586
 Ion Ratio Lower Upper
 252 100
 253 22.9 18.0 27.0
 125 9.9 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 46.232 ng
RT: 24.188 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

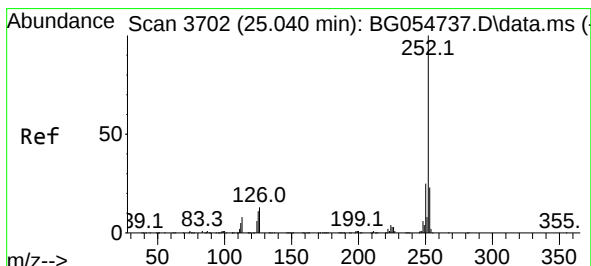
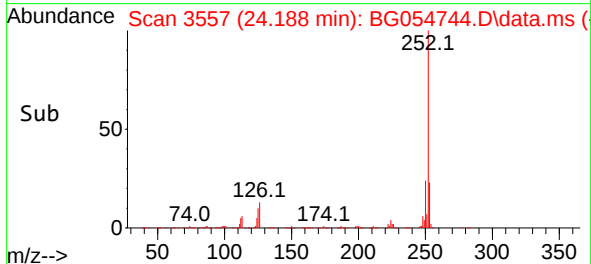
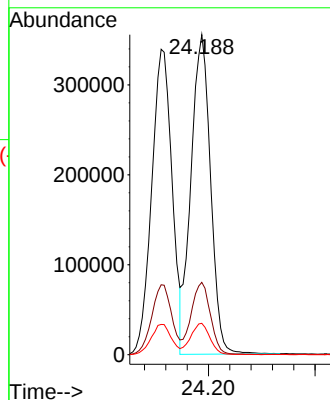
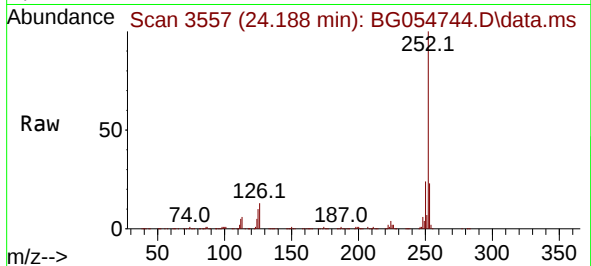
ClientSampleId :

PB147245BS

Tgt Ion:252 Resp: 90393
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 9.8 8.2 12.4

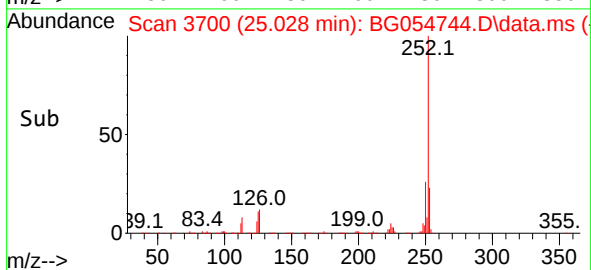
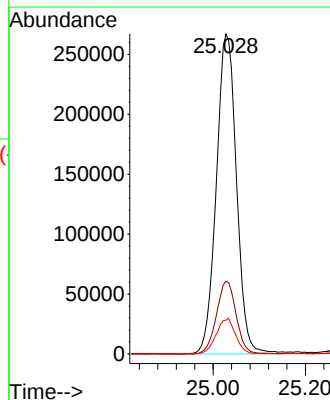
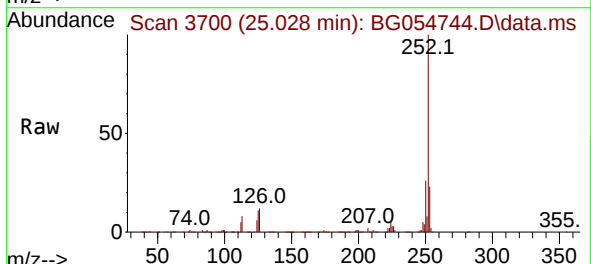
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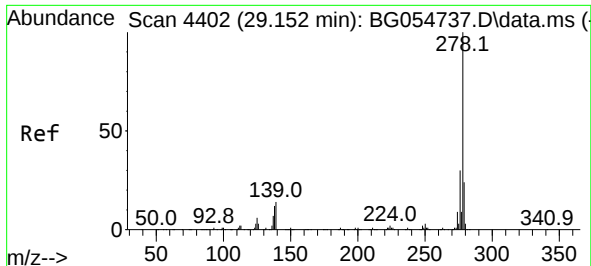
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#90
Benzo(a)pyrene
Concen: 48.761 ng
RT: 25.028 min Scan# 3700
Delta R.T. -0.012 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Tgt Ion:252 Resp: 809354
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 10.5 8.8 13.2





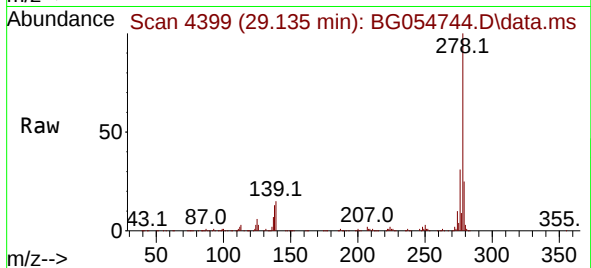
#91
Dibenzo(a,h)anthracene
Concen: 46.021 ng
RT: 29.135 min Scan# 41
Delta R.T. -0.018 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31

Instrument :

BNA_G

ClientSampleId :

PB147245BS

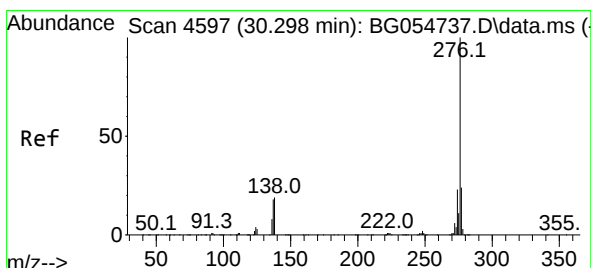
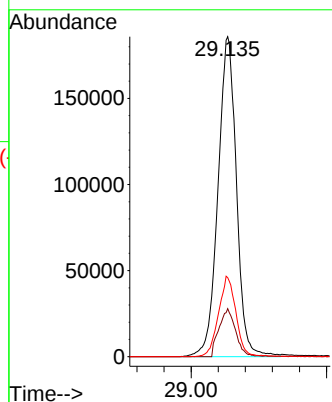
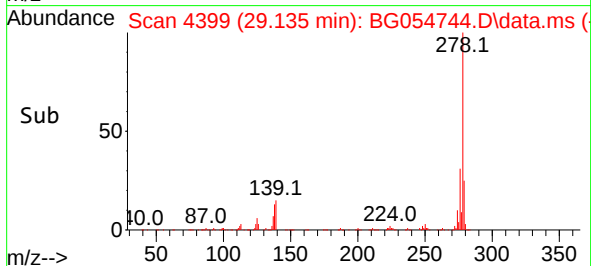


Tgt Ion:278 Resp: 881518
Ion Ratio Lower Upper
278 100
139 15.0 11.4 17.2
279 24.7 19.3 28.9

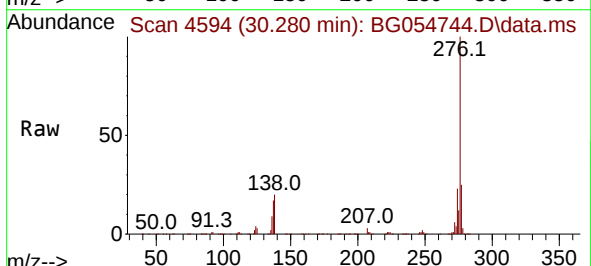
Manual Integrations

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Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#92
Benzo(g,h,i)perylene
Concen: 45.739 ng
RT: 30.280 min Scan# 4594
Delta R.T. -0.018 min
Lab File: BG054744.D
Acq: 25 Aug 2022 20:31



Tgt Ion:276 Resp: 885076
Ion Ratio Lower Upper
276 100
277 24.6 19.4 29.0
138 20.0 16.6 25.0

