

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
 Data File : BG054768.D
 Acq On : 29 Aug 2022 11:24
 Operator : CG/JU
 Sample : PB147277BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147277BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/30/2022
 Supervised By : Jagrut Upadhyay 08/30/2022

Quant Time: Aug 30 02:44:53 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	8.147	152	52315	20.000	ng	0.00
21) Naphthalene-d8	10.974	136	216567	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	144986	20.000	ng	0.00
64) Phenanthrene-d10	17.525	188	328366	20.000	ng	0.00
76) Chrysene-d12	21.820	240	314838	20.000	ng	0.00
86) Perylene-d12	25.180	264	337207	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	415175	138.195	ng	0.00
7) Phenol-d6	7.295	99	547869	133.348	ng	0.00
23) Nitrobenzene-d5	9.323	82	322552	78.187	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	235718	130.109	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	759831	78.769	ng	0.00
79) Terphenyl-d14	20.128	244	1333144	83.900	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.529	88	48906	34.091	ng	99
3) Pyridine	3.935	79	133501	33.364	ng	98
4) n-Nitrosodimethylamine	3.852	42	72501	41.916	ng	95
6) Aniline	7.466	93	197844	40.529	ng	98
8) 2-Chlorophenol	7.707	128	161073	49.073	ng	100
9) Benzaldehyde	7.278	77	61454	22.821	ng	95
10) Phenol	7.325	94	203045	48.055	ng	97
11) bis(2-Chloroethyl)ether	7.560	93	152815	44.970	ng	98
12) 1,3-Dichlorobenzene	8.036	146	170786	44.962	ng	98
13) 1,4-Dichlorobenzene	8.183	146	172136	44.928	ng	99
14) 1,2-Dichlorobenzene	8.506	146	167670	46.152	ng	99
15) Benzyl Alcohol	8.382	79	139465	46.987	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.670	45	233668	43.945	ng	98
17) 2-Methylphenol	8.582	107	139811	48.060	ng	96
18) Hexachloroethane	9.240	117	61795	44.478	ng	98
19) n-Nitroso-di-n-propyla...	8.952	70	122376	43.314	ng	97
20) 3+4-Methylphenols	8.911	107	188113	46.632	ng	97
22) Acetophenone	8.976	105	237074	43.756	ng	# 99
24) Nitrobenzene	9.364	77	175151	42.123	ng	98
25) Isophorone	9.887	82	339821	44.178	ng	99
26) 2-Nitrophenol	10.080	139	82957	45.165	ng	98
27) 2,4-Dimethylphenol	10.127	122	153666m	52.803	ng	
28) bis(2-Chloroethoxy)met...	10.368	93	205118	46.797	ng	99
29) 2,4-Dichlorophenol	10.615	162	153979	46.518	ng	98
30) 1,2,4-Trichlorobenzene	10.833	180	160590	42.454	ng	99
31) Naphthalene	11.026	128	487115	41.923	ng	99
32) Benzoic acid	10.268	122	71454	36.604	ng	98
33) 4-Chloroaniline	11.126	127	140127	29.581	ng	97
34) Hexachlorobutadiene	11.303	225	103957	42.894	ng	98
35) Caprolactam	11.896	113	54688m	46.830	ng	
36) 4-Chloro-3-methylphenol	12.237	107	166137	45.898	ng	98
37) 2-Methylnaphthalene	12.619	142	342426	42.047	ng	98
38) 1-Methylnaphthalene	12.836	142	329045	41.529	ng	98
40) 1,2,4,5-Tetrachloroben...	12.983	216	187832	42.977	ng	99
41) Hexachlorocyclopentadiene	12.959	237	248001	106.997	ng	98
43) 2,4,6-Trichlorophenol	13.218	196	128470	44.286	ng	98

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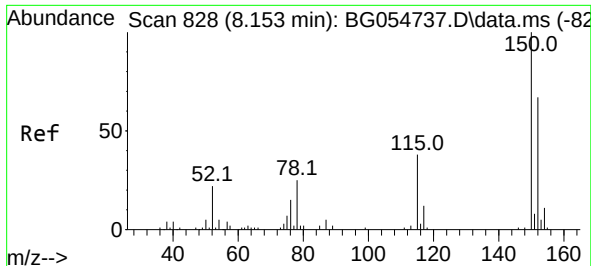
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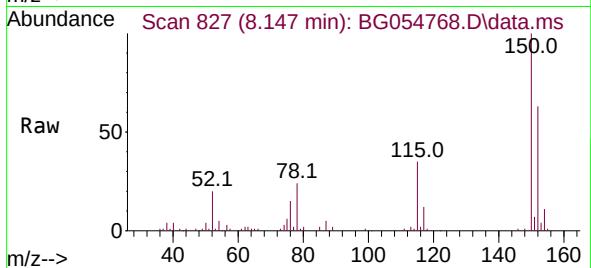
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.288	196	141544	43.447	ng	99
46) 1,1'-Biphenyl	13.617	154	465440	43.230	ng	99
47) 2-Chloronaphthalene	13.664	162	345200	42.217	ng	98
48) 2-Nitroaniline	13.864	65	110136	42.978	ng	93
49) Acenaphthylene	14.505	152	570476	42.278	ng	99
50) Dimethylphthalate	14.229	163	471015	42.168	ng	99
51) 2,6-Dinitrotoluene	14.352	165	101363	44.366	ng	89
52) Acenaphthene	14.845	154	399123m	46.048	ng	
53) 3-Nitroaniline	14.681	138	86897	33.976	ng	98
54) 2,4-Dinitrophenol	14.887	184	104393	80.883	ng	98
55) Dibenzofuran	15.180	168	539144	42.332	ng	99
56) 4-Nitrophenol	14.981	139	186578	94.269	ng	96
57) 2,4-Dinitrotoluene	15.133	165	144203	45.632	ng	87
58) Fluorene	15.827	166	450960	42.031	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.398	232	125372	42.690	ng	98
60) Diethylphthalate	15.586	149	472290	42.343	ng	99
61) 4-Chlorophenyl-phenyle...	15.815	204	231748	43.784	ng	99
62) 4-Nitroaniline	15.844	138	113512	43.471	ng	98
63) Azobenzene	16.109	77	432791	40.829	ng	97
65) 4,6-Dinitro-2-methylph...	15.897	198	71144	42.564	ng	98
66) n-Nitrosodiphenylamine	16.026	169	411899	43.497	ng	99
67) 4-Bromophenyl-phenylether	16.708	248	162986	45.209	ng	98
68) Hexachlorobenzene	16.825	284	180863	44.626	ng	97
69) Atrazine	16.967	200	158633	47.484	ng	99
70) Pentachlorophenol	17.166	266	207512	94.236	ng	98
71) Phenanthrene	17.572	178	742930	42.472	ng	99
72) Anthracene	17.660	178	749408	44.066	ng	99
73) Carbazole	17.930	167	710073	45.317	ng	99
74) Di-n-butylphthalate	18.471	149	853629	43.053	ng	99
75) Fluoranthene	19.575	202	928158	43.618	ng	99
77) Benzidine	19.751	184	467120	59.901	ng	98
78) Pyrene	19.934	202	937863	42.721	ng	99
80) Butylbenzylphthalate	20.809	149	385982	42.151	ng	95
81) Benzo(a)anthracene	21.796	228	915517	42.888	ng	99
82) 3,3'-Dichlorobenzidine	21.708	252	292363	39.063	ng	98
83) Chrysene	21.867	228	866924	42.474	ng	100
84) Bis(2-ethylhexyl)phtha...	21.684	149	569634	43.177	ng	99
85) Di-n-octyl phthalate	22.948	149	957035	42.775	ng	96
87) Indeno(1,2,3-cd)pyrene	29.052	276	1102743	43.076	ng	99
88) Benzo(b)fluoranthene	24.105	252	973039	45.999	ng	99
89) Benzo(k)fluoranthene	24.182	252	959576	45.074	ng	99
90) Benzo(a)pyrene	25.022	252	860934	47.638	ng	99
91) Dibenzo(a,h)anthracene	29.123	278	940058	45.074	ng	99
92) Benzo(g,h,i)perylene	30.263	276	941274	44.675	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.147 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

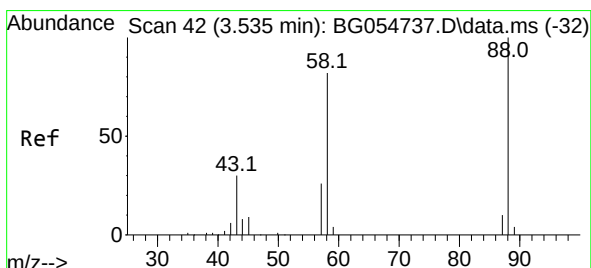
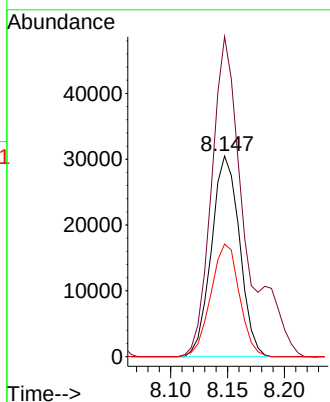
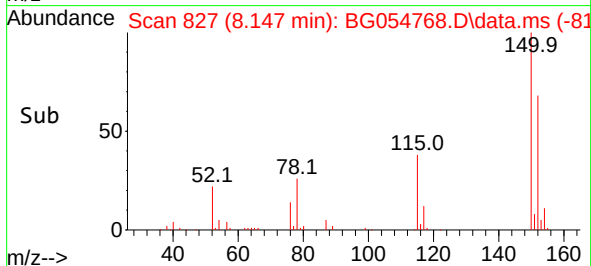
Instrument :
BNA_G
ClientSampleId :
PB147277BS



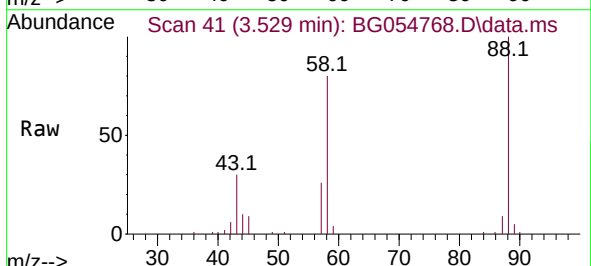
Tgt Ion:152 Resp: 52315
Ion Ratio Lower Upper
152 100
150 159.6 125.2 187.8
115 56.2 47.9 71.9

Manual Integrations
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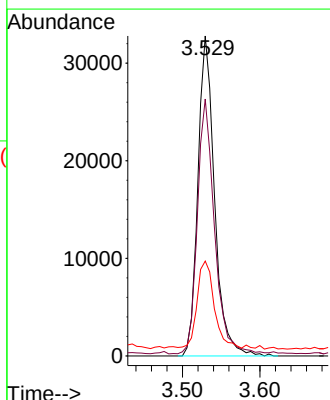
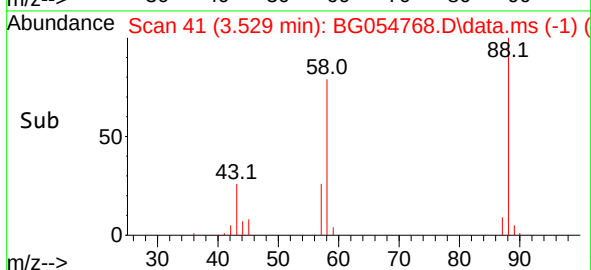
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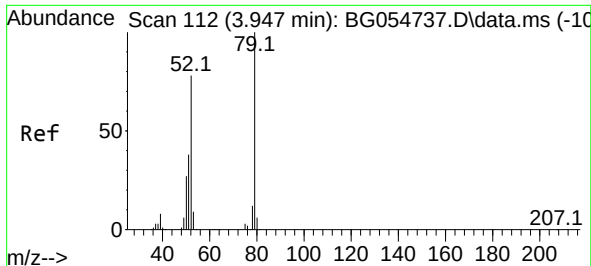


#2
1,4-Dioxane
Concen: 34.091 ng
RT: 3.529 min Scan# 41
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24



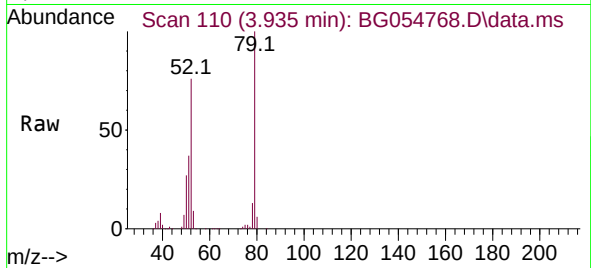
Tgt Ion: 88 Resp: 48906
Ion Ratio Lower Upper
88 100
58 81.4 65.9 98.9
43 27.7 22.7 34.1





#3
Pyridine
Concen: 33.364 ng
RT: 3.935 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

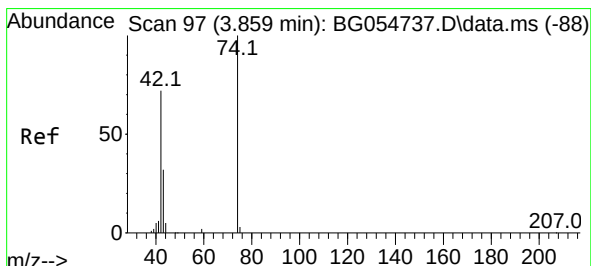
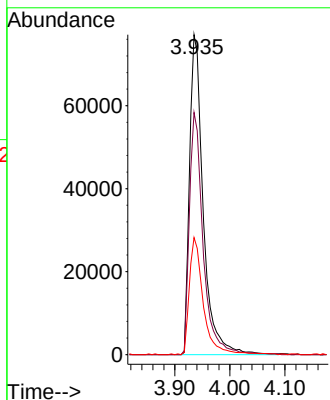
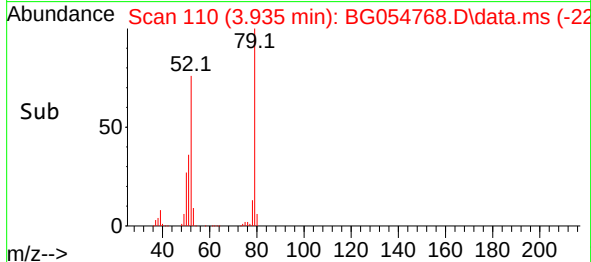
Instrument :
BNA_G
ClientSampleId :
PB147277BS



Tgt Ion: 79 Resp: 133501
Ion Ratio Lower Upper
79 100
52 75.7 61.4 92.0
51 36.6 31.4 47.0

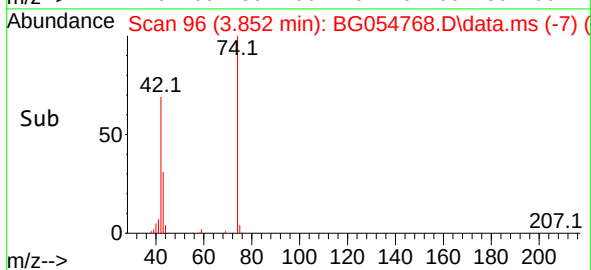
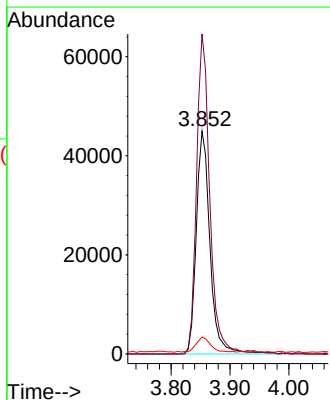
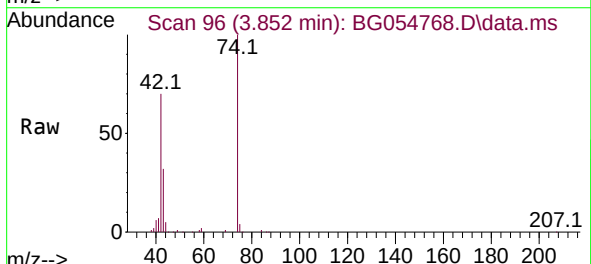
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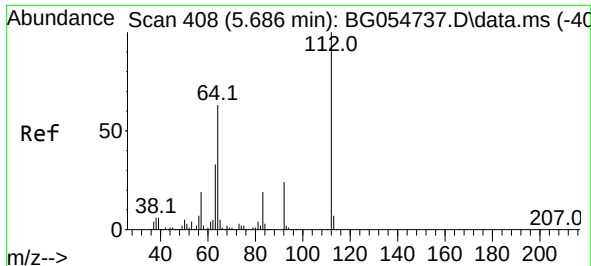
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#4
n-Nitrosodimethylamine
Concen: 41.916 ng
RT: 3.852 min Scan# 96
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

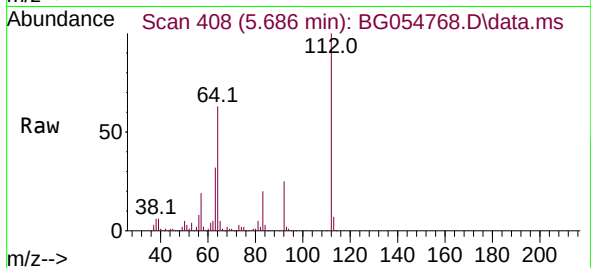
Tgt Ion: 42 Resp: 72501
Ion Ratio Lower Upper
42 100
74 143.7 109.6 164.4
44 7.6 5.5 8.3





#5
2-Fluorophenol
Concen: 138.195 ng
RT: 5.686 min Scan# 408
Delta R.T. -0.000 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

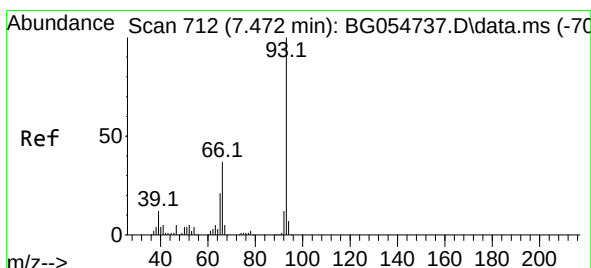
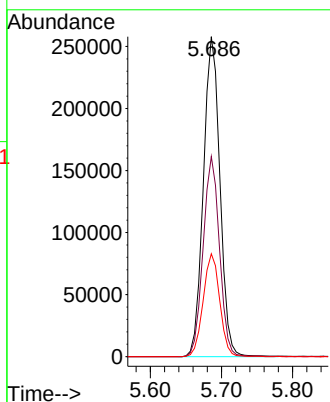
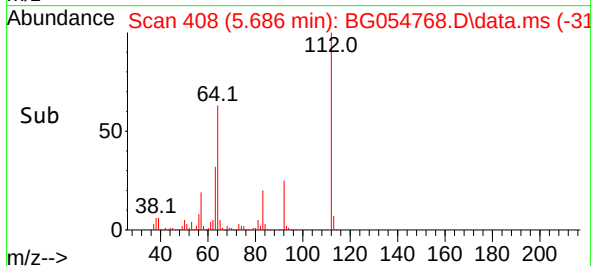
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 112 Resp: 415175
Ion Ratio Lower Upper
112 100
64 62.5 49.3 73.9
63 32.1 26.3 39.5

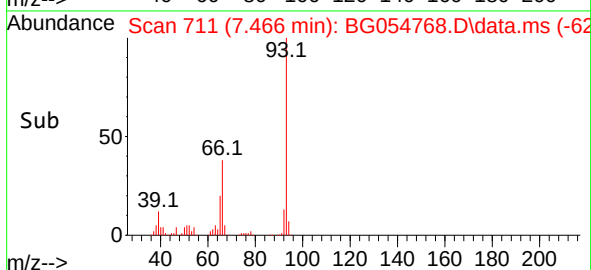
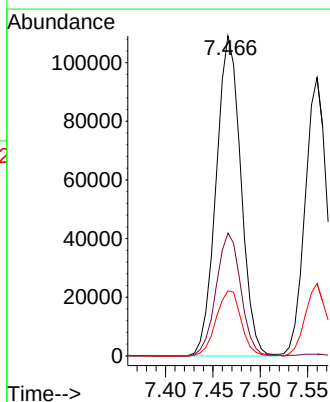
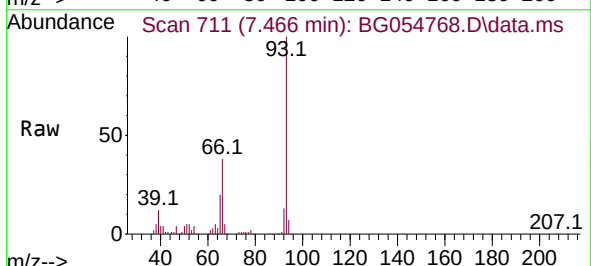
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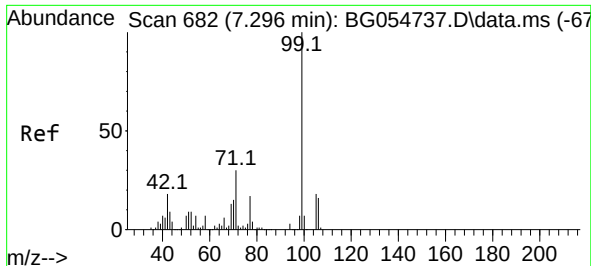
Reviewed By :Christian Giraldo 08/30/2022
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#6
Aniline
Concen: 40.529 ng
RT: 7.466 min Scan# 711
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

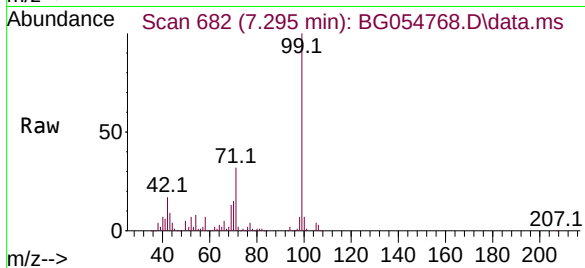
Tgt Ion: 93 Resp: 197844
Ion Ratio Lower Upper
93 100
66 38.4 31.8 47.8
65 20.3 16.6 25.0





#7
Phenol-d6
Concen: 133.348 ng
RT: 7.295 min Scan# 682
Delta R.T. -0.000 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

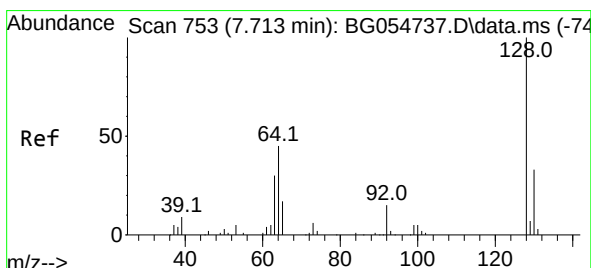
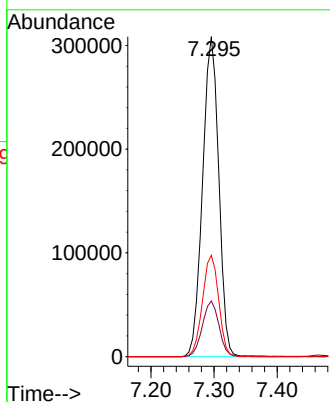
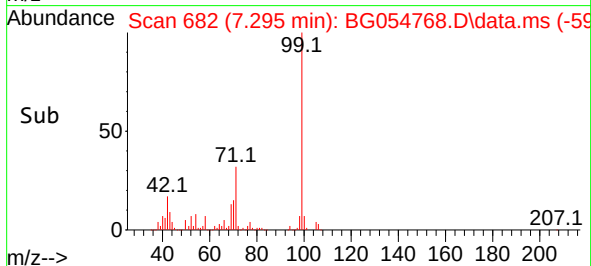
Instrument :
BNA_G
ClientSampleId :
PB147277BS



Tgt Ion: 99 Resp: 547869
Ion Ratio Lower Upper
99 100
42 17.4 14.6 22.0
71 31.6 24.6 37.0

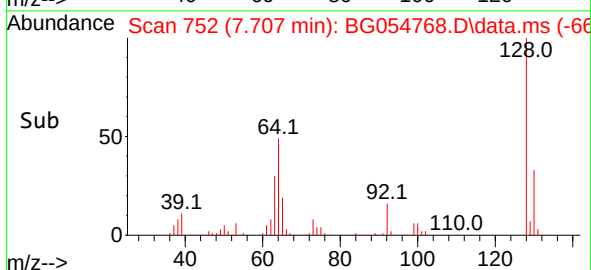
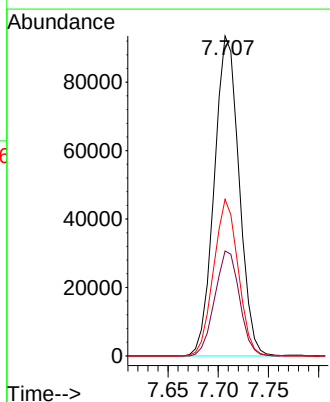
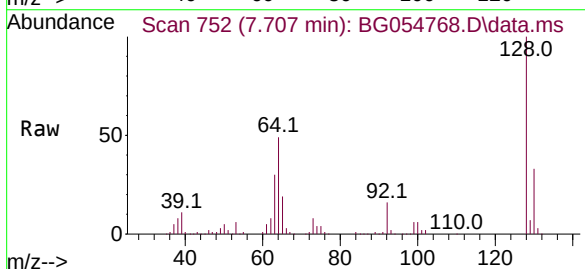
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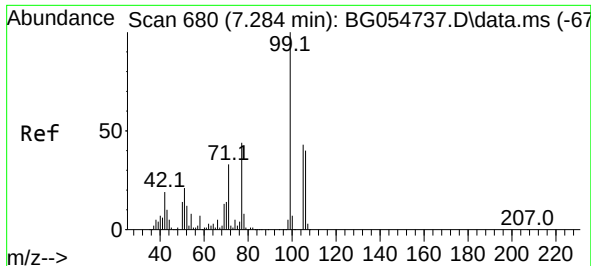
Reviewed By :Christian Giraldo 08/30/2022
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#8
2-Chlorophenol
Concen: 49.073 ng
RT: 7.707 min Scan# 752
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

Tgt Ion:128 Resp: 161073
Ion Ratio Lower Upper
128 100
130 32.8 12.5 52.5
64 48.9 28.6 68.6





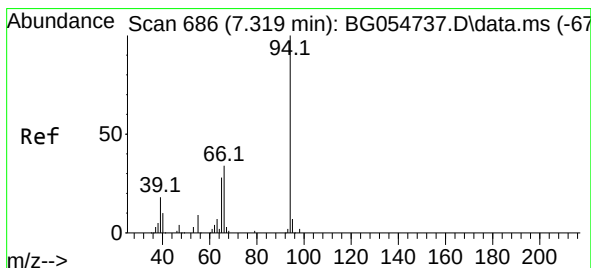
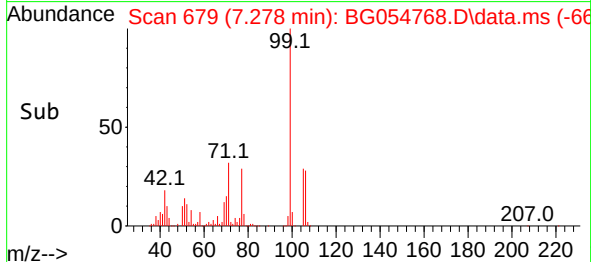
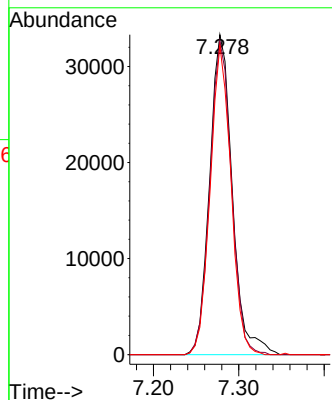
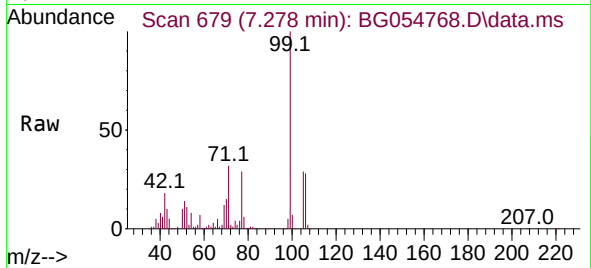
#9
Benzaldehyde
Concen: 22.821 ng
RT: 7.278 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

Instrument :
BNA_G
ClientSampleId :
PB147277BS

Tgt Ion: 77 Resp: 61454
Ion Ratio Lower Upper
77 100
105 97.9 75.3 115.3
106 96.6 70.2 110.2

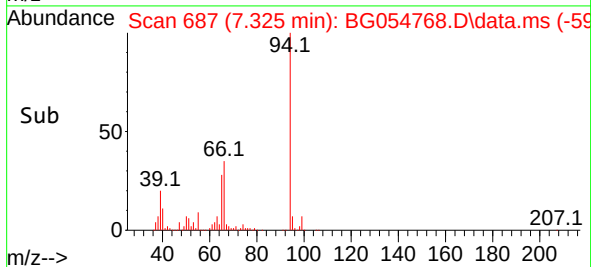
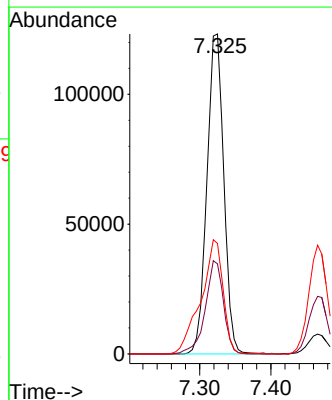
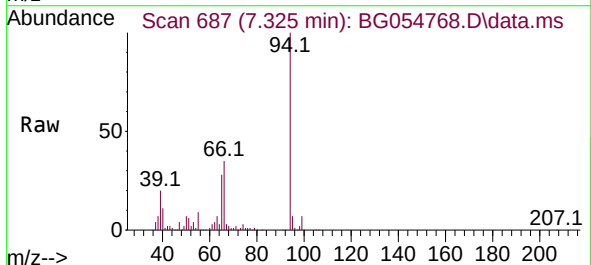
Manual Integrations
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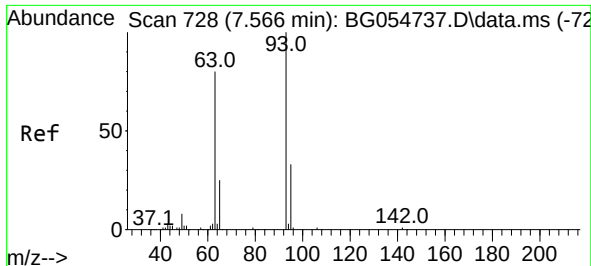
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#10
Phenol
Concen: 48.055 ng
RT: 7.325 min Scan# 687
Delta R.T. 0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

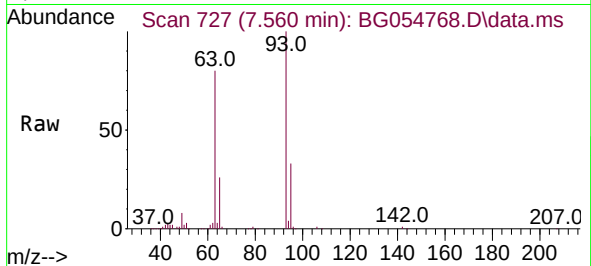
Tgt Ion: 94 Resp: 203045
Ion Ratio Lower Upper
94 100
65 28.1 9.9 49.9
66 34.5 16.4 56.4





#11
bis(2-Chloroethyl)ether
Concen: 44.970 ng
RT: 7.560 min Scan# 728
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

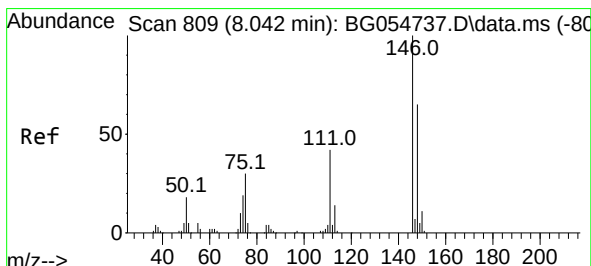
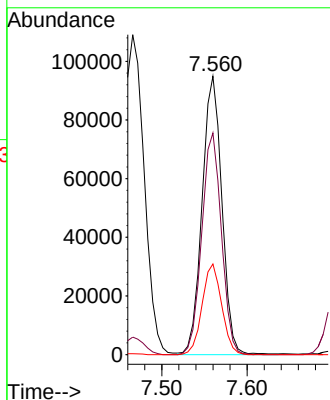
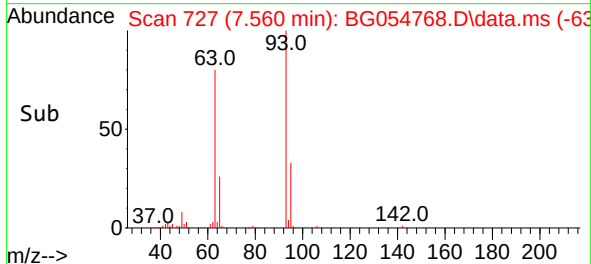
Instrument :
BNA_G
ClientSampleId :
PB147277BS



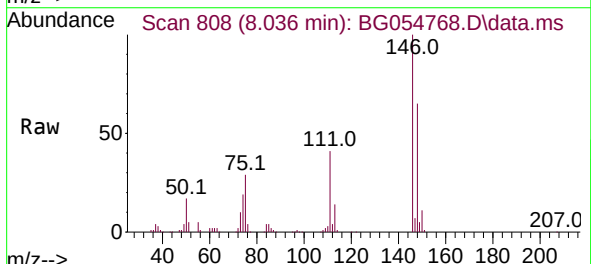
Tgt Ion: 93 Resp: 152815
Ion Ratio Lower Upper
93 100
63 79.6 62.1 102.1
95 32.5 12.1 52.1

Manual Integrations
APPROVED

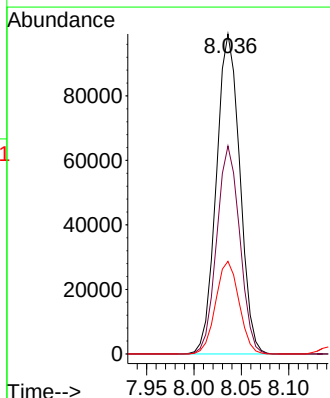
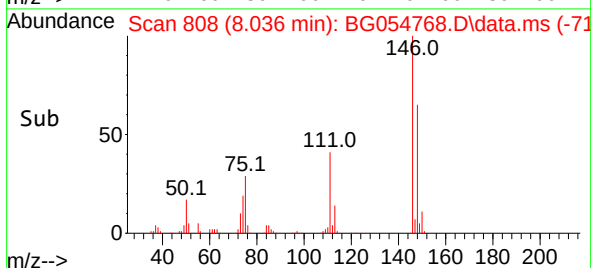
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

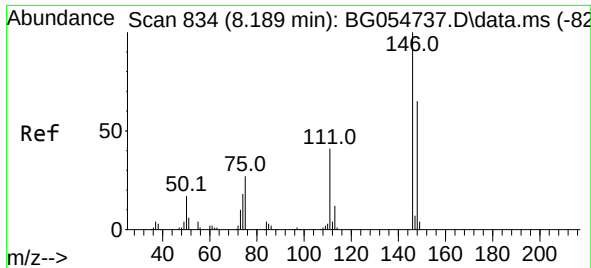


#12
1,3-Dichlorobenzene
Concen: 44.962 ng
RT: 8.036 min Scan# 808
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24



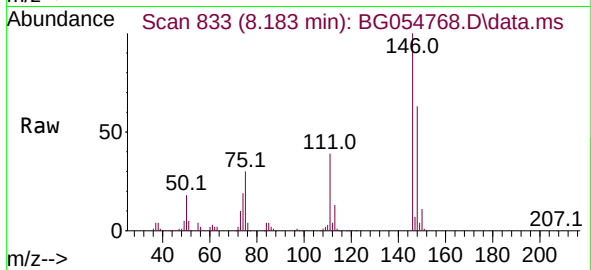
Tgt Ion:146 Resp: 170786
Ion Ratio Lower Upper
146 100
148 65.0 50.6 76.0
75 28.9 24.3 36.5





#13
1,4-Dichlorobenzene
Concen: 44.928 ng
RT: 8.183 min Scan# 834
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

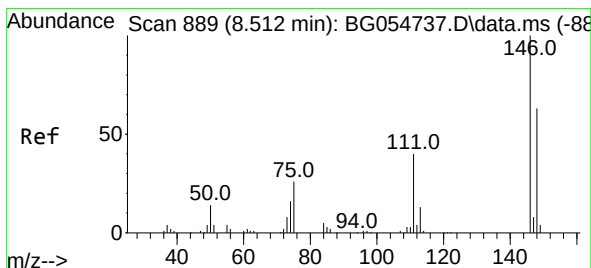
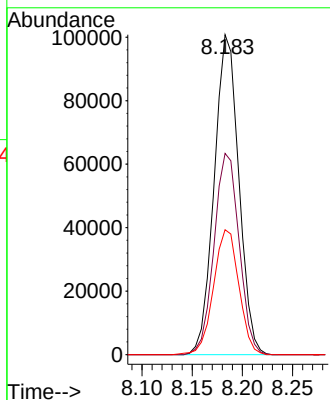
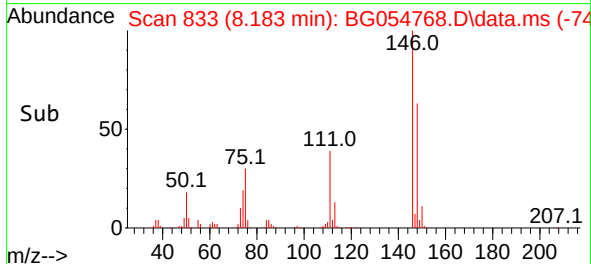
Instrument :
BNA_G
ClientSampleId :
PB147277BS



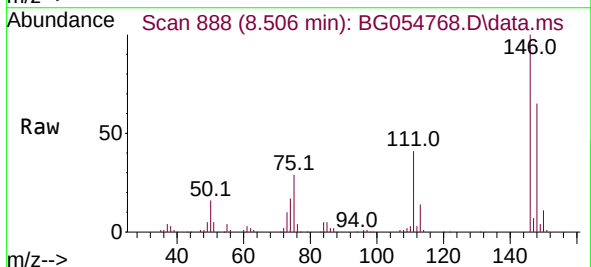
Tgt Ion:146 Resp: 172136
Ion Ratio Lower Upper
146 100
148 62.9 50.4 75.6
111 39.0 33.0 49.4

Manual Integrations
APPROVED

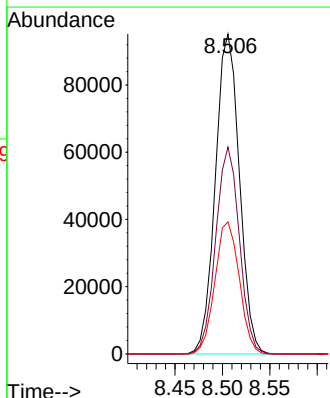
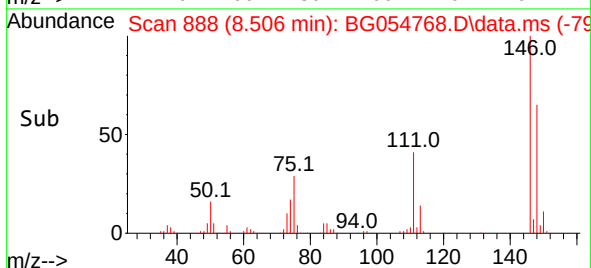
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

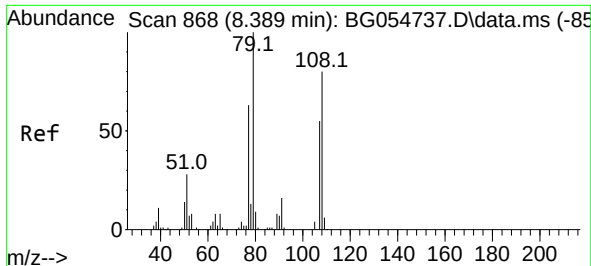


#14
1,2-Dichlorobenzene
Concen: 46.152 ng
RT: 8.506 min Scan# 888
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24



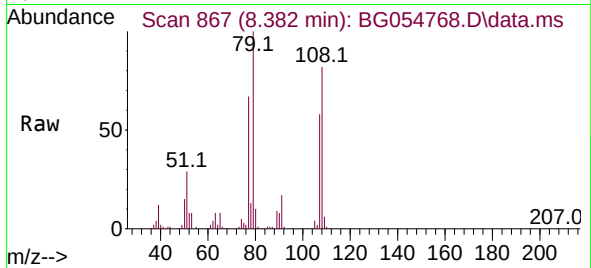
Tgt Ion:146 Resp: 167670
Ion Ratio Lower Upper
146 100
148 64.6 51.2 76.8
111 41.3 34.3 51.5





#15
Benzyl Alcohol
Concen: 46.987 ng
RT: 8.382 min Scan# 867
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

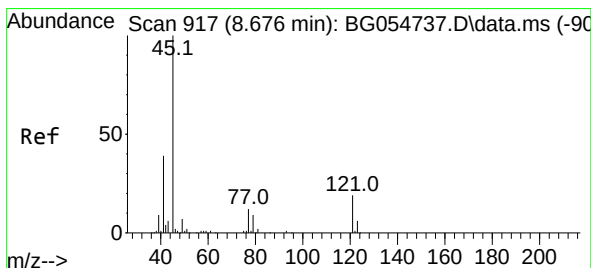
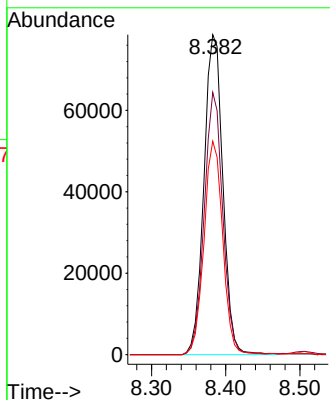
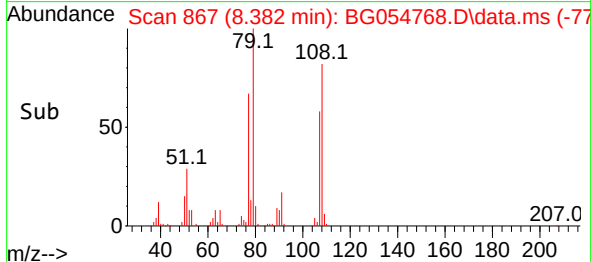
Instrument :
BNA_G
ClientSampleId :
PB147277BS



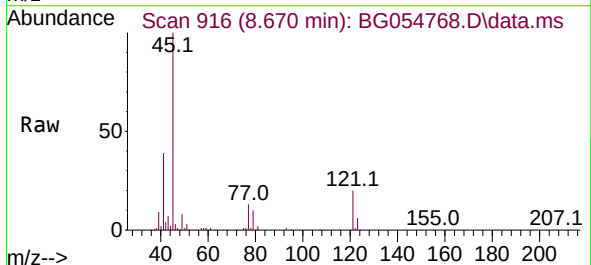
Tgt Ion: 79 Resp: 139468
Ion Ratio Lower Upper
79 100
108 81.9 63.4 95.0
77 66.7 55.0 82.4

Manual Integrations
APPROVED

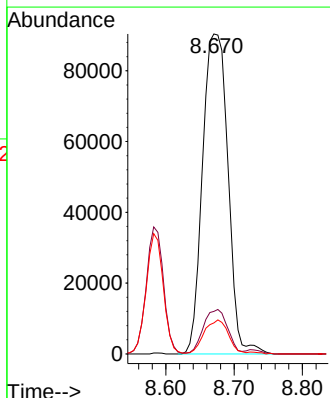
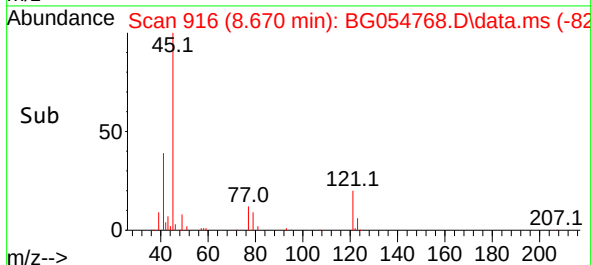
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

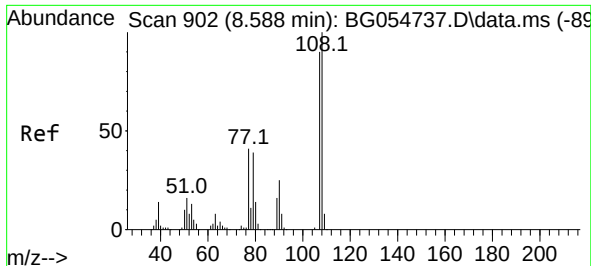


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.945 ng
RT: 8.670 min Scan# 916
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24



Tgt Ion: 45 Resp: 233668
Ion Ratio Lower Upper
45 100
77 13.3 0.0 32.8
79 9.7 0.0 30.4





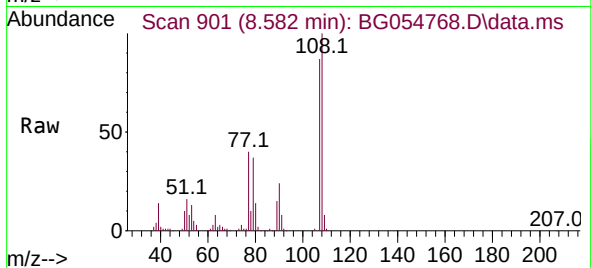
#17
2-Methylphenol
Concen: 48.060 ng
RT: 8.582 min Scan# 90
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

Instrument :

BNA_G

ClientSampleId :

PB147277BS

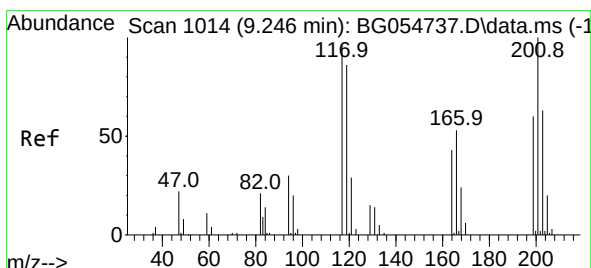
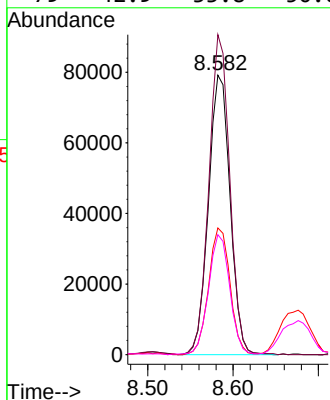
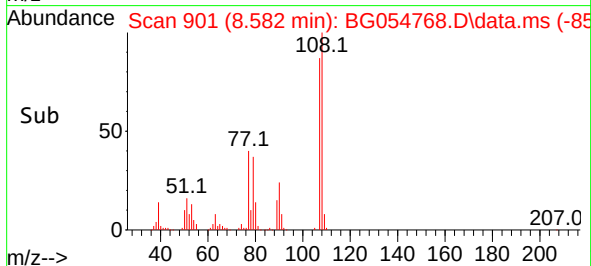


Tgt Ion:	107	Resp:	13981
Ion Ratio	Lower	Upper	
107	100		
108	114.5	85.6	128.4
77	45.3	35.8	53.8
79	42.9	33.8	50.6

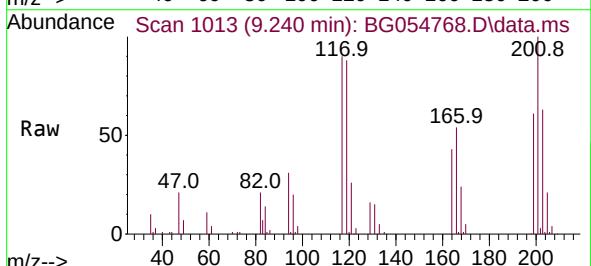
Manual Integrations

APPROVED

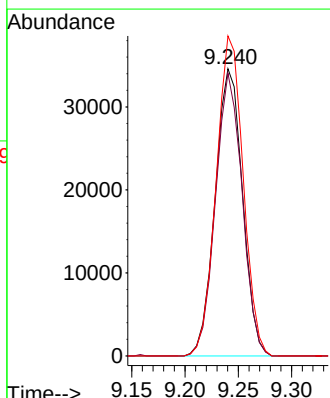
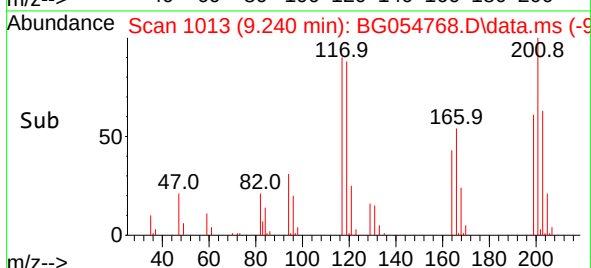
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

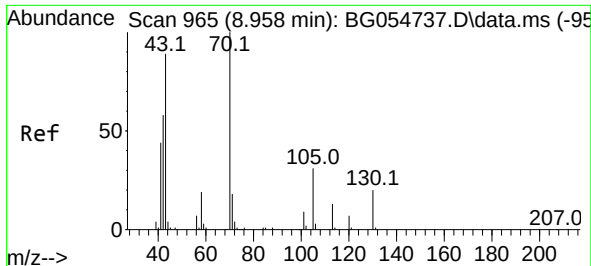


#18
Hexachloroethane
Concen: 44.478 ng
RT: 9.240 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24



Tgt Ion:	117	Resp:	61795
Ion Ratio	Lower	Upper	
117	100		
119	98.5	77.0	115.6
201	111.5	87.2	130.8





#19

n-Nitroso-di-n-propylamine

Concen: 43.314 ng

RT: 8.952 min Scan# 90

Delta R.T. -0.006 min

Lab File: BG054768.D

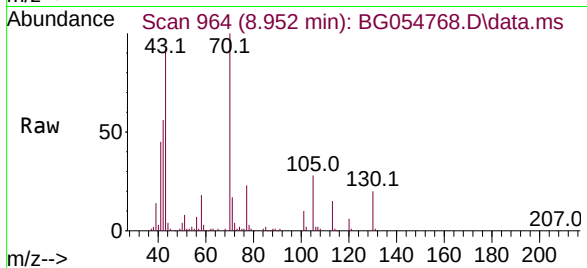
Acq: 29 Aug 2022 11:24

Instrument :

BNA_G

ClientSampleId :

PB147277BS



Tgt Ion: 70 Resp: 122376

Ion Ratio Lower Upper

70 100

42 56.5 46.6 69.8

101 9.6 7.7 11.5

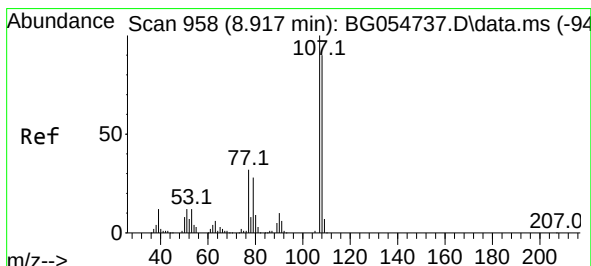
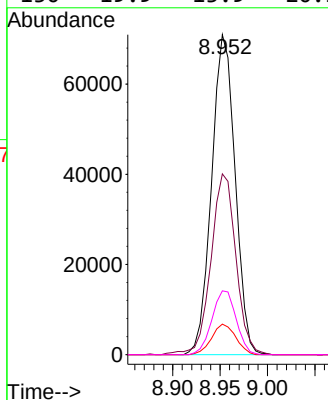
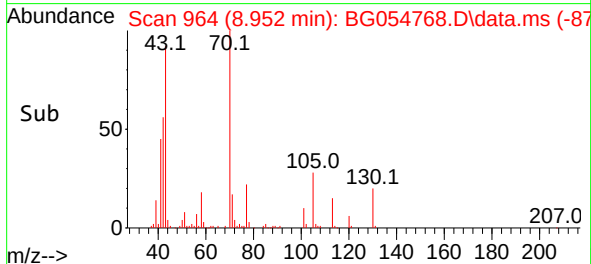
130 19.9 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/30/2022

Supervised By :Jagrut Upadhyay 08/30/2022



#20

3+4-Methylphenols

Concen: 46.632 ng

RT: 8.911 min Scan# 957

Delta R.T. -0.006 min

Lab File: BG054768.D

Acq: 29 Aug 2022 11:24

Tgt Ion:107 Resp: 188113

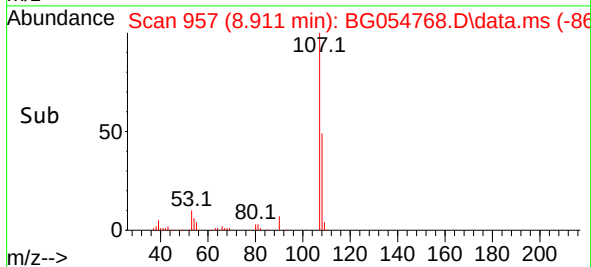
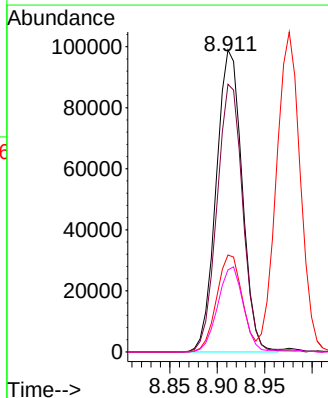
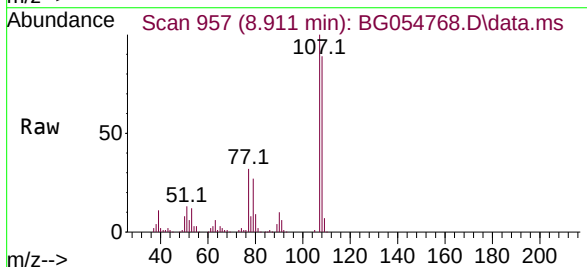
Ion Ratio Lower Upper

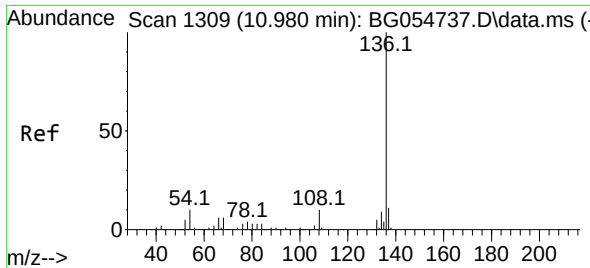
107 100

108 88.6 71.6 111.6

77 32.1 13.1 53.1

79 27.2 7.9 47.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.974 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

Instrument :

BNA_G

ClientSampleId :

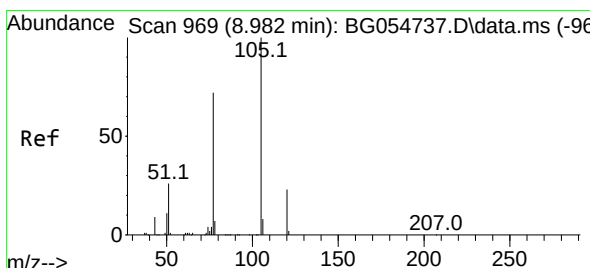
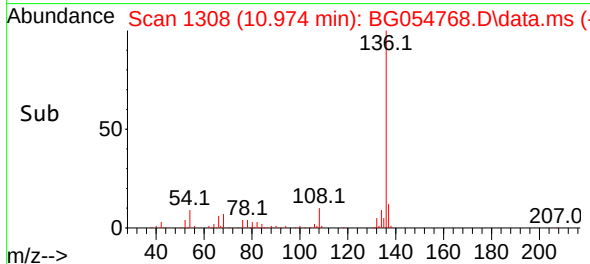
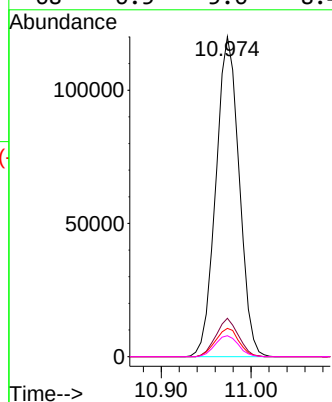
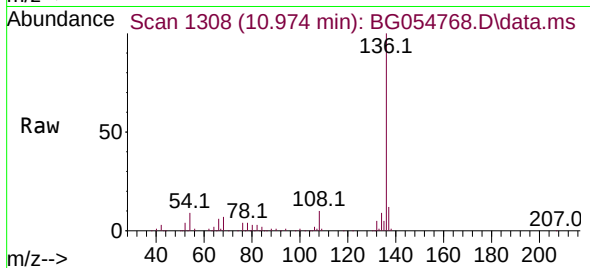
PB147277BS

Tgt Ion:136 Resp: 216562
Ion Ratio Lower Upper
136 100
137 12.0 9.2 13.8
54 8.8 7.7 11.5
68 6.5 5.6 8.4

Manual Integrations

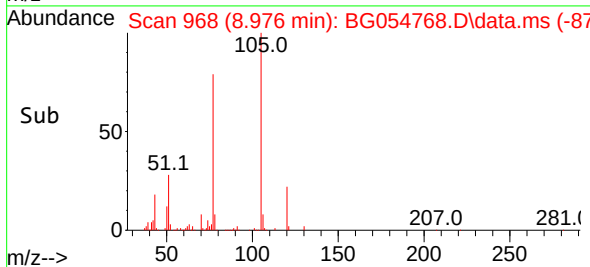
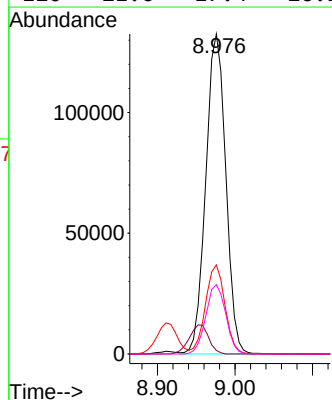
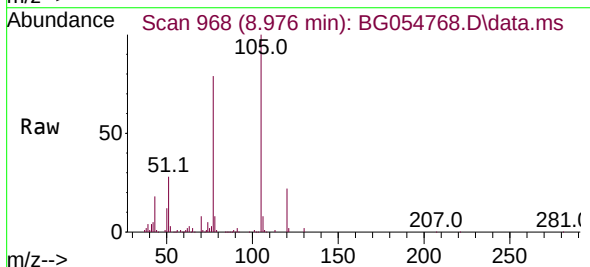
APPROVED

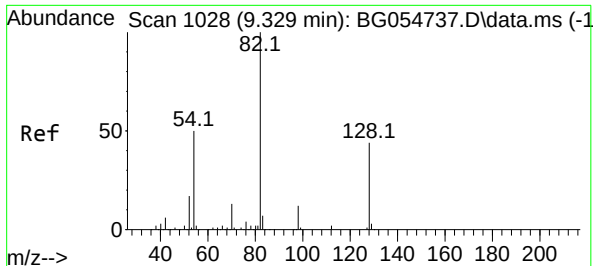
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#22
Acetophenone
Concen: 43.756 ng
RT: 8.976 min Scan# 968
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

Tgt Ion:105 Resp: 237074
Ion Ratio Lower Upper
105 100
71 1.1 1.2 1.8#
51 27.8 22.9 34.3
120 21.6 17.4 26.2





#23

Nitrobenzene-d5

Concen: 78.187 ng

RT: 9.323 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BG054768.D

Acq: 29 Aug 2022 11:24

Instrument :

BNA_G

ClientSampleId :

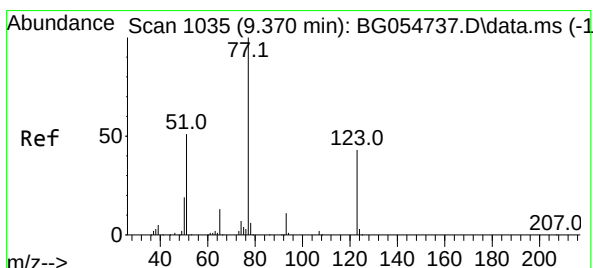
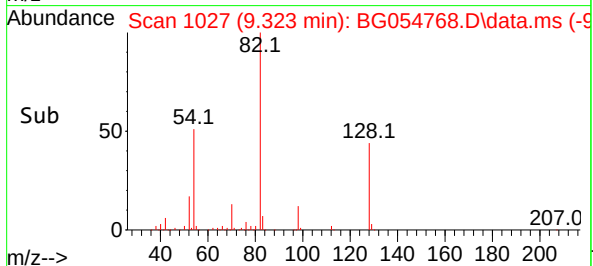
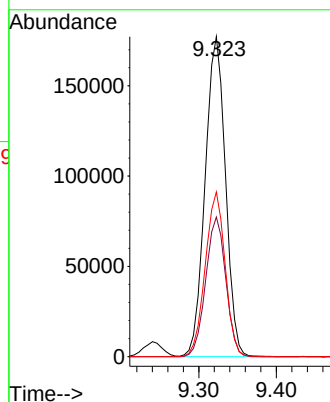
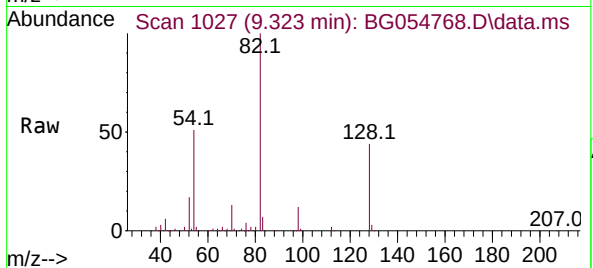
PB147277BS

Tgt Ion:	82	Resp:	322552
Ion Ratio	Lower	Upper	
82	100		
128	43.6	32.2	48.2
54	51.5	41.4	62.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#24

Nitrobenzene

Concen: 42.123 ng

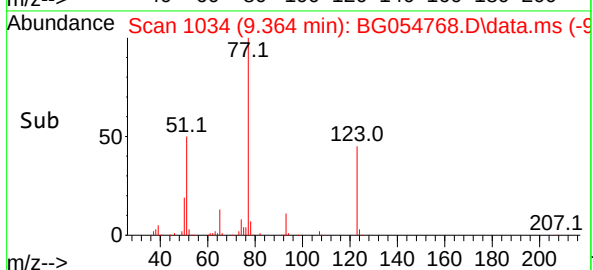
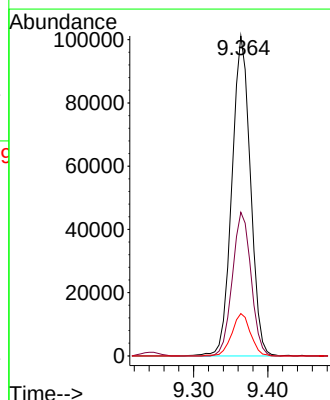
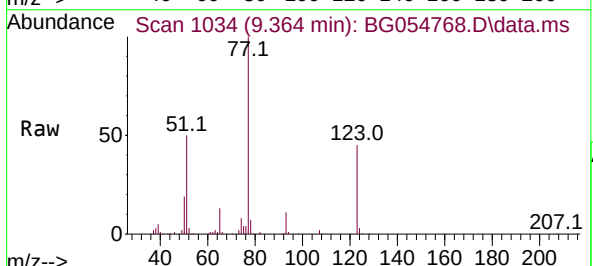
RT: 9.364 min Scan# 1034

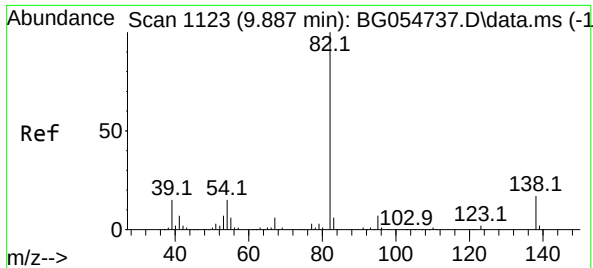
Delta R.T. -0.006 min

Lab File: BG054768.D

Acq: 29 Aug 2022 11:24

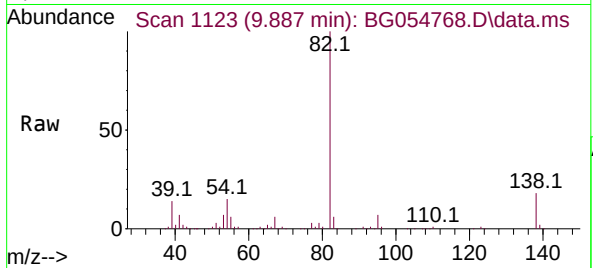
Tgt Ion:	77	Resp:	175151
Ion Ratio	Lower	Upper	
77	100		
123	44.9	35.0	52.6
65	13.2	10.2	15.2





#25
Isophorone
Concen: 44.178 ng
RT: 9.887 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

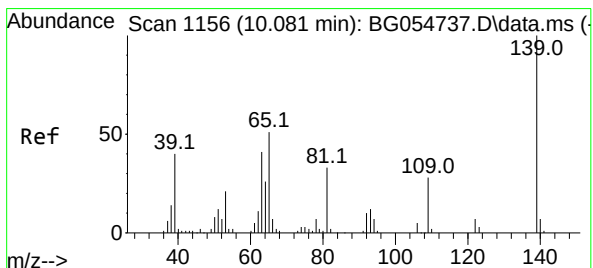
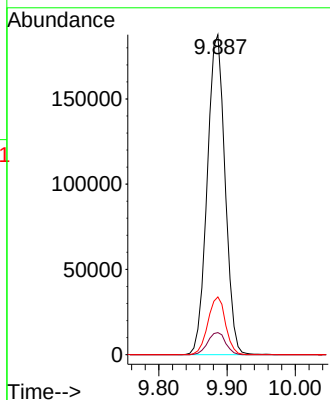
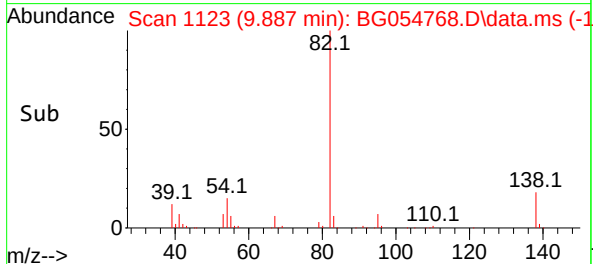
Instrument :
BNA_G
ClientSampleId :
PB147277BS



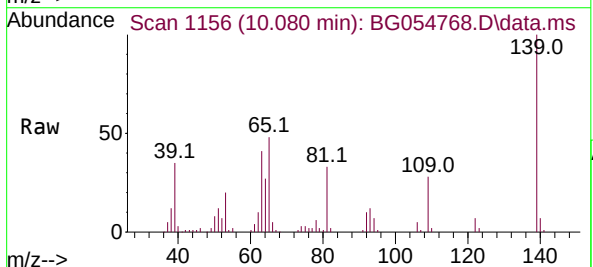
Tgt Ion: 82 Resp: 33982
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 18.1 13.9 20.9

Manual Integrations
APPROVED

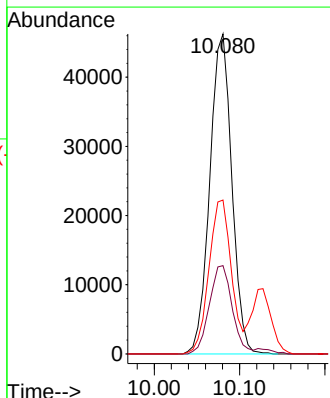
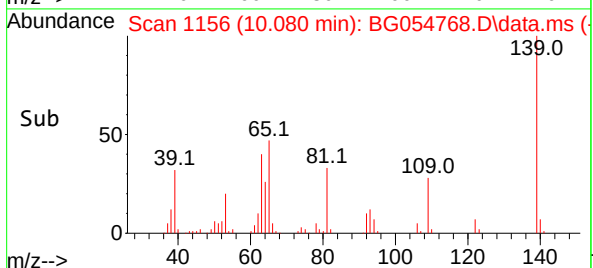
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

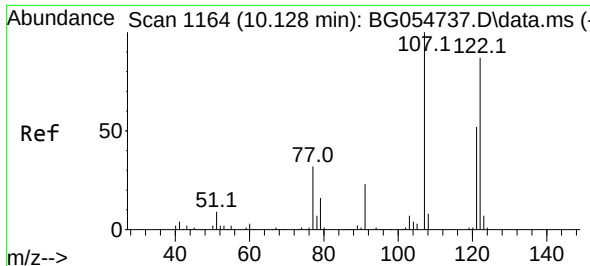


#26
2-Nitrophenol
Concen: 45.165 ng
RT: 10.080 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24



Tgt Ion:139 Resp: 82957
Ion Ratio Lower Upper
139 100
109 27.6 21.8 32.6
65 48.1 37.4 56.0





#27

2,4-Dimethylphenol

Concen: 52.803 ng m

RT: 10.127 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BG054768.D

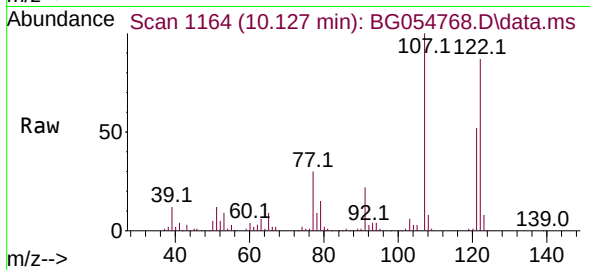
Acq: 29 Aug 2022 11:24

Instrument :

BNA_G

ClientSampleId :

PB147277BS



Tgt Ion:122 Resp: 153666

Ion Ratio Lower Upper

122 100

107 115.3 94.6 142.0

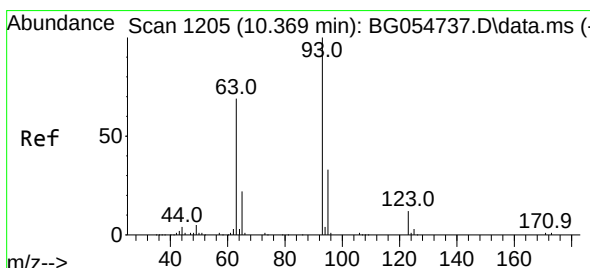
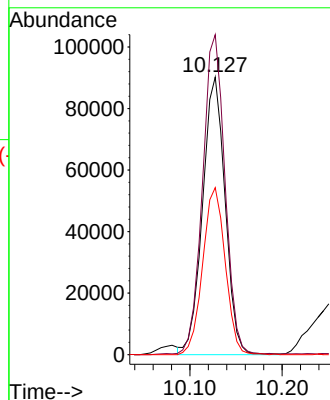
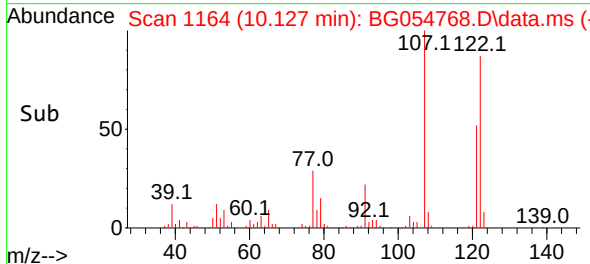
121 60.1 49.8 74.6

Manual Integrations

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Reviewed By :Christian Giraldo 08/30/2022

Supervised By :Jagrut Upadhyay 08/30/2022



#28

bis(2-Chloroethoxy)methane

Concen: 46.797 ng

RT: 10.368 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BG054768.D

Acq: 29 Aug 2022 11:24

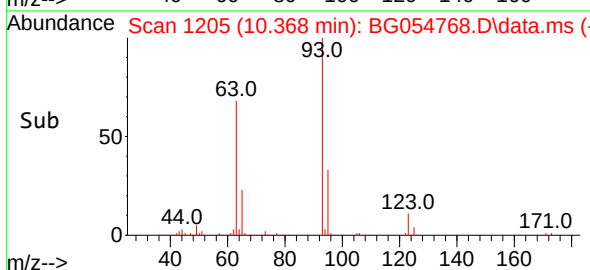
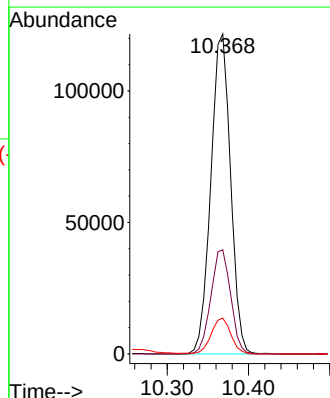
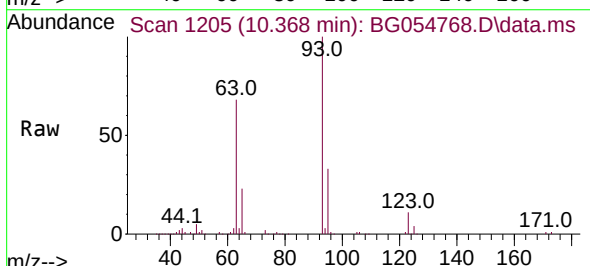
Tgt Ion: 93 Resp: 205118

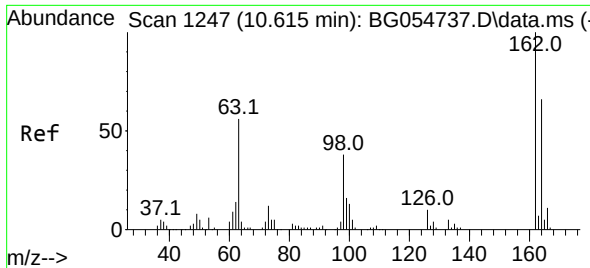
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 11.2 8.4 12.6





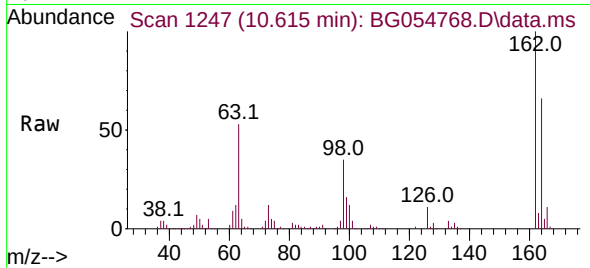
#29
2,4-Dichlorophenol
Concen: 46.518 ng
RT: 10.615 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

Instrument :

BNA_G

ClientSampleId :

PB147277BS

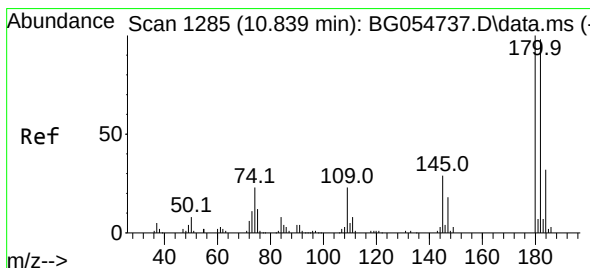
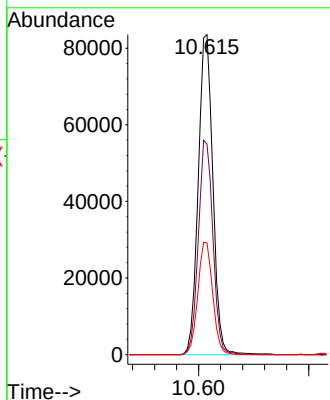
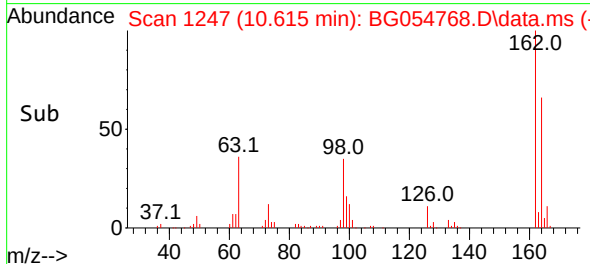


Tgt Ion:162 Resp: 153979
Ion Ratio Lower Upper
162 100
164 65.8 47.2 87.2
98 34.9 16.6 56.6

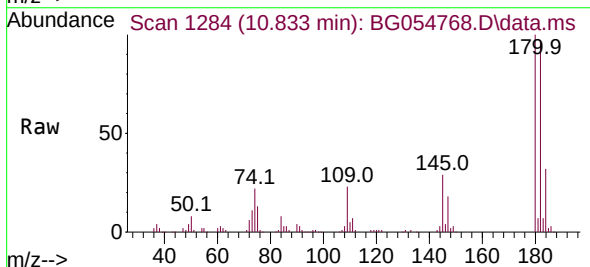
Manual Integrations

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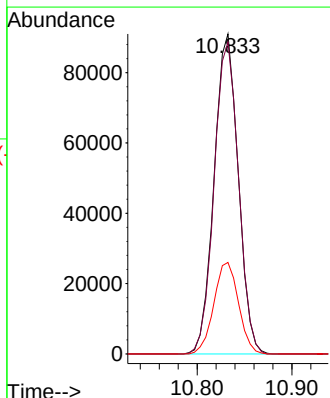
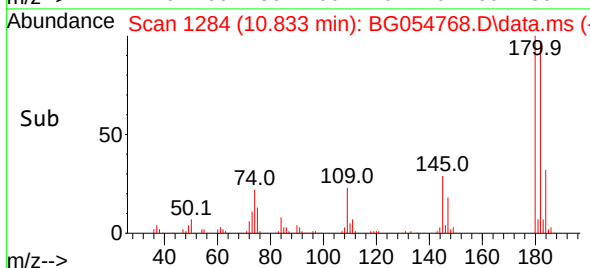
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

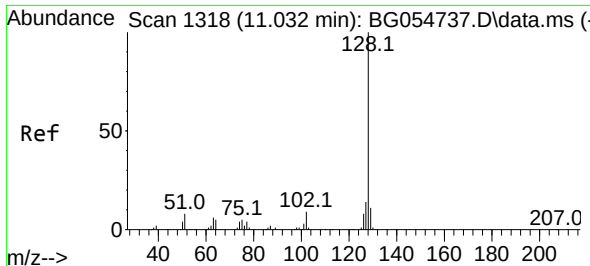


#30
1,2,4-Trichlorobenzene
Concen: 42.454 ng
RT: 10.833 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24



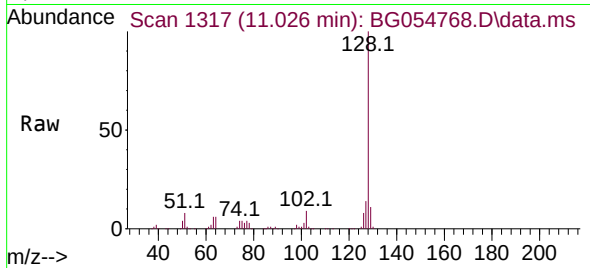
Tgt Ion:180 Resp: 160590
Ion Ratio Lower Upper
180 100
182 97.4 77.0 115.6
145 28.6 24.0 36.0





#31
Naphthalene
Concen: 41.923 ng
RT: 11.026 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

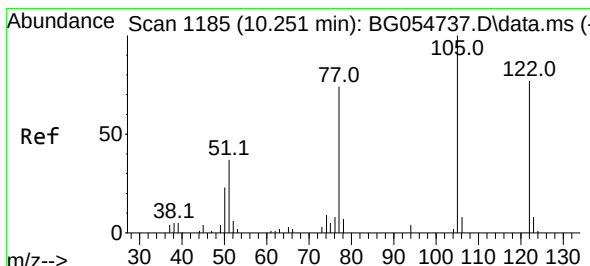
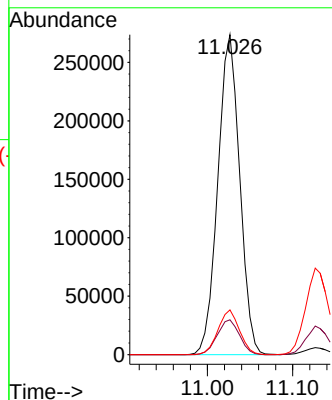
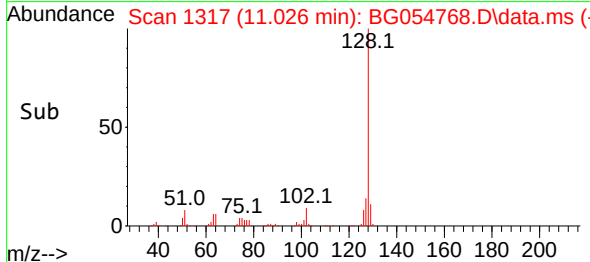
Instrument :
BNA_G
ClientSampleId :
PB147277BS



Tgt Ion:128 Resp: 487115
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 14.0 11.1 16.7

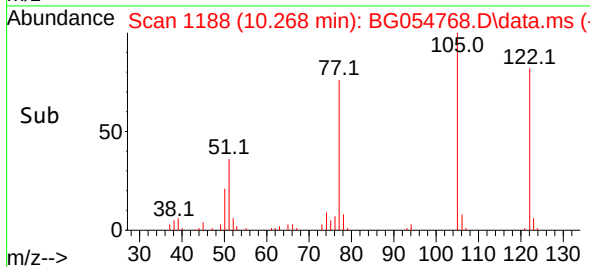
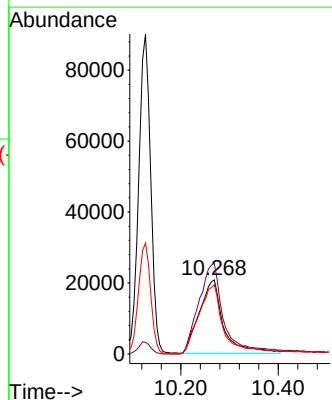
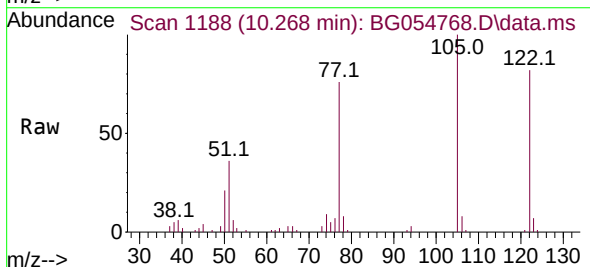
Manual Integrations
APPROVED

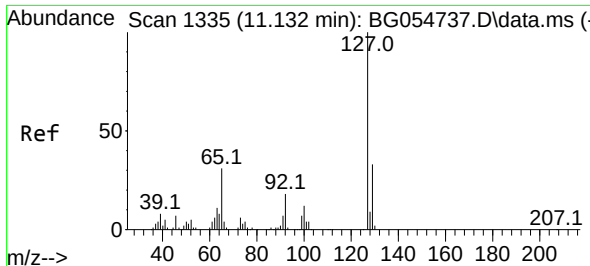
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#32
Benzoic acid
Concen: 36.604 ng
RT: 10.268 min Scan# 1188
Delta R.T. 0.017 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

Tgt Ion:122 Resp: 71454
Ion Ratio Lower Upper
122 100
105 122.1 101.5 141.5
77 93.4 69.3 109.3





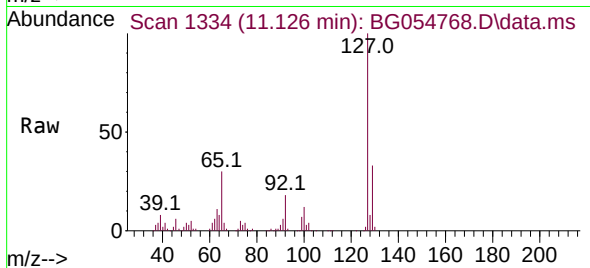
#33
4-Chloroaniline
Concen: 29.581 ng
RT: 11.126 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

Instrument :

BNA_G

ClientSampleId :

PB147277BS

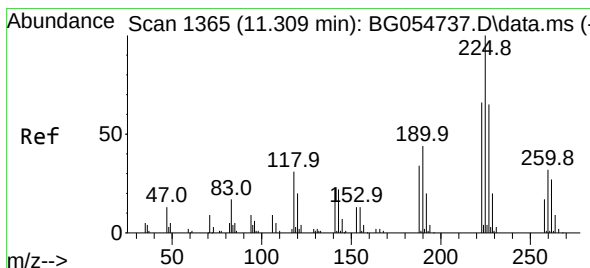
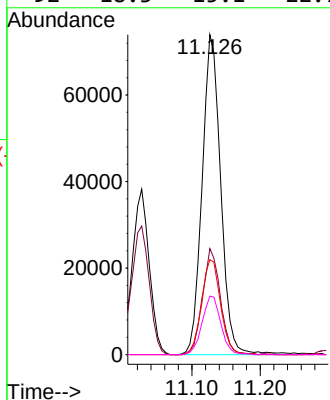
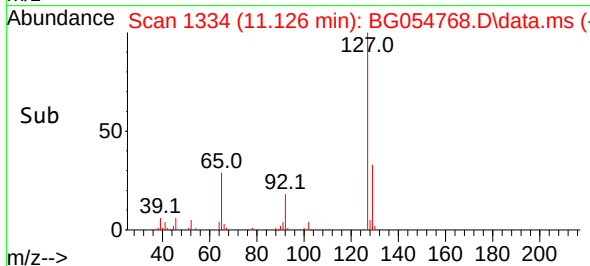


Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.0	39.0
65	29.7	25.8	38.8
92	18.3	15.1	22.7

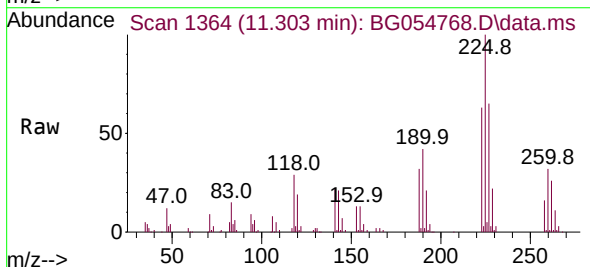
Manual Integrations

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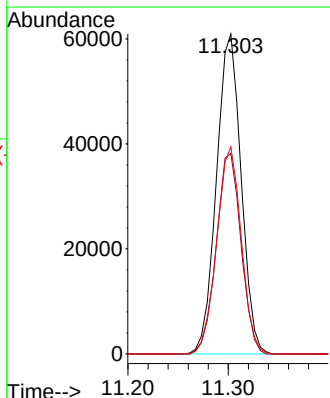
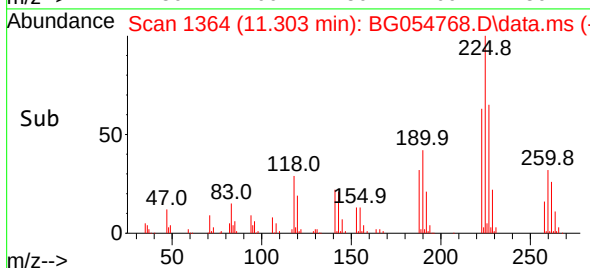
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

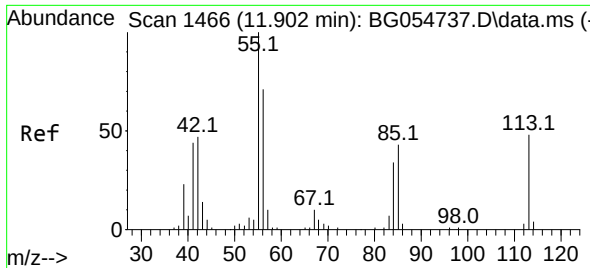


#34
Hexachlorobutadiene
Concen: 42.894 ng
RT: 11.303 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24



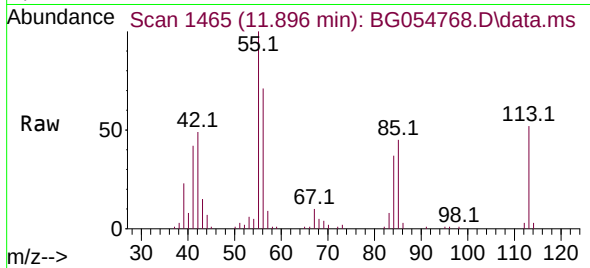
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.4	77.0
227	64.7	52.6	79.0





#35
Caprolactam
Concen: 46.830 ng m
RT: 11.896 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

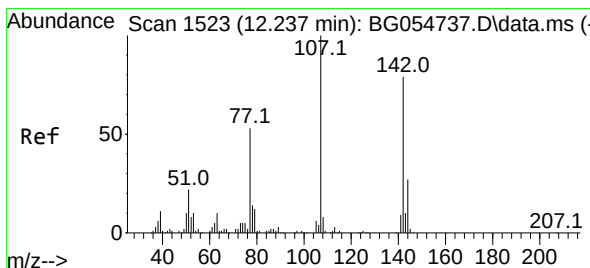
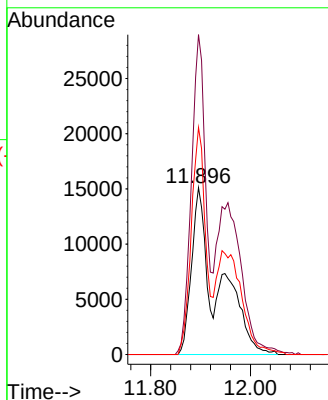
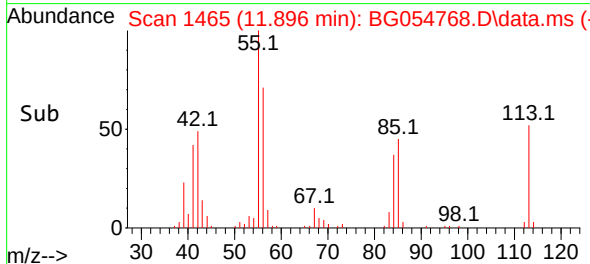
Instrument :
BNA_G
ClientSampleId :
PB147277BS



Tgt Ion:113 Resp: 54688
Ion Ratio Lower Upper
113 100
55 191.6 179.1 219.1
56 136.0 120.8 160.8

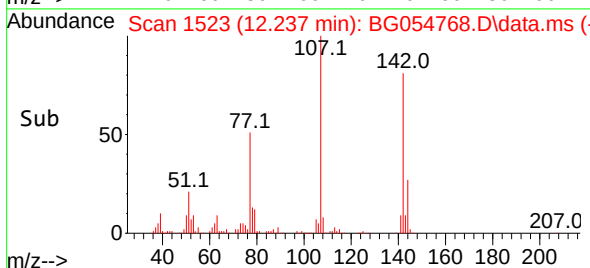
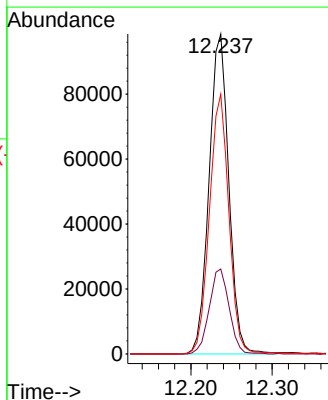
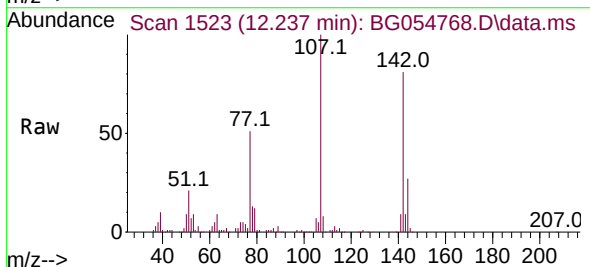
Manual Integrations
APPROVED

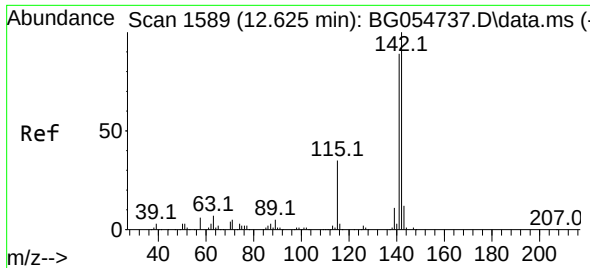
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#36
4-Chloro-3-methylphenol
Concen: 45.898 ng
RT: 12.237 min Scan# 1523
Delta R.T. -0.000 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

Tgt Ion:107 Resp: 166137
Ion Ratio Lower Upper
107 100
144 26.5 22.4 33.6
142 81.1 65.8 98.8





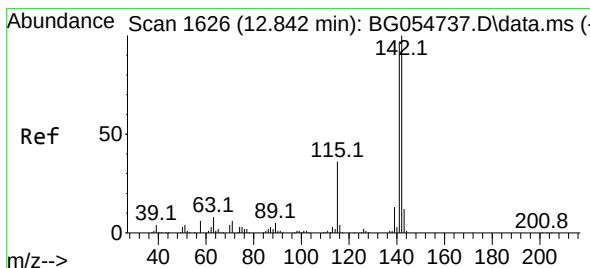
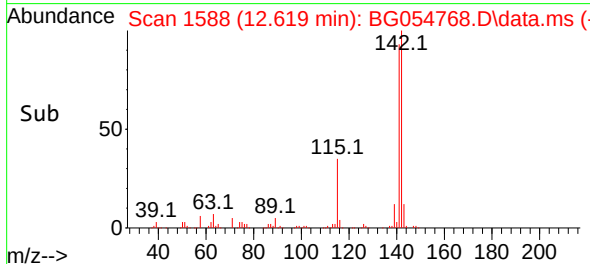
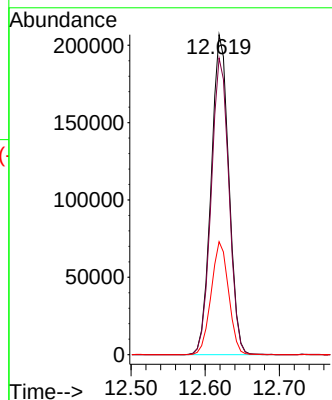
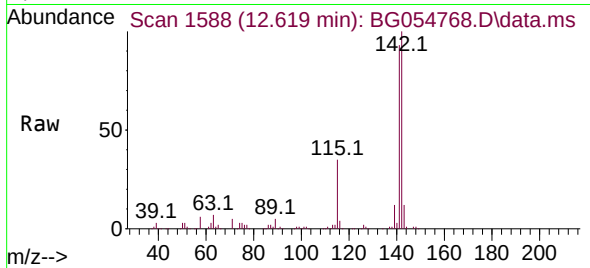
#37
2-Methylnaphthalene
Concen: 42.047 ng
RT: 12.619 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

Instrument :
BNA_G
ClientSampleId :
PB147277BS

Tgt Ion:142 Resp: 342426
Ion Ratio Lower Upper
142 100
141 92.7 73.0 109.4
115 35.3 27.3 40.9

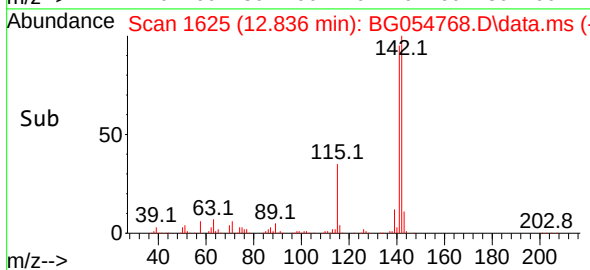
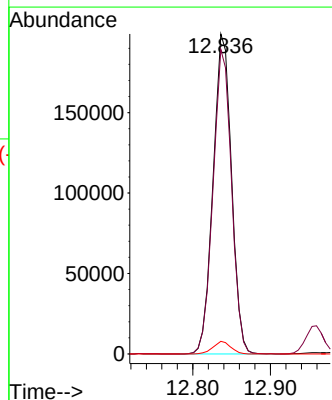
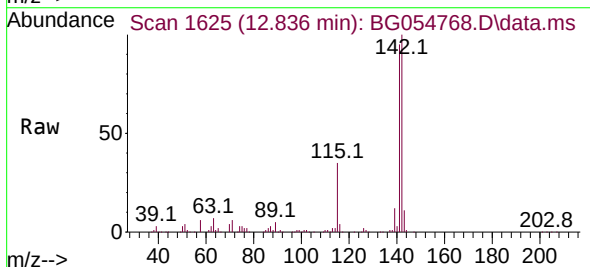
Manual Integrations
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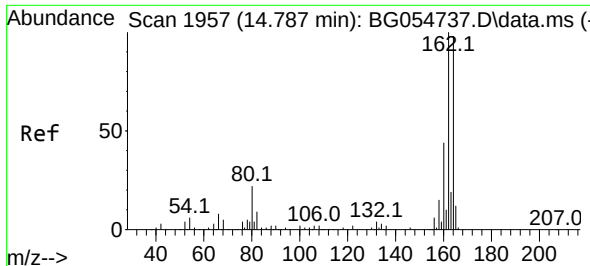
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#38
1-Methylnaphthalene
Concen: 41.529 ng
RT: 12.836 min Scan# 1625
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

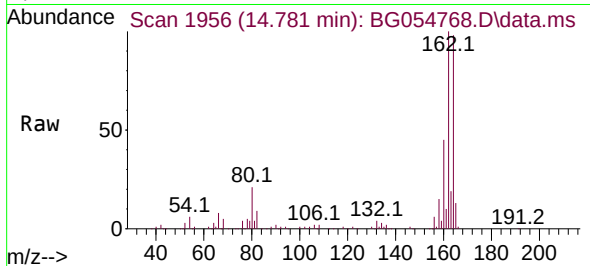
Tgt Ion:142 Resp: 329045
Ion Ratio Lower Upper
142 100
141 95.1 77.4 116.0
116 3.9 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

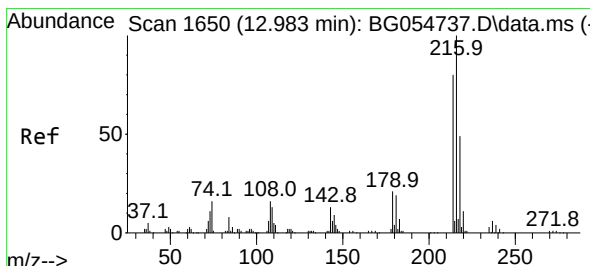
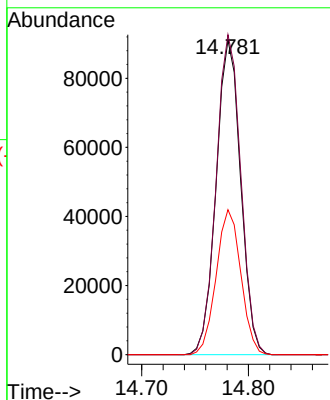
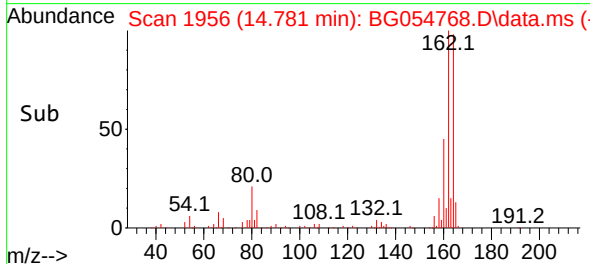
Instrument :
BNA_G
ClientSampleId :
PB147277BS



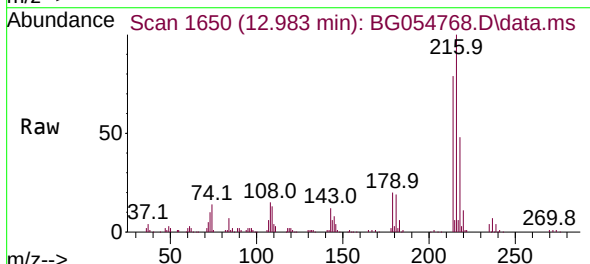
Tgt Ion:164 Resp: 144986
Ion Ratio Lower Upper
164 100
162 101.8 83.0 124.4
160 46.1 38.0 57.0

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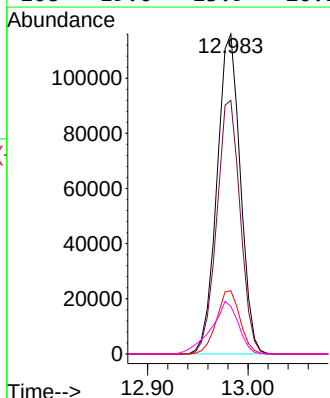
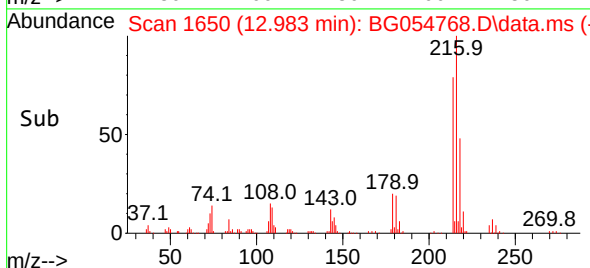
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

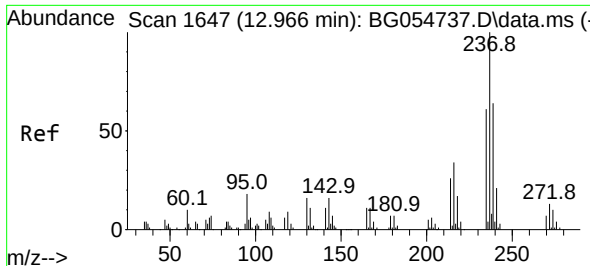


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.977 ng
RT: 12.983 min Scan# 1650
Delta R.T. -0.000 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24



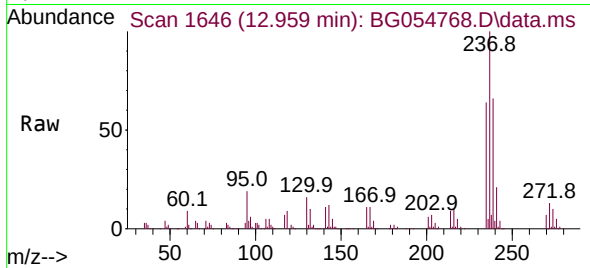
Tgt Ion:216 Resp: 187832
Ion Ratio Lower Upper
216 100
214 79.6 63.2 94.8
179 19.9 16.5 24.7
108 19.0 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 106.997 ng
RT: 12.959 min Scan# 10
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

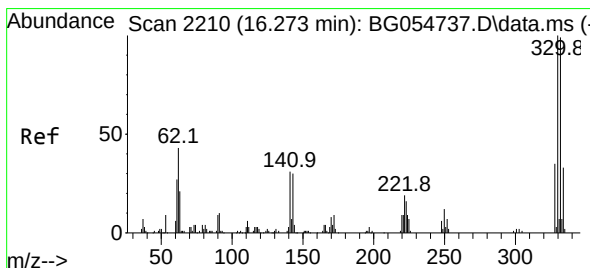
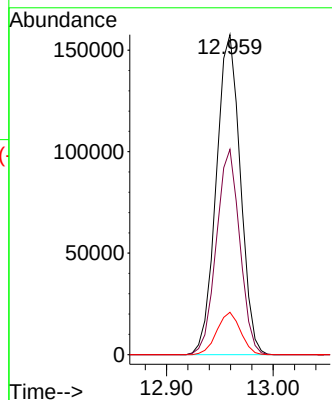
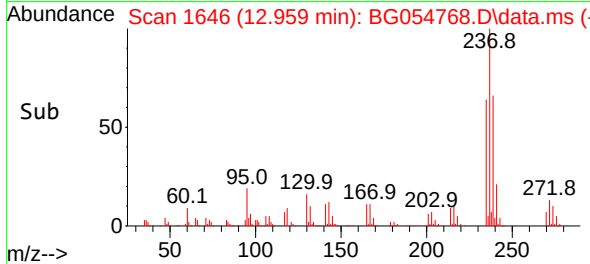
Instrument :
BNA_G
ClientSampleId :
PB147277BS



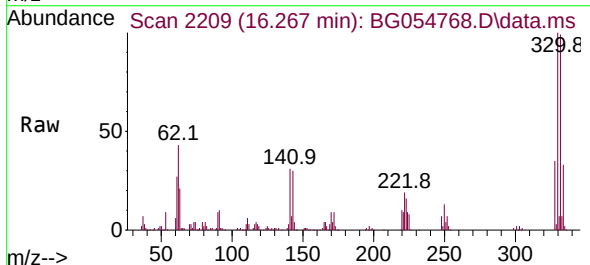
Tgt Ion: 237 Resp: 248001
Ion Ratio Lower Upper
237 100
235 64.1 42.2 82.2
272 13.2 0.0 34.0

Manual Integrations
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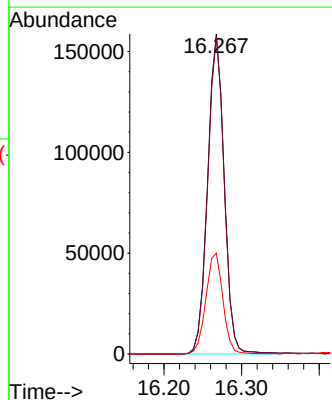
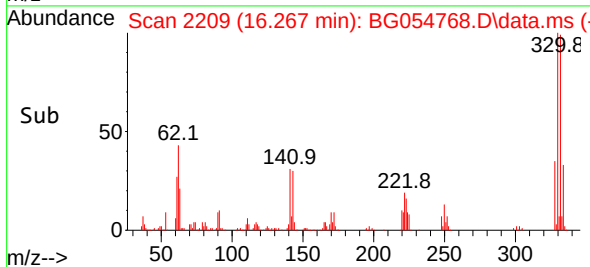
Reviewed By : Christian Giraldo 08/30/2022
Supervised By : Jagrut Upadhyay 08/30/2022

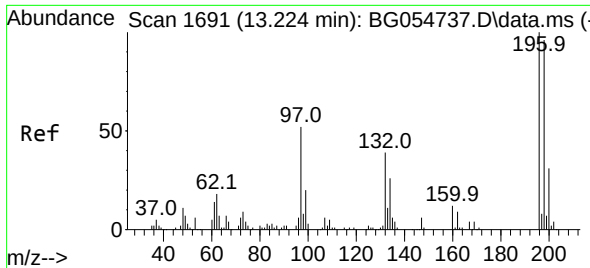


#42
2,4,6-Tribromophenol
Concen: 130.109 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24



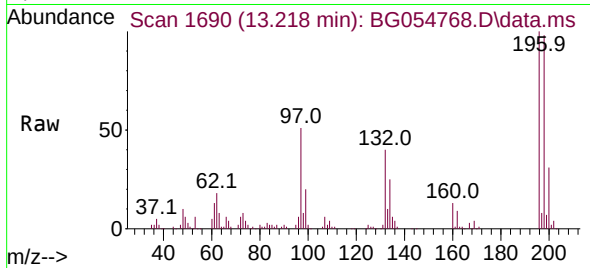
Tgt Ion: 330 Resp: 235718
Ion Ratio Lower Upper
330 100
332 99.0 79.8 119.6
141 32.4 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 44.286 ng
RT: 13.218 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

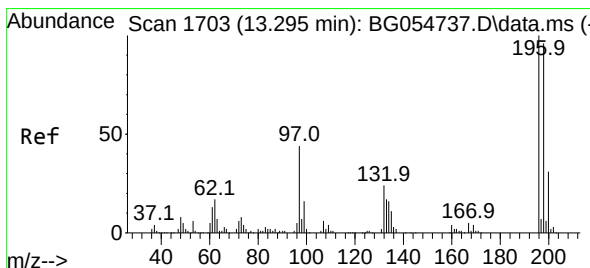
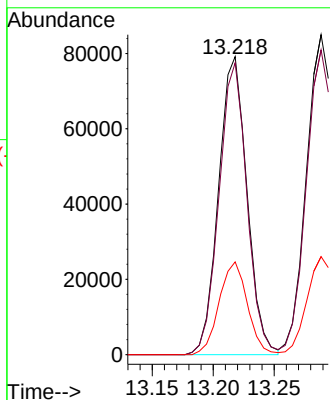
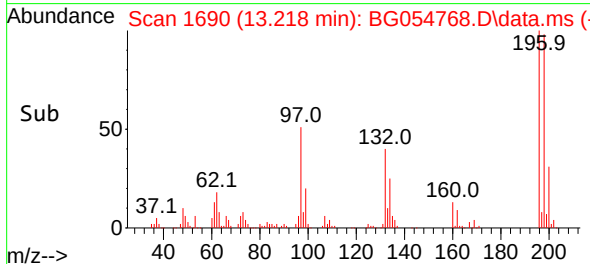
Instrument :
BNA_G
ClientSampleId :
PB147277BS



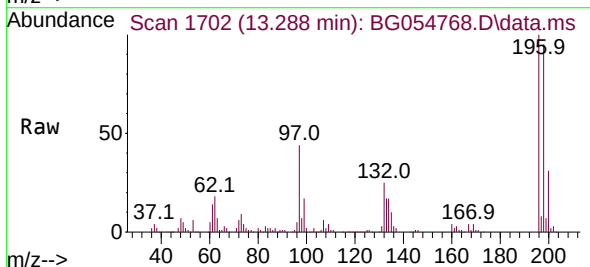
Tgt Ion:196 Resp: 128476
Ion Ratio Lower Upper
196 100
198 97.9 77.1 115.7
200 31.1 24.2 36.4

Manual Integrations
APPROVED

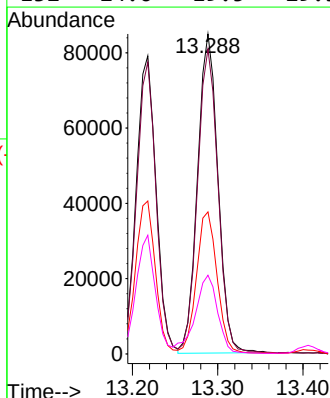
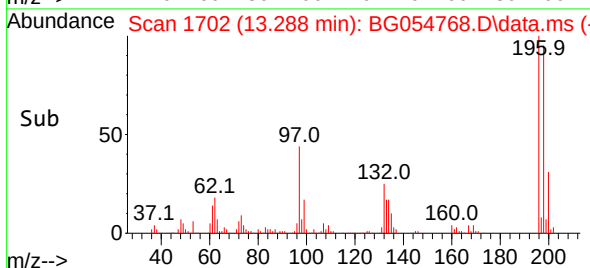
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

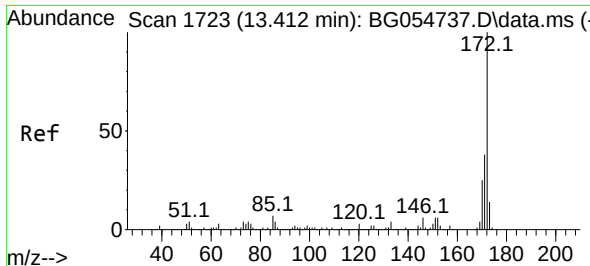


#44
2,4,5-Trichlorophenol
Concen: 43.447 ng
RT: 13.288 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24



Tgt Ion:196 Resp: 141544
Ion Ratio Lower Upper
196 100
198 95.2 76.7 115.1
97 44.4 36.6 55.0
132 24.6 19.5 29.3





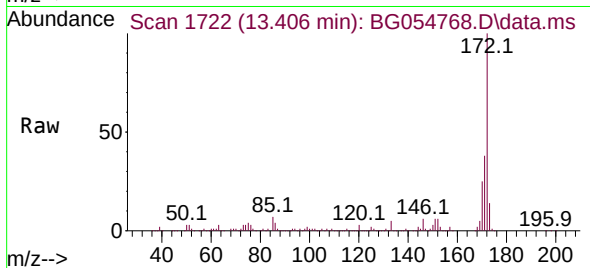
#45
2-Fluorobiphenyl
Concen: 78.769 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

Instrument :

BNA_G

ClientSampleId :

PB147277BS

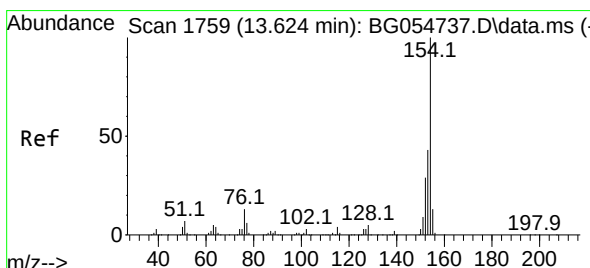
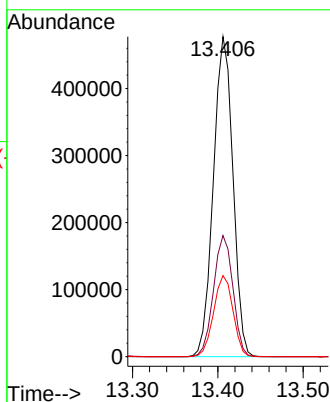
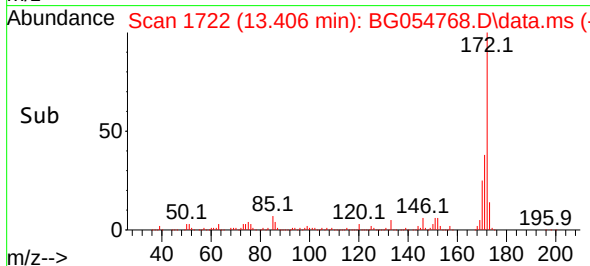


Tgt Ion:172 Resp: 759833
Ion Ratio Lower Upper
172 100
171 37.9 31.2 46.8
170 25.3 20.6 30.8

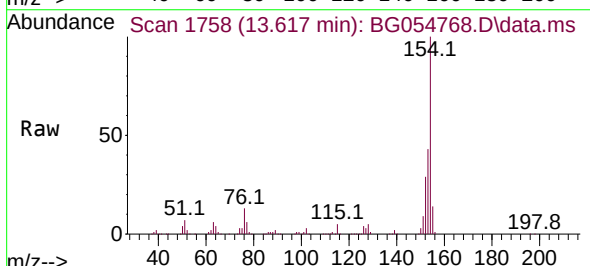
Manual Integrations

APPROVED

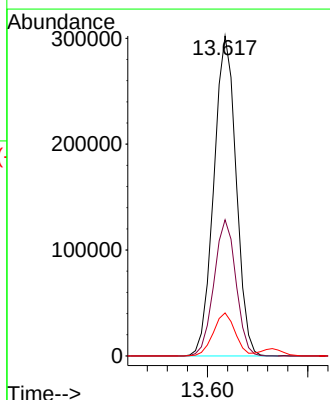
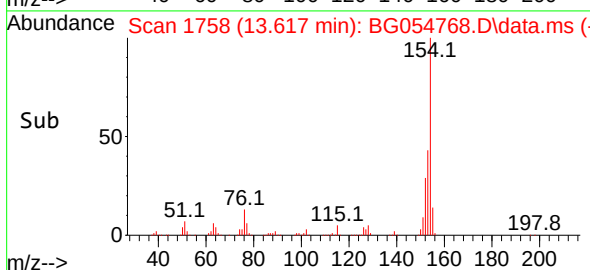
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

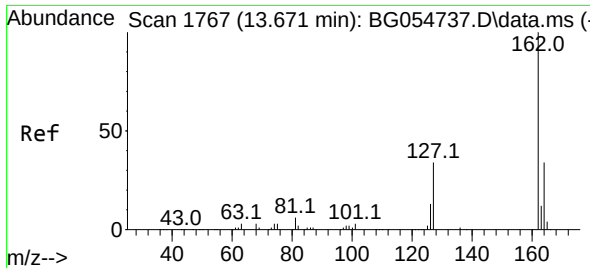


#46
1,1'-Biphenyl
Concen: 43.230 ng
RT: 13.617 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24



Tgt Ion:154 Resp: 465440
Ion Ratio Lower Upper
154 100
153 42.5 22.2 62.2
76 13.4 0.0 34.0





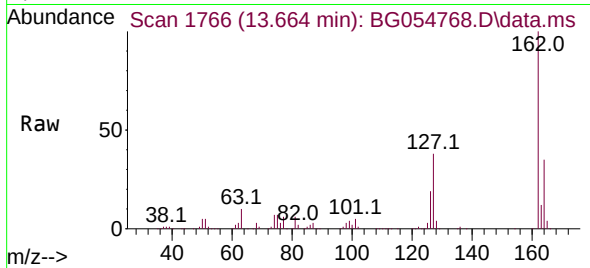
#47
2-Chloronaphthalene
Concen: 42.217 ng
RT: 13.664 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

Instrument :

BNA_G

ClientSampleId :

PB147277BS

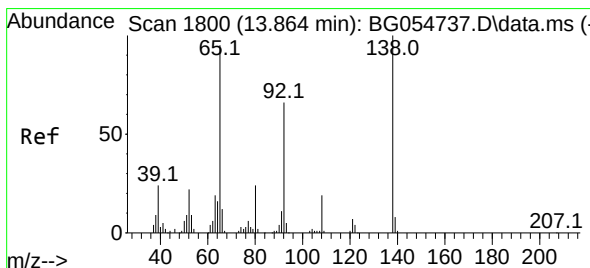
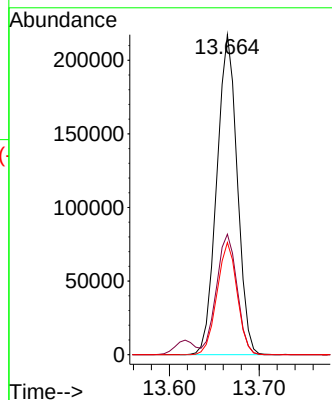
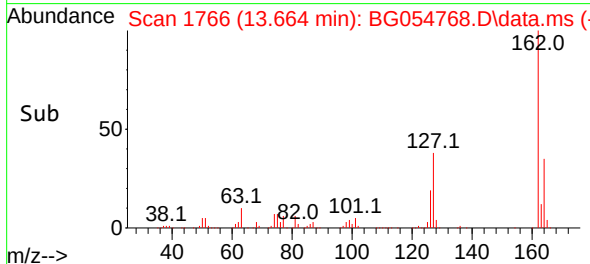


Tgt Ion:162 Resp: 345200
Ion Ratio Lower Upper
162 100
127 37.6 31.5 47.3
164 35.0 27.8 41.6

Manual Integrations

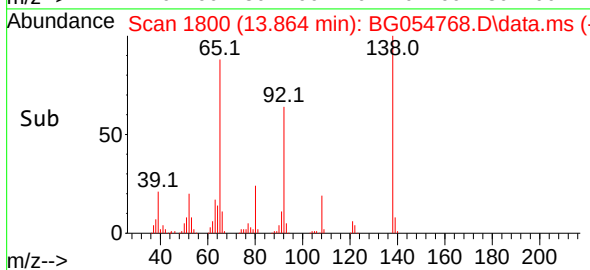
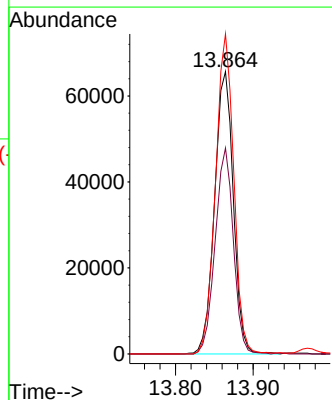
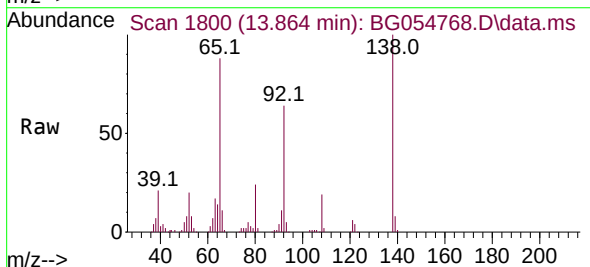
APPROVED

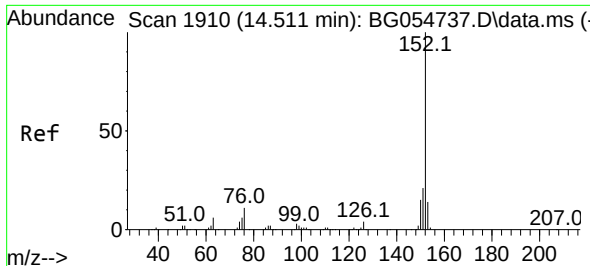
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#48
2-Nitroaniline
Concen: 42.978 ng
RT: 13.864 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

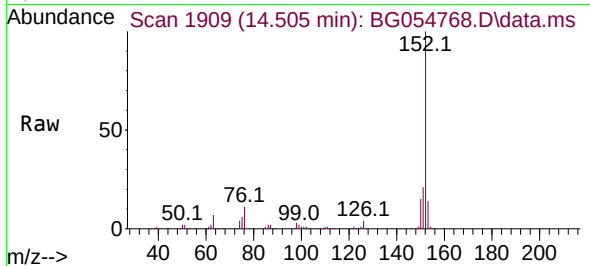
Tgt Ion: 65 Resp: 110136
Ion Ratio Lower Upper
65 100
92 72.9 54.7 82.1
138 113.4 84.1 126.1





#49
Acenaphthylene
Concen: 42.278 ng
RT: 14.505 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

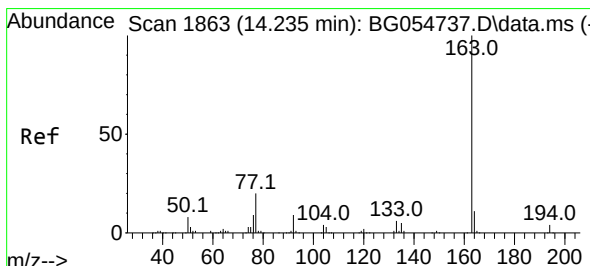
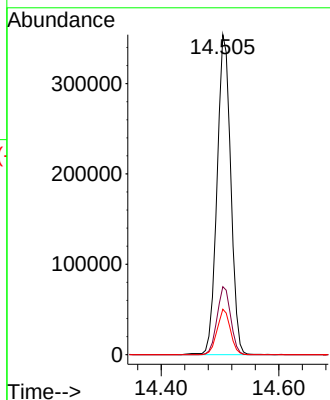
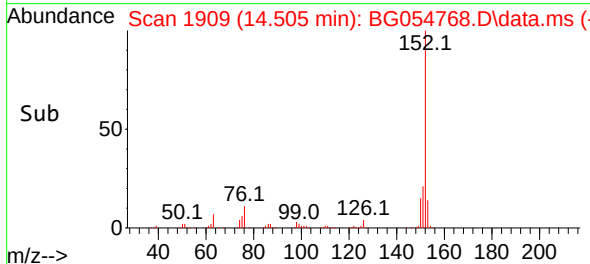
Instrument :
BNA_G
ClientSampleId :
PB147277BS



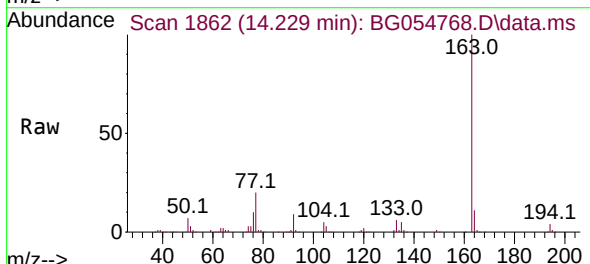
Tgt Ion:152 Resp: 570476
Ion Ratio Lower Upper
152 100
151 21.2 17.3 25.9
153 14.2 10.8 16.2

Manual Integrations
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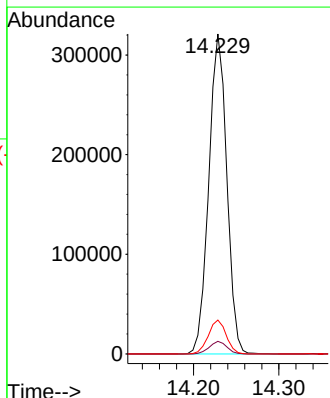
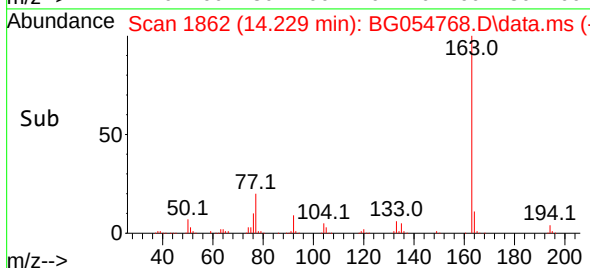
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

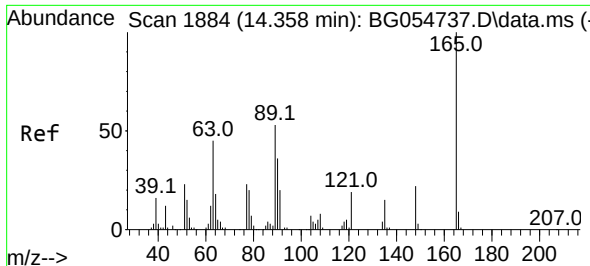


#50
Dimethylphthalate
Concen: 42.168 ng
RT: 14.229 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24



Tgt Ion:163 Resp: 471015
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.6 8.0 12.0





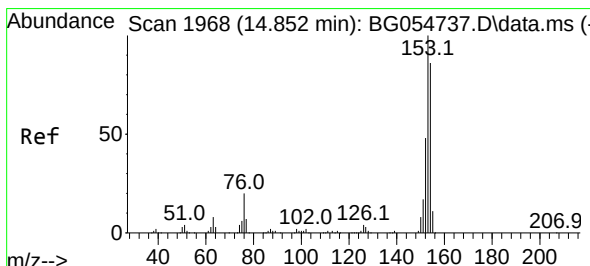
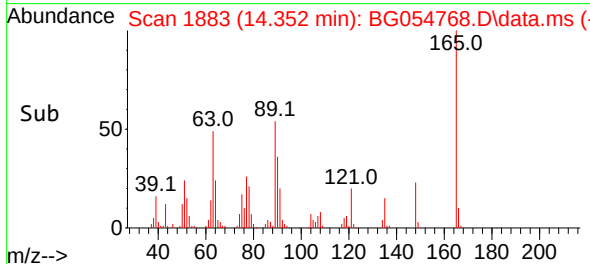
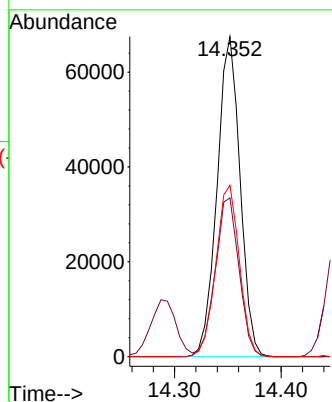
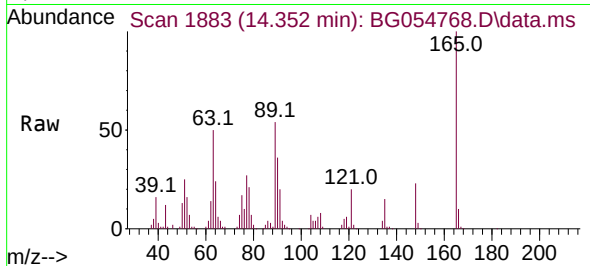
#51
2,6-Dinitrotoluene
Concen: 44.366 ng
RT: 14.352 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

Instrument :
BNA_G
ClientSampleId :
PB147277BS

Tgt Ion:165 Resp: 101363
Ion Ratio Lower Upper
165 100
63 49.6 46.0 69.0
89 53.6 50.3 75.5

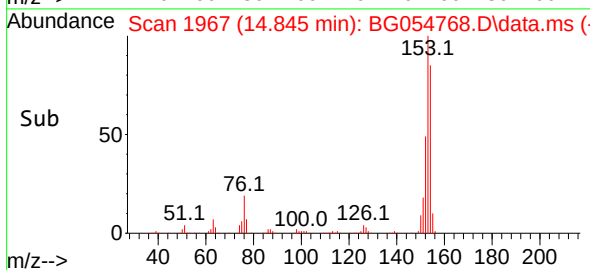
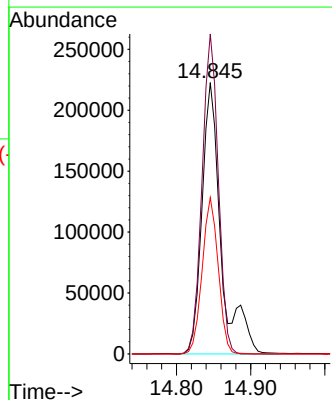
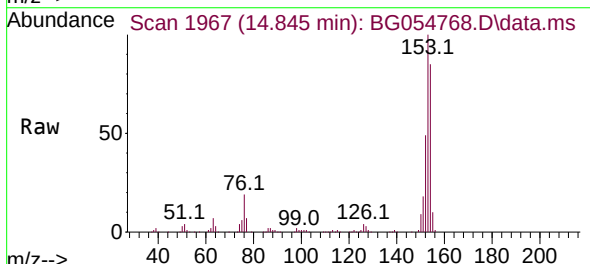
Manual Integrations
APPROVED

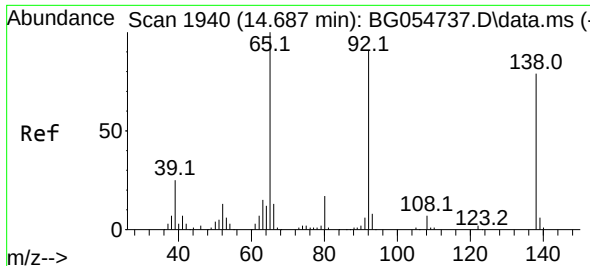
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#52
Acenaphthene
Concen: 46.048 ng m
RT: 14.845 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

Tgt Ion:154 Resp: 399123
Ion Ratio Lower Upper
154 100
153 118.0 92.8 139.2
152 57.6 45.4 68.2





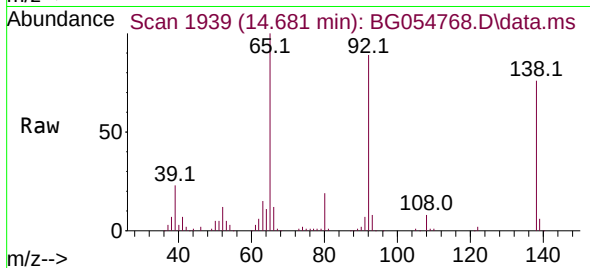
#53
3-Nitroaniline
Concen: 33.976 ng
RT: 14.681 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

Instrument :

BNA_G

ClientSampleId :

PB147277BS

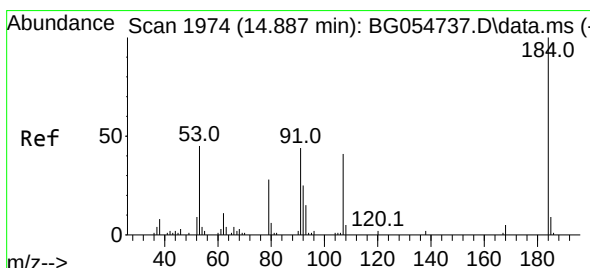
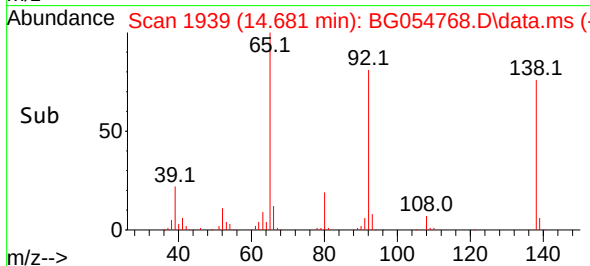
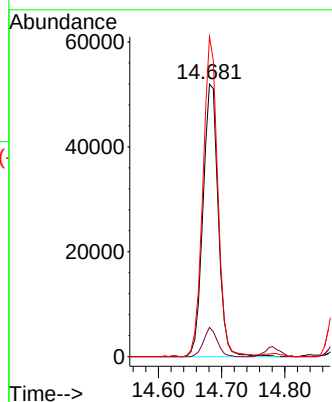


Tgt Ion:138 Resp: 8689
Ion Ratio Lower Upper
138 100
108 10.7 7.6 11.4
92 117.4 96.0 144.0

Manual Integrations

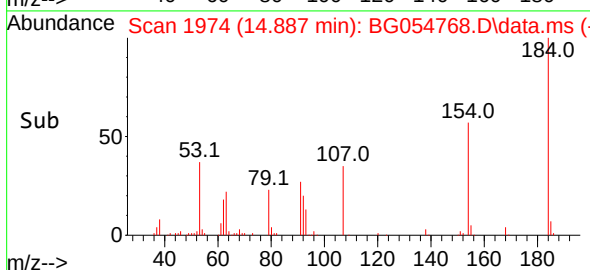
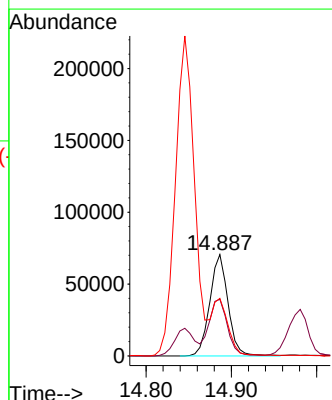
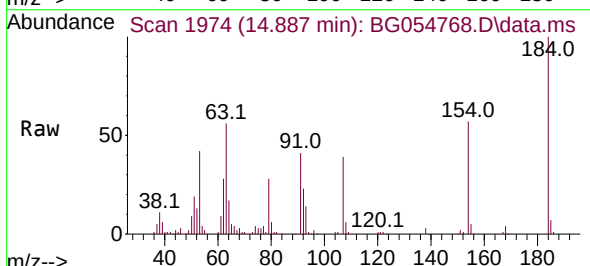
APPROVED

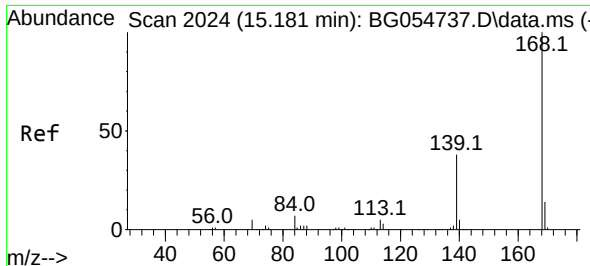
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#54
2,4-Dinitrophenol
Concen: 80.883 ng
RT: 14.887 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

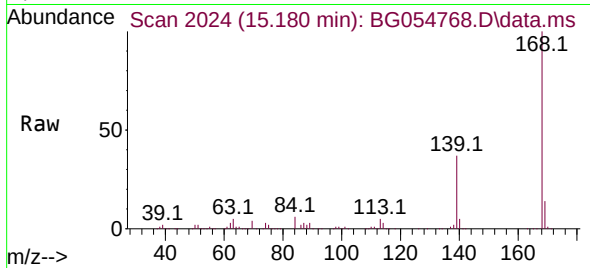
Tgt Ion:184 Resp: 104393
Ion Ratio Lower Upper
184 100
63 55.7 41.8 62.8
154 56.7 45.2 67.8





#55
Dibenzofuran
Concen: 42.332 ng
RT: 15.180 min Scan# 20
Delta R.T. -0.000 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

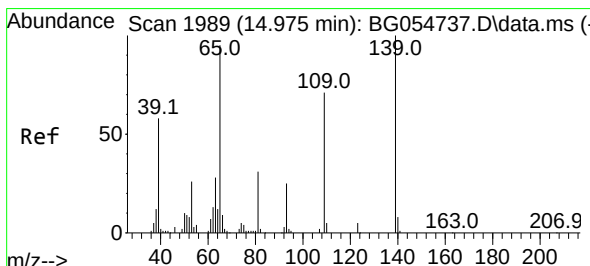
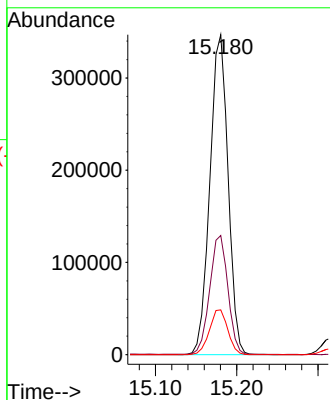
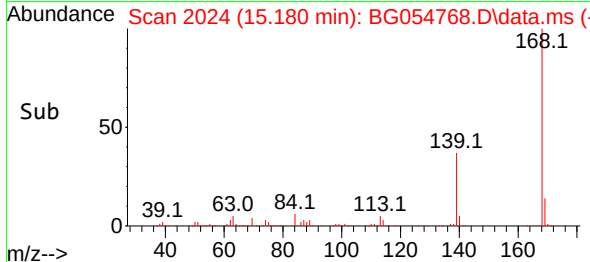
Instrument :
BNA_G
ClientSampleId :
PB147277BS



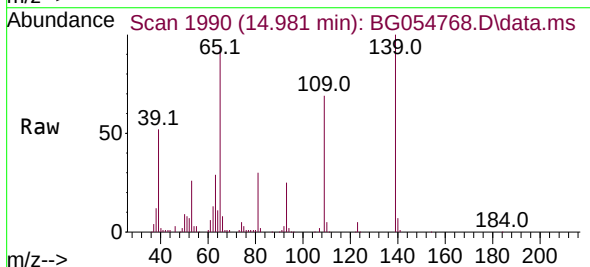
Tgt Ion:168 Resp: 539144
Ion Ratio Lower Upper
168 100
139 37.2 30.2 45.2
169 14.0 11.3 16.9

Manual Integrations
APPROVED

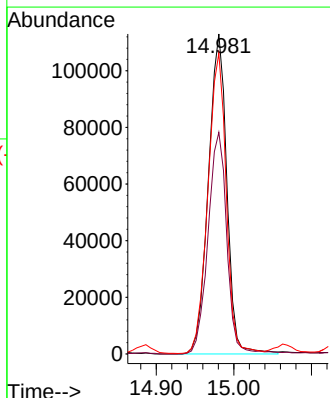
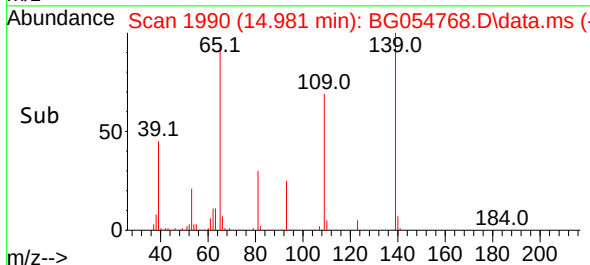
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

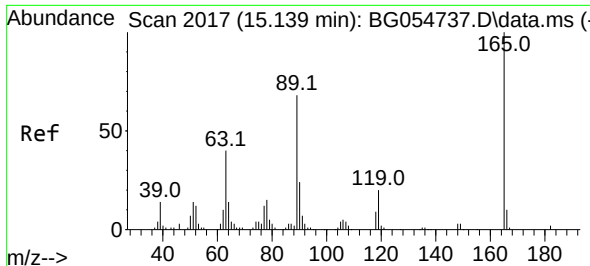


#56
4-Nitrophenol
Concen: 94.269 ng
RT: 14.981 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24



Tgt Ion:139 Resp: 186578
Ion Ratio Lower Upper
139 100
109 69.2 50.5 90.5
65 93.9 79.9 119.9





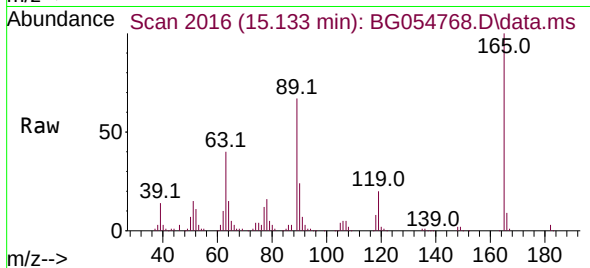
#57
2,4-Dinitrotoluene
Concen: 45.632 ng
RT: 15.133 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

Instrument :

BNA_G

ClientSampleId :

PB147277BS

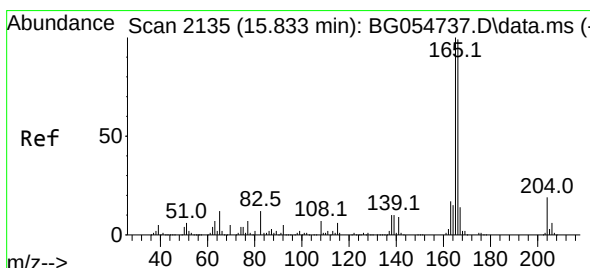
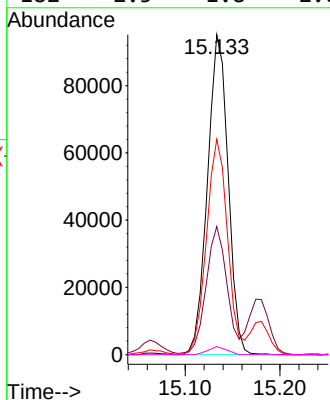
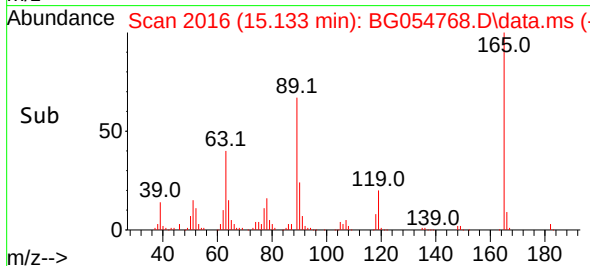


Tgt Ion:165 Resp: 144203
Ion Ratio Lower Upper
165 100
63 40.0 36.8 55.2
89 67.3 64.3 96.5
182 2.5 1.8 2.6

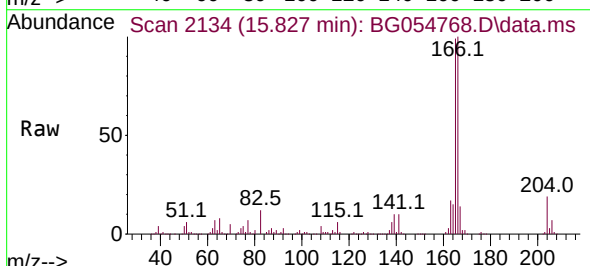
Manual Integrations

APPROVED

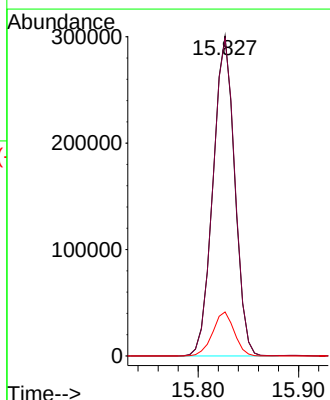
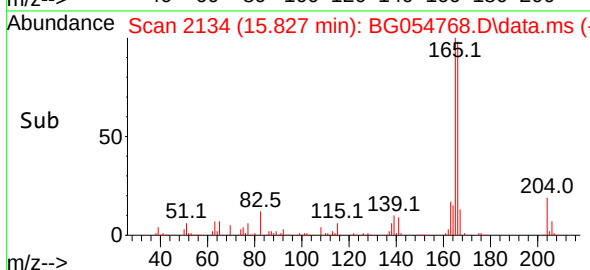
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

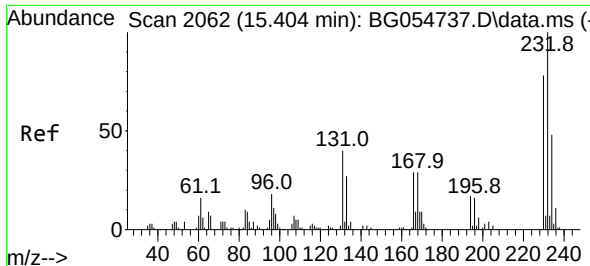


#58
Fluorene
Concen: 42.031 ng
RT: 15.827 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24



Tgt Ion:166 Resp: 450960
Ion Ratio Lower Upper
166 100
165 99.2 80.8 121.2
167 13.7 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.690 ng
RT: 15.398 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

Instrument :

BNA_G

ClientSampleId :

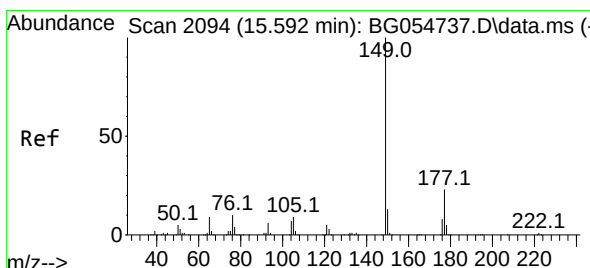
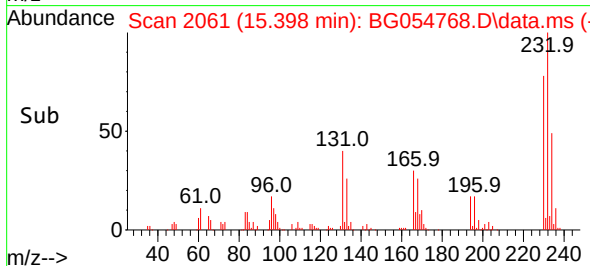
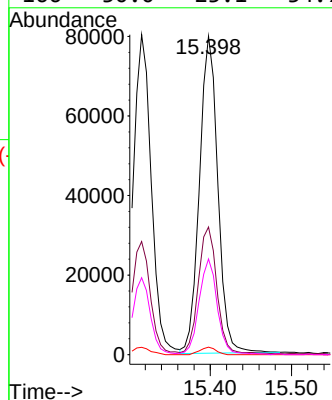
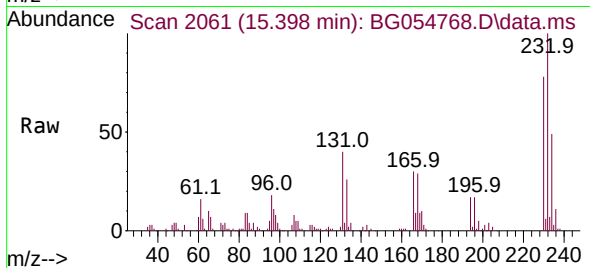
PB147277BS

Tgt Ion:232 Resp: 125372
Ion Ratio Lower Upper
232 100
131 40.8 31.3 46.9
130 2.1 1.8 2.6
166 30.0 23.1 34.7

Manual Integrations

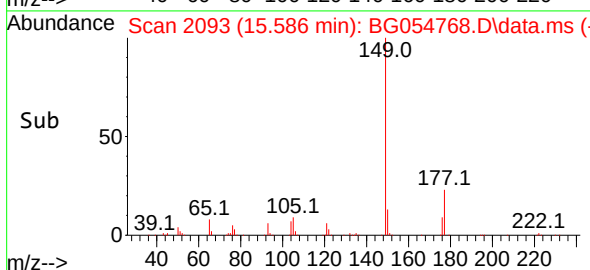
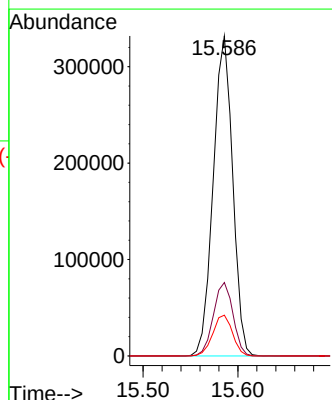
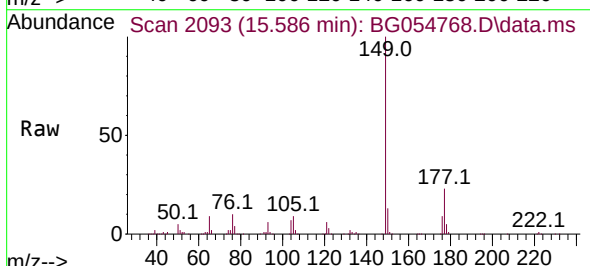
APPROVED

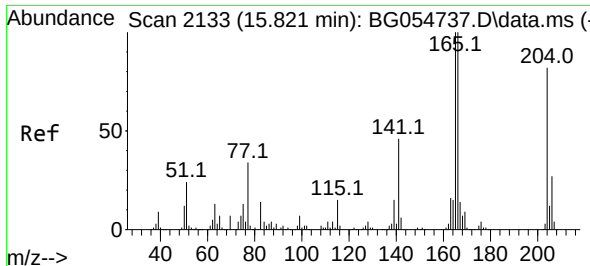
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#60
Diethylphthalate
Concen: 42.343 ng
RT: 15.586 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

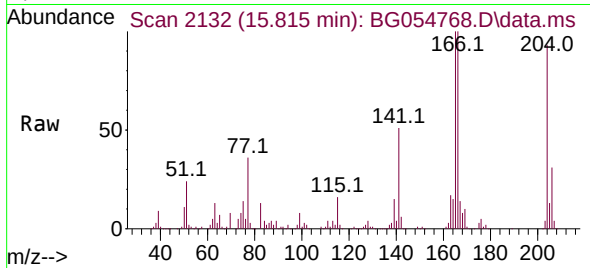
Tgt Ion:149 Resp: 472290
Ion Ratio Lower Upper
149 100
177 22.9 17.8 26.6
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.784 ng
RT: 15.815 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

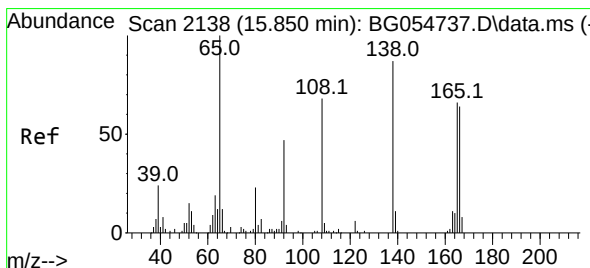
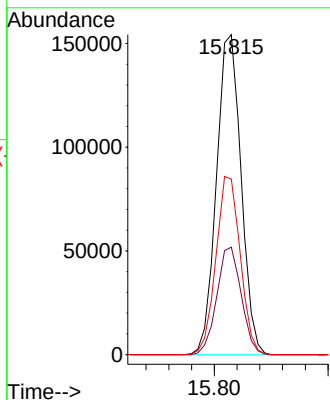
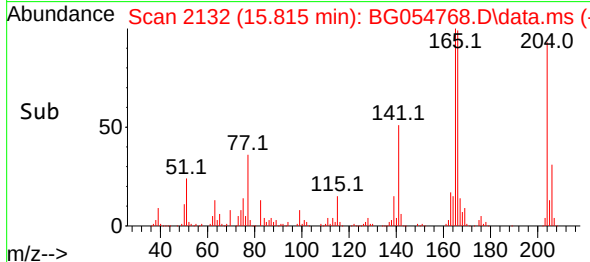
Instrument :
BNA_G
ClientSampleId :
PB147277BS



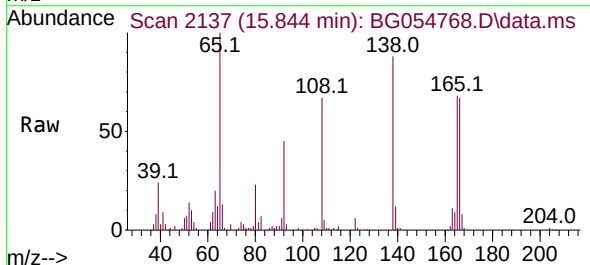
Tgt Ion:204 Resp: 231748
Ion Ratio Lower Upper
204 100
206 33.6 26.6 39.8
141 54.9 44.9 67.3

Manual Integrations
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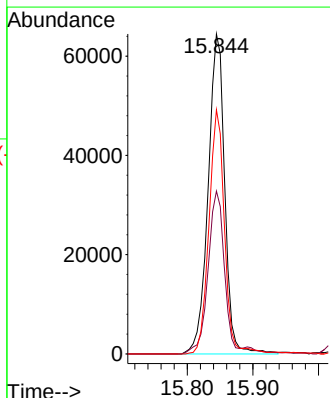
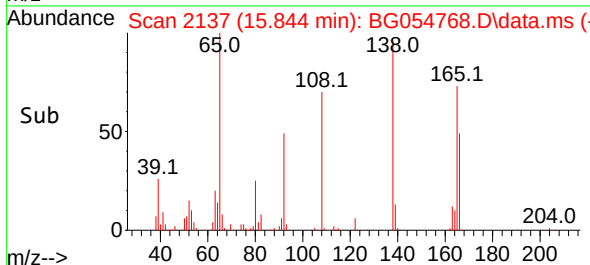
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

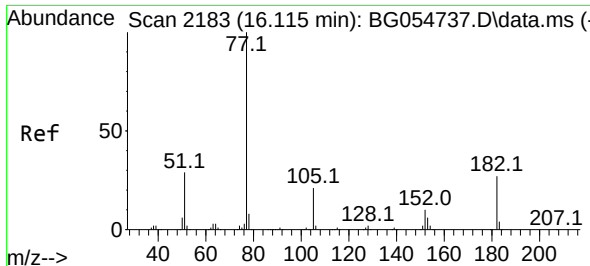


#62
4-Nitroaniline
Concen: 43.471 ng
RT: 15.844 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24



Tgt Ion:138 Resp: 113512
Ion Ratio Lower Upper
138 100
92 50.9 34.7 74.7
108 76.3 56.2 96.2





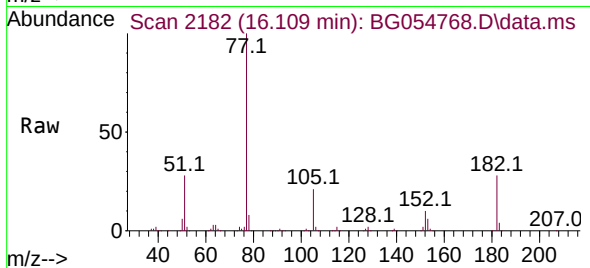
#63
Azobenzene
Concen: 40.829 ng
RT: 16.109 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

Instrument :

BNA_G

ClientSampleId :

PB147277BS

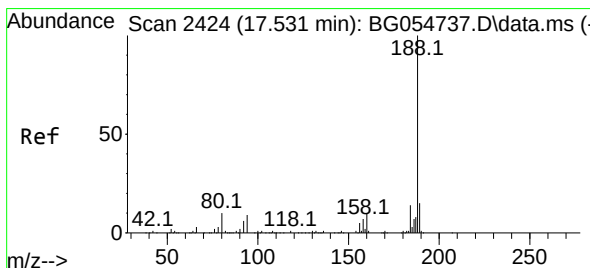
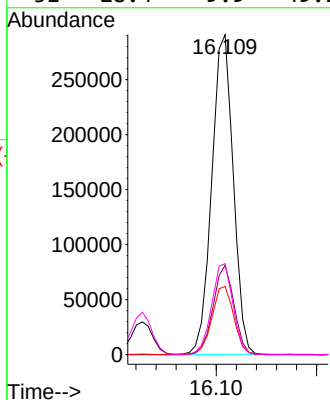
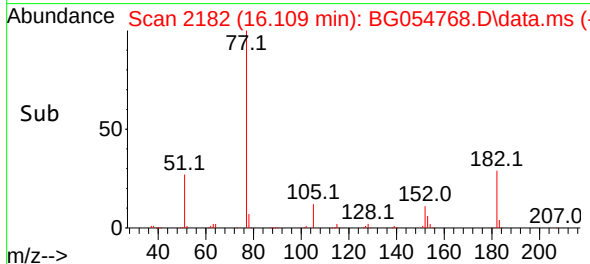


Tgt Ion: 77 Resp: 432791
Ion Ratio Lower Upper
77 100
182 27.9 5.1 45.1
105 21.3 0.7 40.7
51 28.4 9.9 49.9

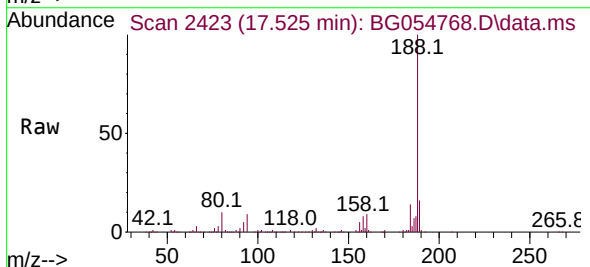
Manual Integrations

APPROVED

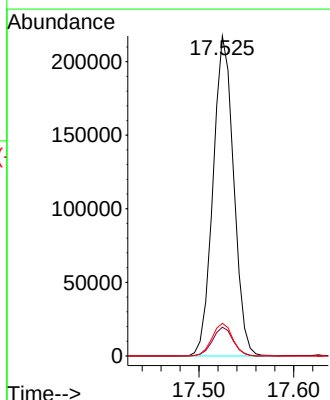
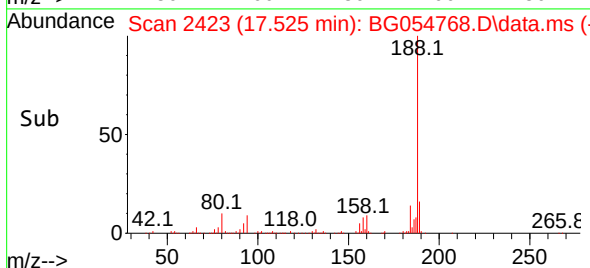
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

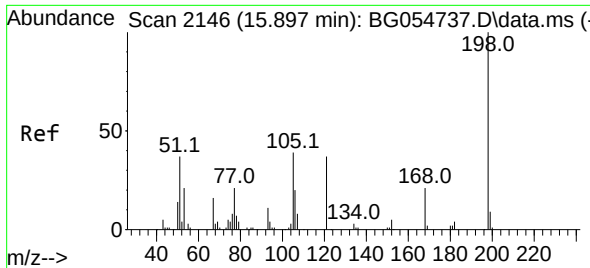


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.525 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24



Tgt Ion:188 Resp: 328366
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 10.2 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 42.564 ng
RT: 15.897 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

Instrument :

BNA_G

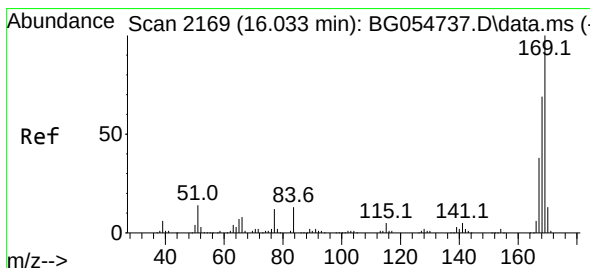
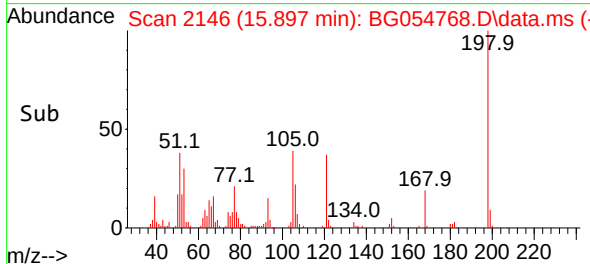
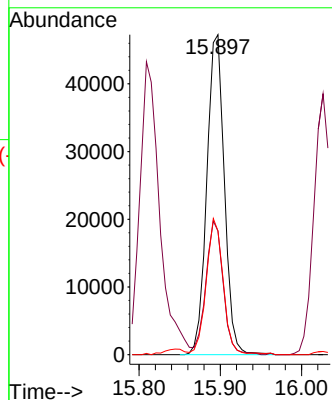
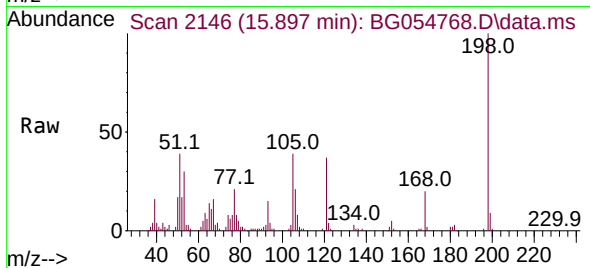
ClientSampleId :

PB147277BS

Tgt Ion:198 Resp: 71144
Ion Ratio Lower Upper
198 100
51 38.6 19.9 59.9
105 38.6 20.3 60.3

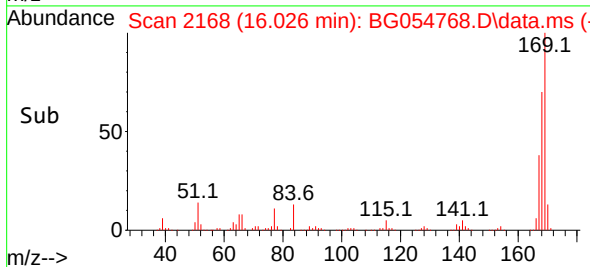
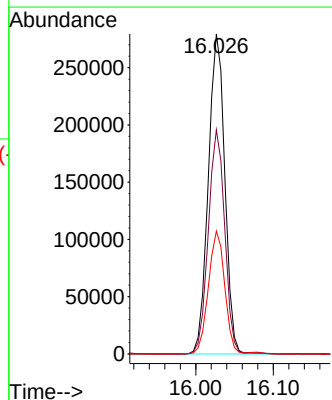
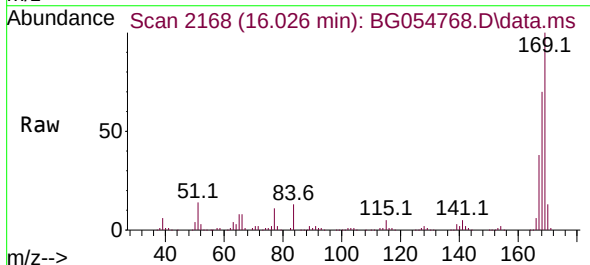
Manual Integrations
APPROVED

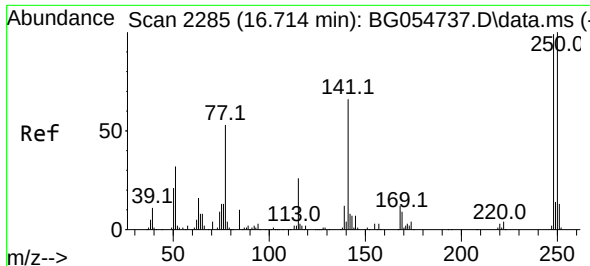
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#66
n-Nitrosodiphenylamine
Concen: 43.497 ng
RT: 16.026 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

Tgt Ion:169 Resp: 411899
Ion Ratio Lower Upper
169 100
168 70.0 55.6 83.4
167 38.4 30.9 46.3





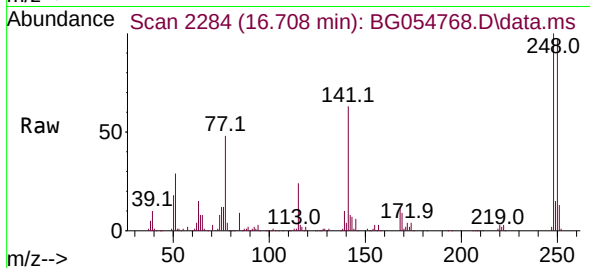
#67
4-Bromophenyl-phenylether
Concen: 45.209 ng
RT: 16.708 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

Instrument :

BNA_G

ClientSampleId :

PB147277BS

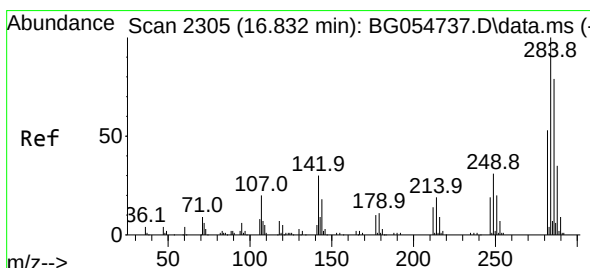
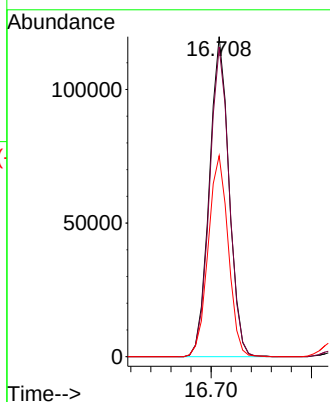
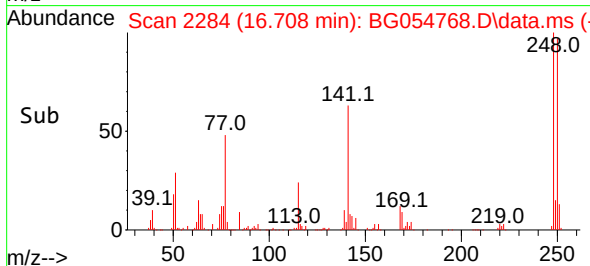


Tgt Ion:248 Resp: 162986
Ion Ratio Lower Upper
248 100
250 96.8 78.8 118.2
141 62.8 51.9 77.9

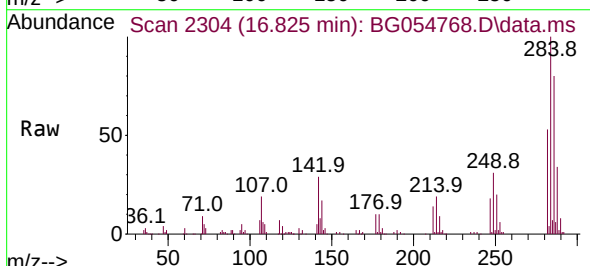
Manual Integrations

APPROVED

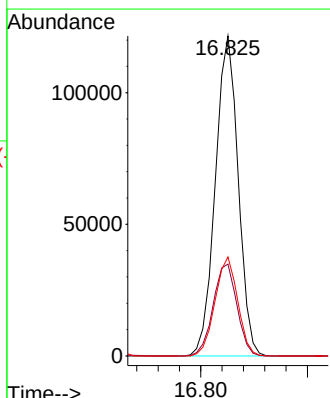
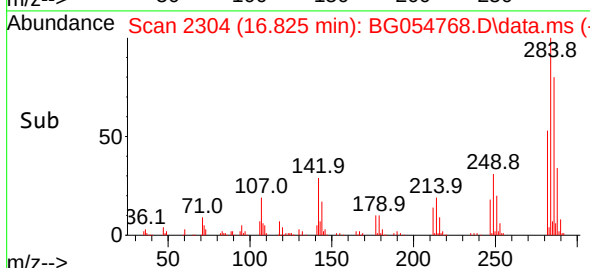
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

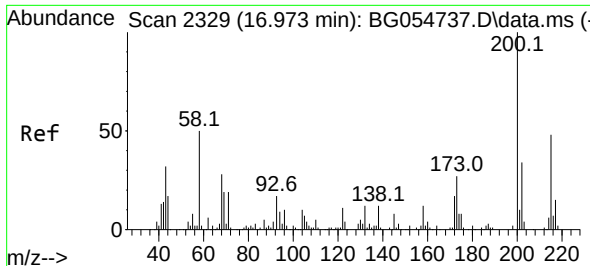


#68
Hexachlorobenzene
Concen: 44.626 ng
RT: 16.825 min Scan# 2304
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24



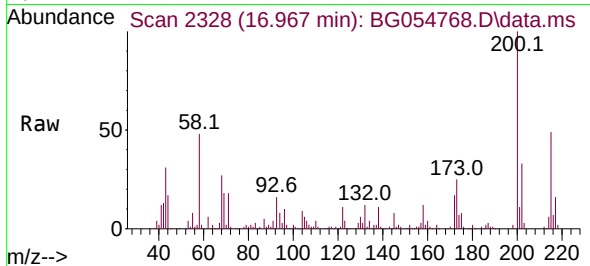
Tgt Ion:284 Resp: 180863
Ion Ratio Lower Upper
284 100
142 28.7 25.0 37.6
249 30.9 24.5 36.7





#69
Atrazine
Concen: 47.484 ng
RT: 16.967 min Scan# 2328
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

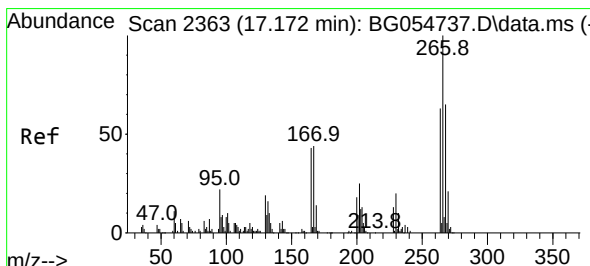
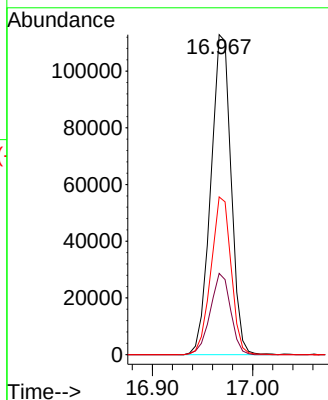
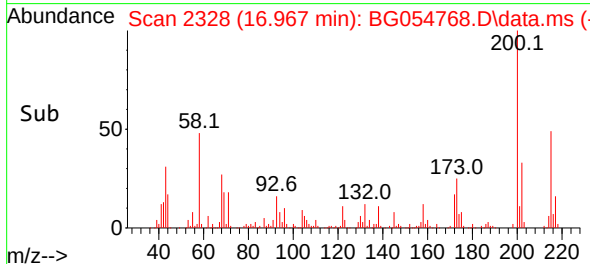
Instrument :
BNA_G
ClientSampleId :
PB147277BS



Tgt Ion:200 Resp: 158633
Ion Ratio Lower Upper
200 100
173 25.4 5.6 45.6
215 49.3 28.2 68.2

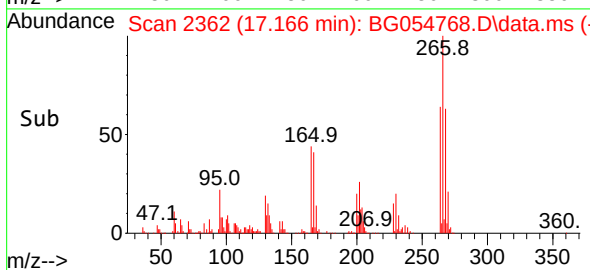
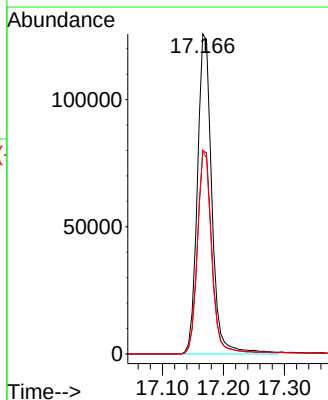
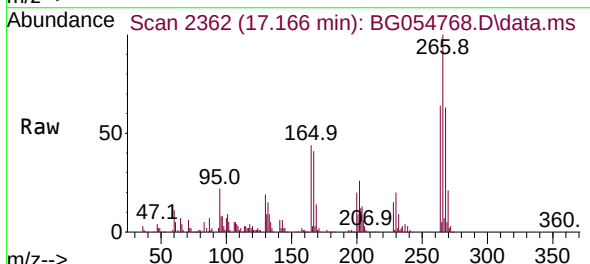
Manual Integrations
APPROVED

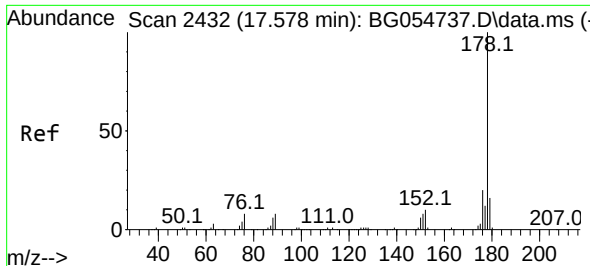
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#70
Pentachlorophenol
Concen: 94.236 ng
RT: 17.166 min Scan# 2362
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

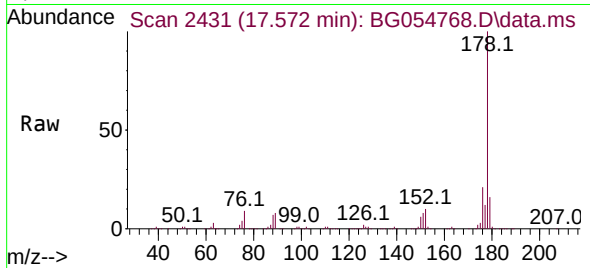
Tgt Ion:266 Resp: 207512
Ion Ratio Lower Upper
266 100
268 63.3 51.2 76.8
264 63.6 49.4 74.0





#71
Phenanthrene
Concen: 42.472 ng
RT: 17.572 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

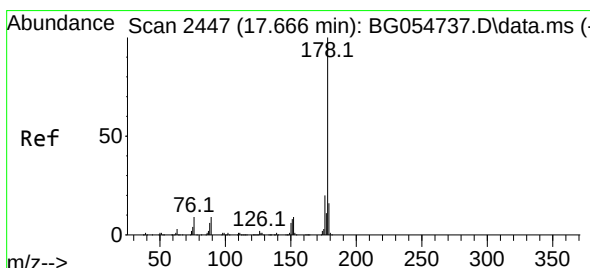
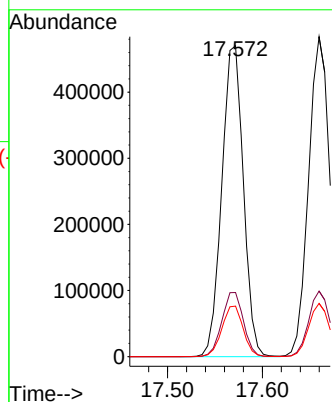
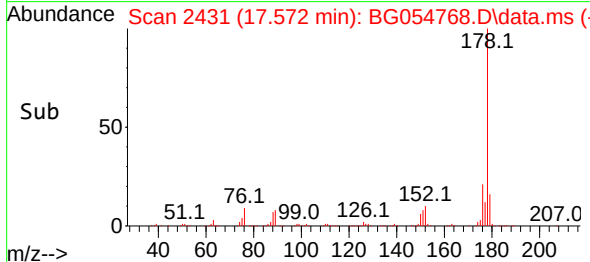
Instrument :
BNA_G
ClientSampleId :
PB147277BS



Tgt Ion:178 Resp: 742936
Ion Ratio Lower Upper
178 100
176 20.6 16.6 25.0
179 16.3 12.8 19.2

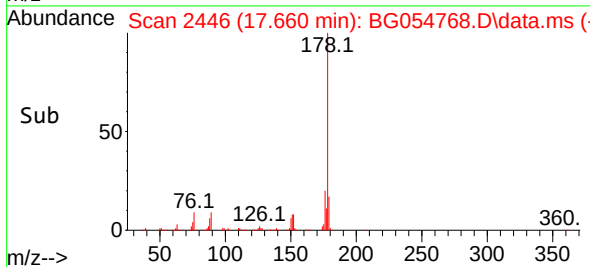
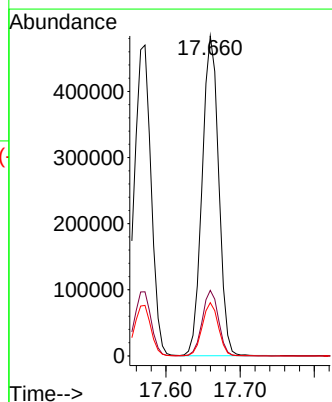
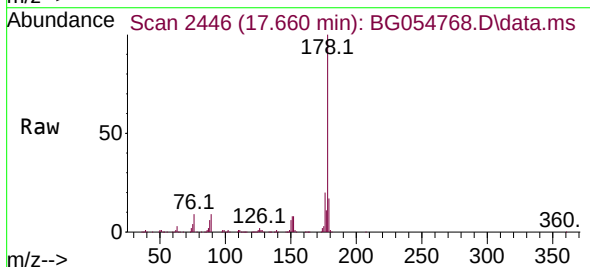
Manual Integrations
APPROVED

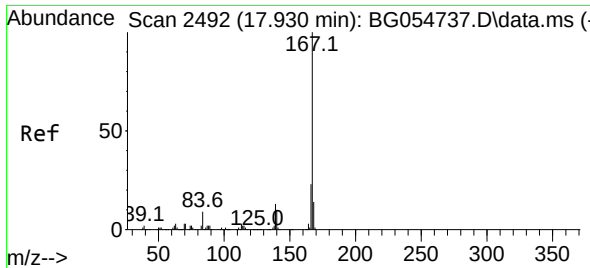
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#72
Anthracene
Concen: 44.066 ng
RT: 17.660 min Scan# 2446
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

Tgt Ion:178 Resp: 749408
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 16.6 12.9 19.3





#73
 Carbazole
 Concen: 45.317 ng
 RT: 17.930 min Scan# 2492
 Delta R.T. -0.000 min
 Lab File: BG054768.D
 Acq: 29 Aug 2022 11:24

Instrument :

BNA_G

ClientSampleId :

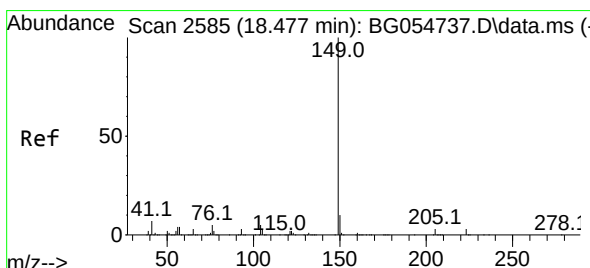
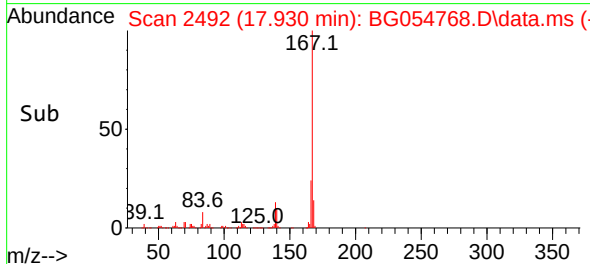
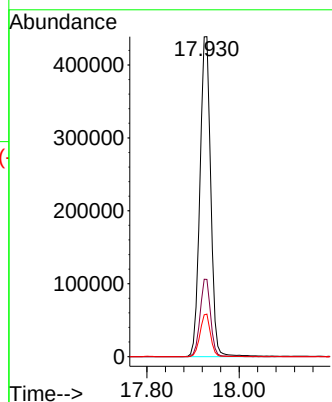
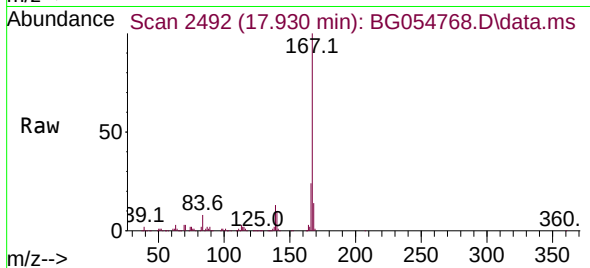
PB147277BS

Tgt Ion:167 Resp: 710073
 Ion Ratio Lower Upper
 167 100
 166 24.1 18.8 28.2
 139 13.3 10.2 15.4

Manual Integrations

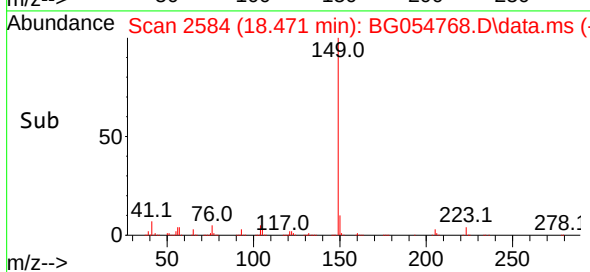
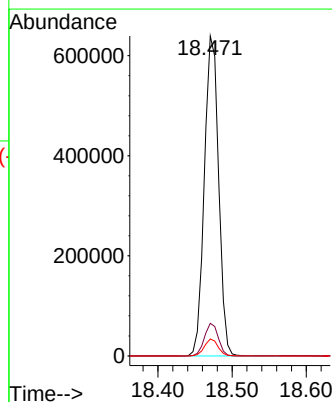
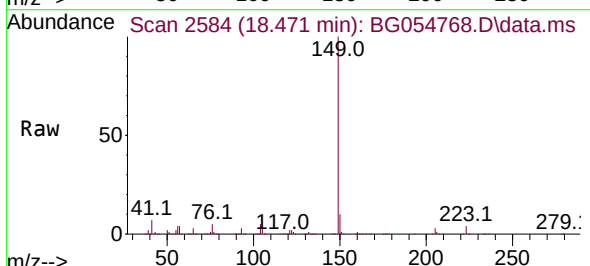
APPROVED

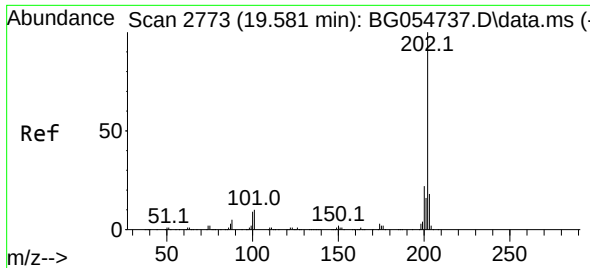
Reviewed By :Christian Giraldo 08/30/2022
 Supervised By :Jagrut Upadhyay 08/30/2022



#74
 Di-n-butylphthalate
 Concen: 43.053 ng
 RT: 18.471 min Scan# 2584
 Delta R.T. -0.006 min
 Lab File: BG054768.D
 Acq: 29 Aug 2022 11:24

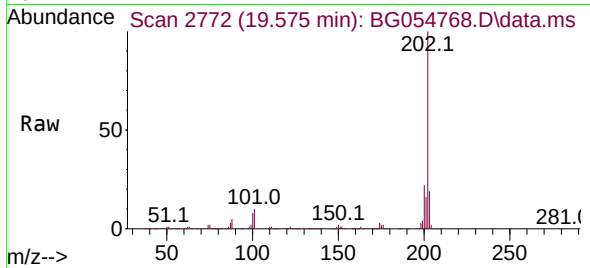
Tgt Ion:149 Resp: 853629
 Ion Ratio Lower Upper
 149 100
 150 10.2 8.0 12.0
 104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 43.618 ng
RT: 19.575 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

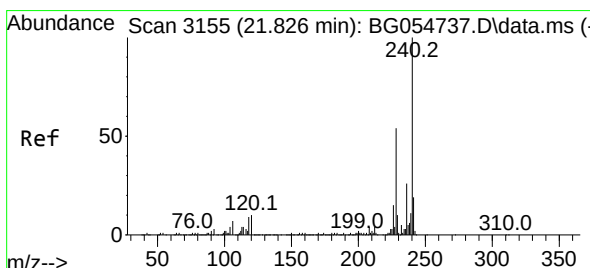
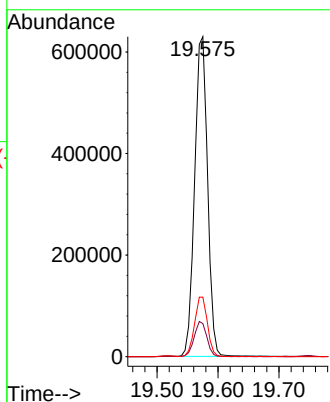
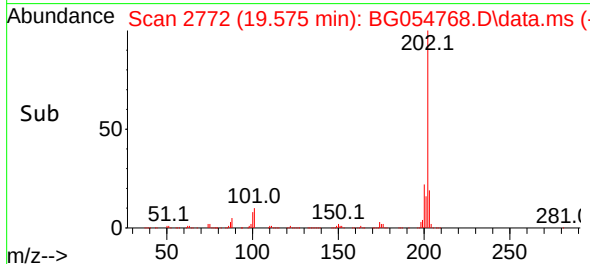
Instrument :
BNA_G
ClientSampleId :
PB147277BS



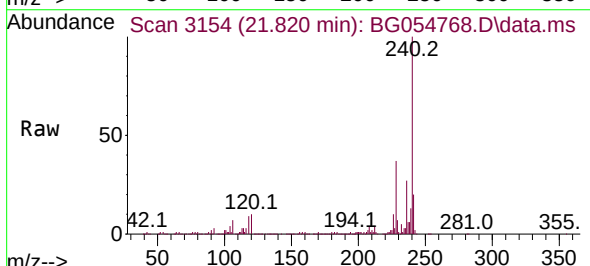
Tgt Ion:202 Resp: 928158
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.4
203 18.6 0.0 38.6

Manual Integrations
APPROVED

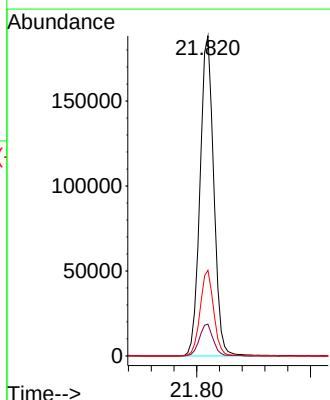
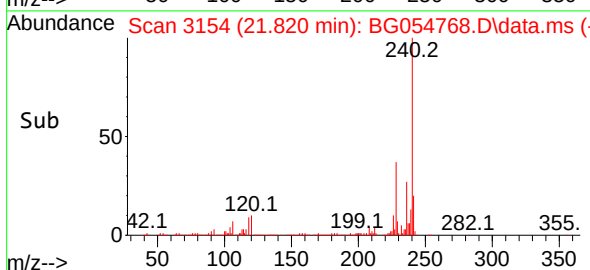
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

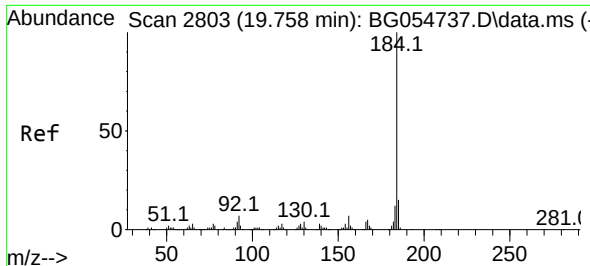


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.820 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24



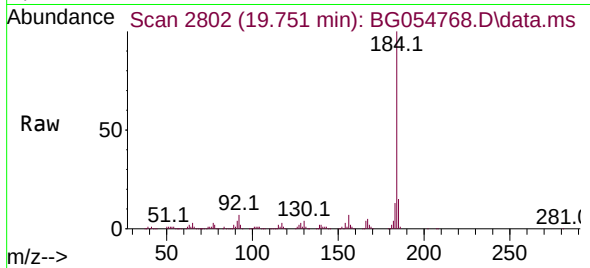
Tgt Ion:240 Resp: 314838
Ion Ratio Lower Upper
240 100
120 9.9 8.2 12.4
236 26.7 21.2 31.8





#77
Benzidine
Concen: 59.901 ng
RT: 19.751 min Scan# 2802
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

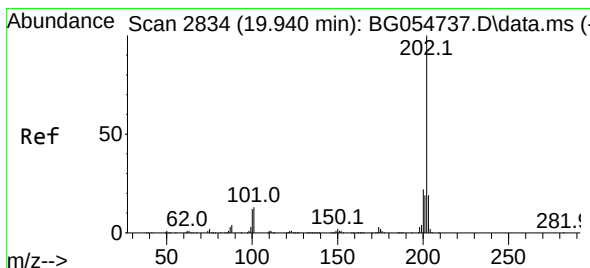
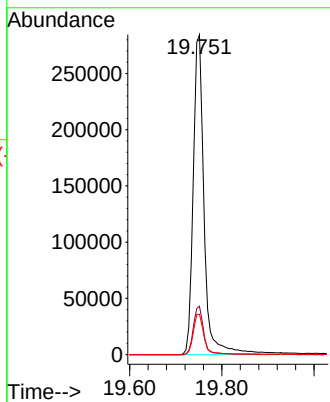
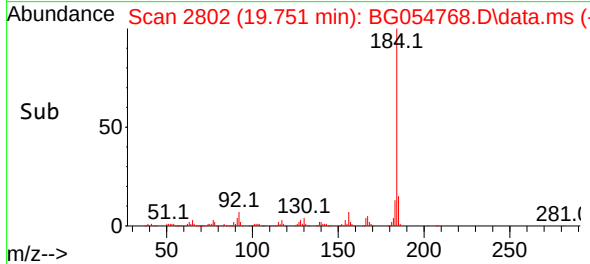
Instrument :
BNA_G
ClientSampleId :
PB147277BS



Tgt Ion:184 Resp: 467120
Ion Ratio Lower Upper
184 100
185 15.1 11.4 17.0
183 12.6 9.8 14.8

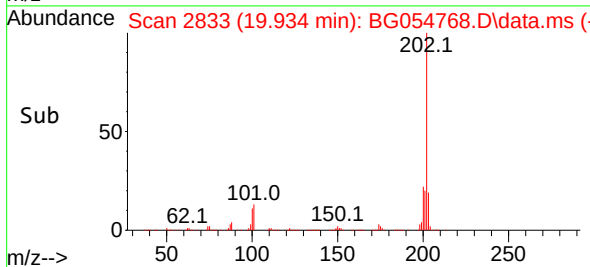
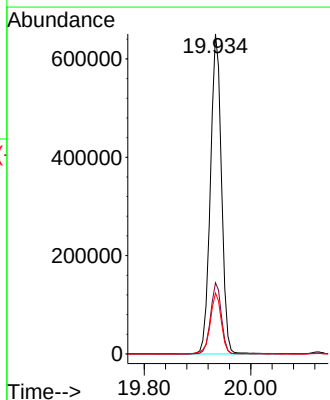
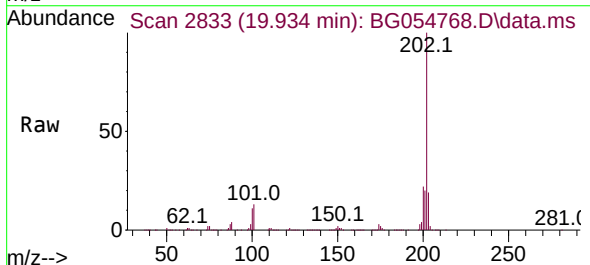
Manual Integrations
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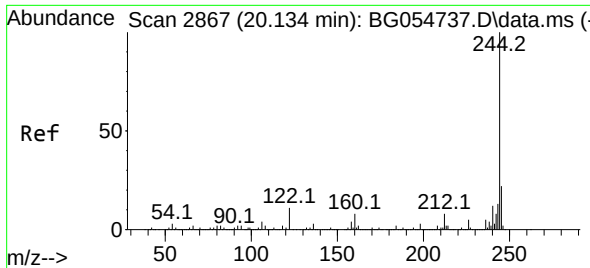
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#78
Pyrene
Concen: 42.721 ng
RT: 19.934 min Scan# 2833
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

Tgt Ion:202 Resp: 937863
Ion Ratio Lower Upper
202 100
200 22.2 17.8 26.6
203 19.0 14.6 21.8





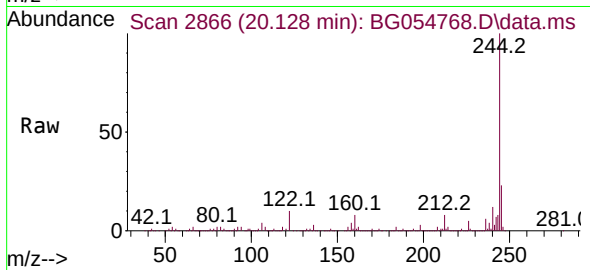
#79
Terphenyl-d14
Concen: 83.900 ng
RT: 20.128 min Scan# 2866
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

Instrument :

BNA_G

ClientSampleId :

PB147277BS

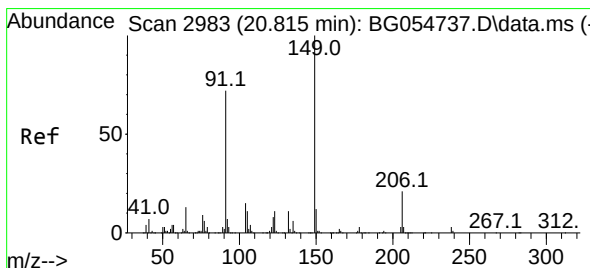
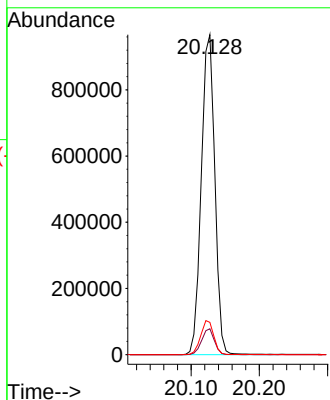
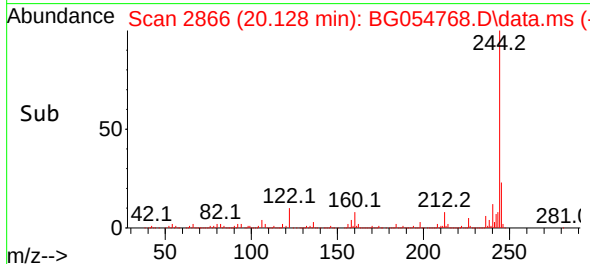


Tgt Ion:244 Resp: 1333144
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.2
122 10.1 9.0 13.6

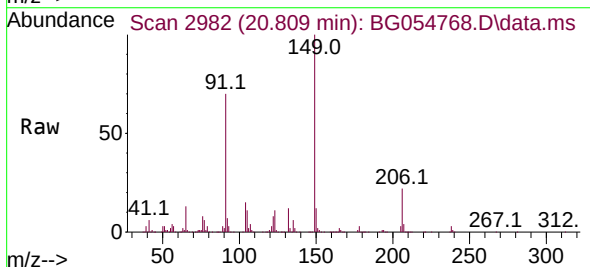
Manual Integrations

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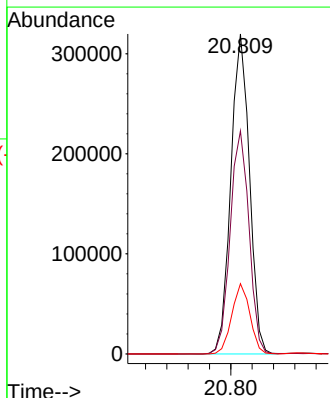
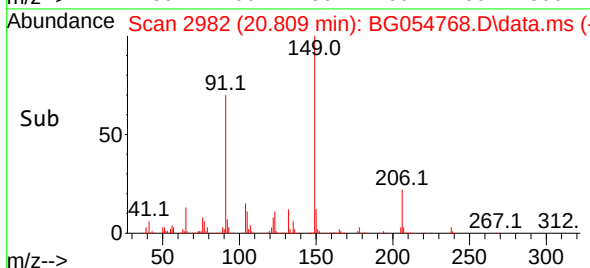
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

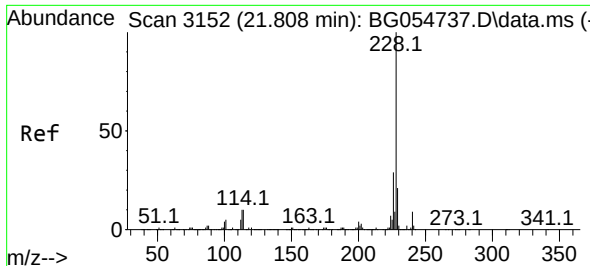


#80
Butylbenzylphthalate
Concen: 42.151 ng
RT: 20.809 min Scan# 2982
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24



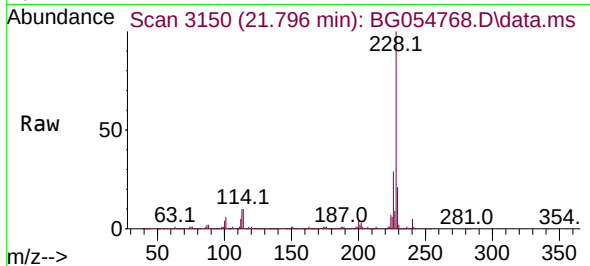
Tgt Ion:149 Resp: 385982
Ion Ratio Lower Upper
149 100
91 69.7 59.5 89.3
206 21.9 16.6 25.0





#81
Benzo(a)anthracene
Concen: 42.888 ng
RT: 21.796 min Scan# 3152
Delta R.T. -0.012 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

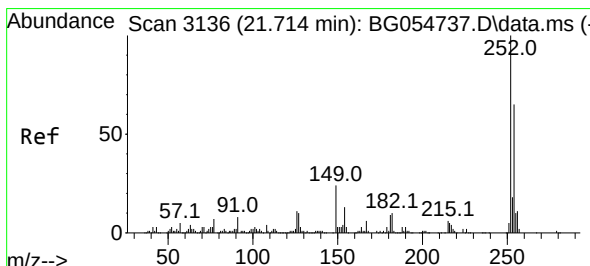
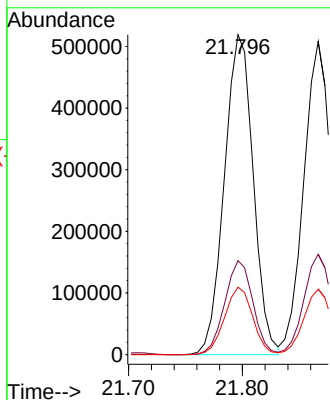
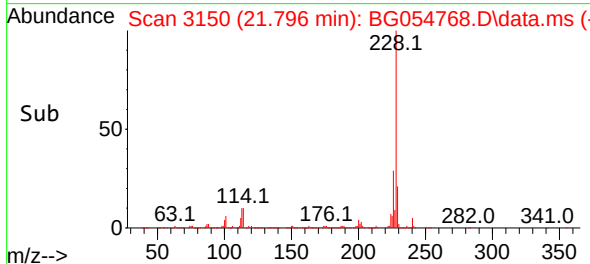
Instrument :
BNA_G
ClientSampleId :
PB147277BS



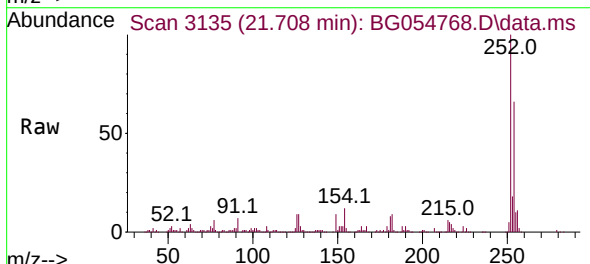
Tgt Ion:228 Resp: 915517
Ion Ratio Lower Upper
228 100
226 29.4 23.4 35.2
229 21.1 16.5 24.7

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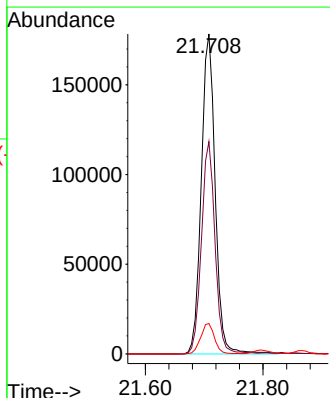
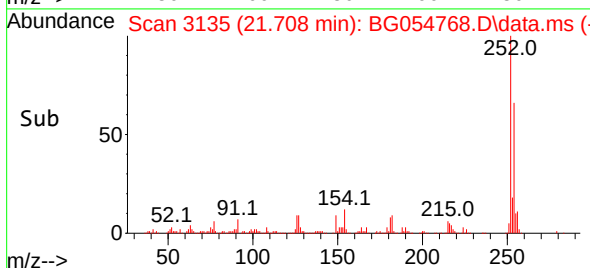
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

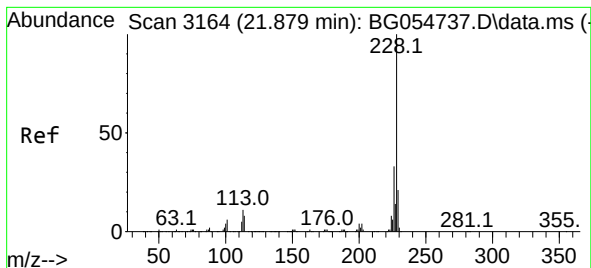


#82
3,3'-Dichlorobenzidine
Concen: 39.063 ng
RT: 21.708 min Scan# 3135
Delta R.T. -0.006 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24



Tgt Ion:252 Resp: 292363
Ion Ratio Lower Upper
252 100
254 66.3 51.4 77.2
126 9.5 8.2 12.2





#83

Chrysene

Concen: 42.474 ng

RT: 21.867 min Scan# 3162

Delta R.T. -0.012 min

Lab File: BG054768.D

Acq: 29 Aug 2022 11:24

Instrument :

BNA_G

ClientSampleId :

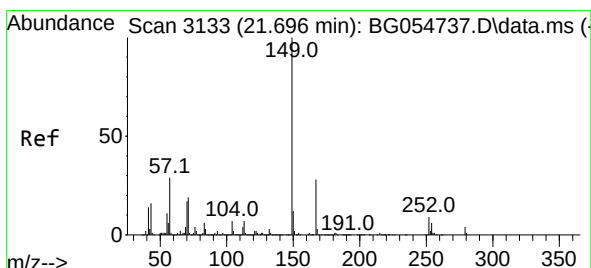
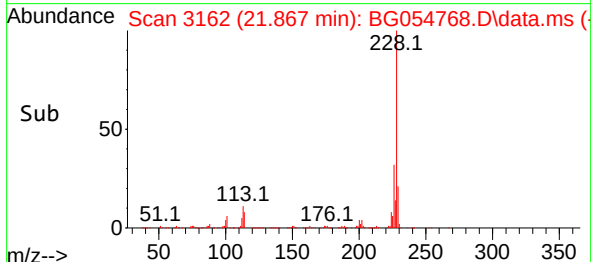
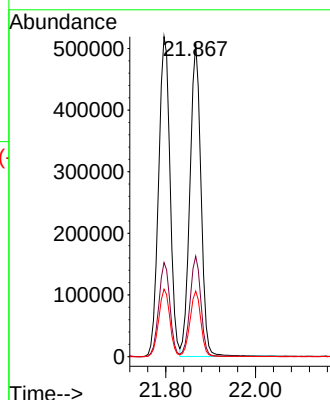
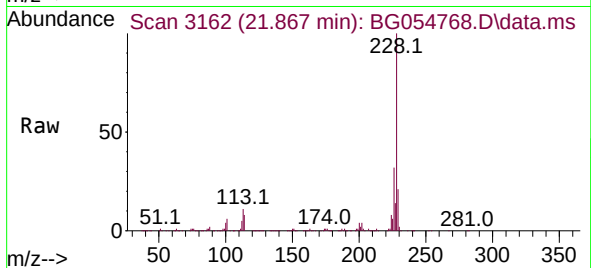
PB147277BS

Tgt Ion:228 Resp: 866924
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.5 38.3
 229 20.9 16.8 25.2

Manual Integrations

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Reviewed By :Christian Giraldo 08/30/2022
 Supervised By :Jagrut Upadhyay 08/30/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.177 ng

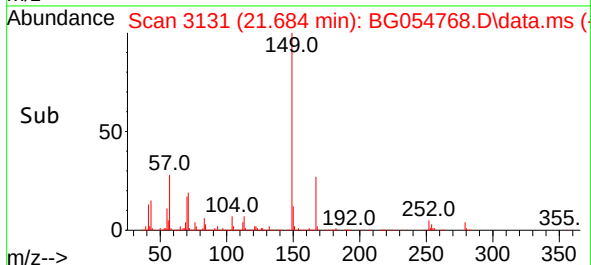
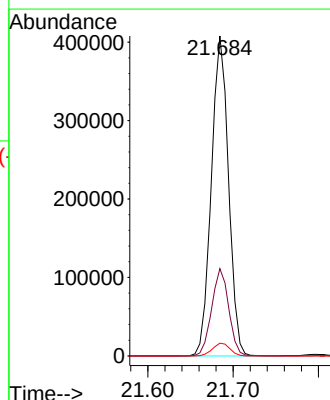
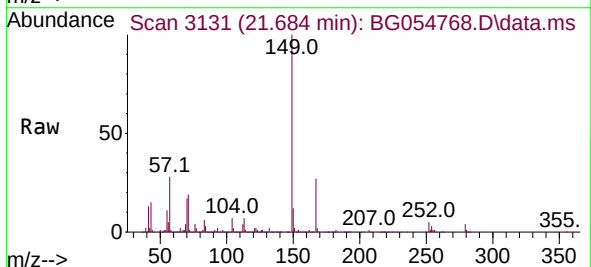
RT: 21.684 min Scan# 3131

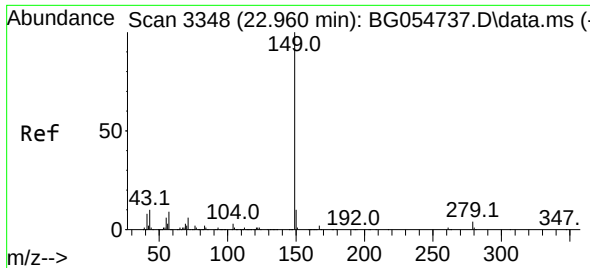
Delta R.T. -0.012 min

Lab File: BG054768.D

Acq: 29 Aug 2022 11:24

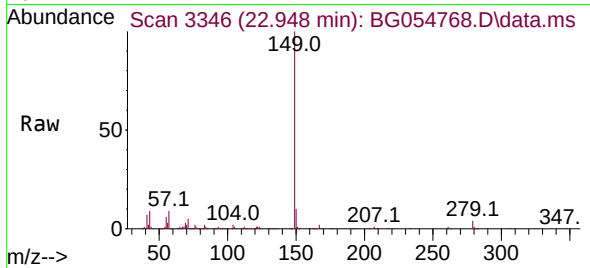
Tgt Ion:149 Resp: 569634
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.4 32.0
 279 4.0 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 42.775 ng
RT: 22.948 min Scan# 3348
Delta R.T. -0.012 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

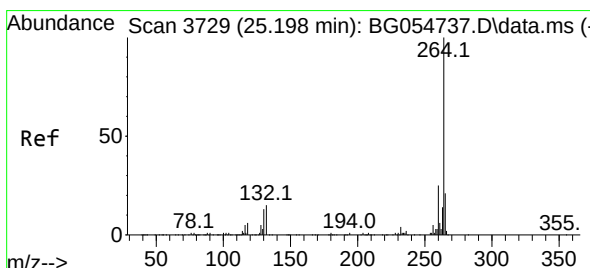
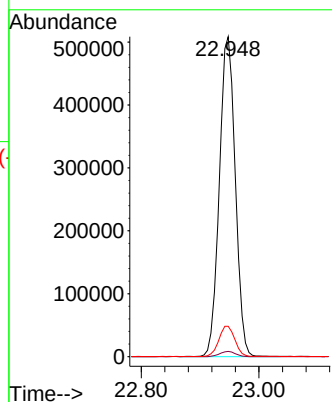
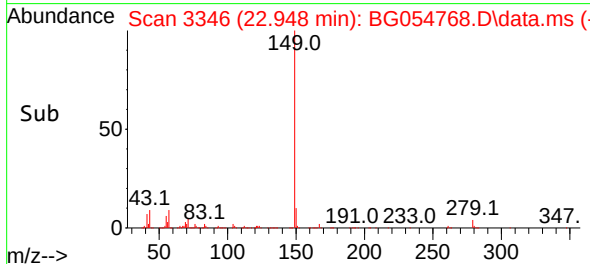
Instrument :
BNA_G
ClientSampleId :
PB147277BS



Tgt Ion:149 Resp: 957035
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.5 9.0 13.6

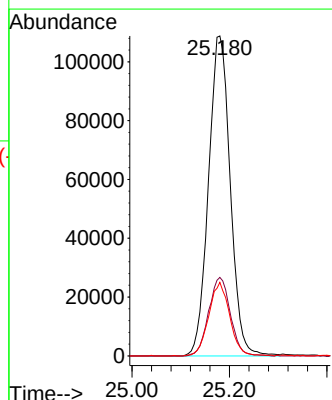
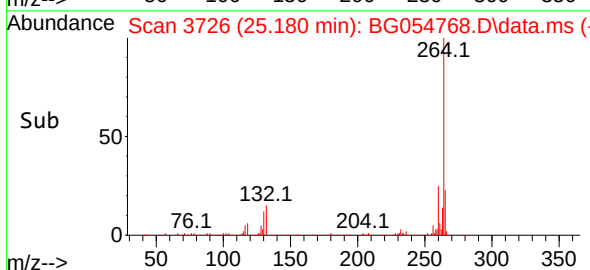
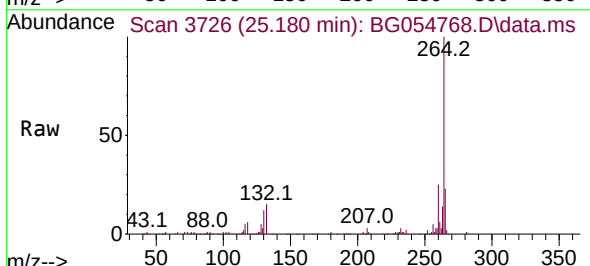
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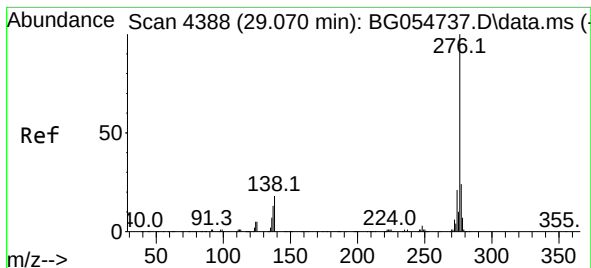
Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.180 min Scan# 3726
Delta R.T. -0.018 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

Tgt Ion:264 Resp: 337207
Ion Ratio Lower Upper
264 100
260 24.5 19.9 29.9
265 23.0 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.076 ng

RT: 29.052 min Scan# 4388

Delta R.T. -0.018 min

Lab File: BG054768.D

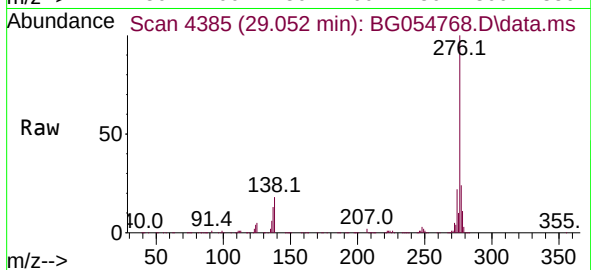
Acq: 29 Aug 2022 11:24

Instrument :

BNA_G

ClientSampleId :

PB147277BS



Tgt Ion:276 Resp: 1102743

Ion Ratio Lower Upper

276 100

138 14.3 12.0 18.0

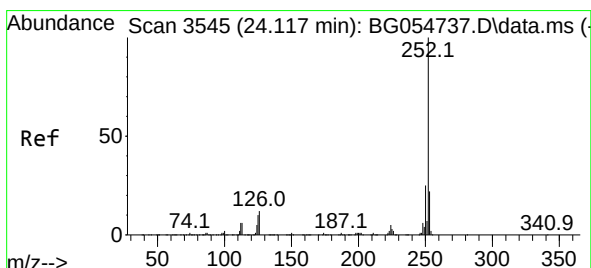
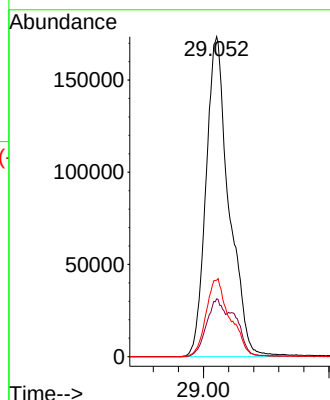
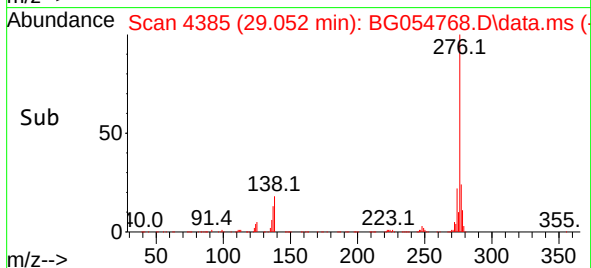
277 25.4 20.2 30.4

Manual Integrations

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Reviewed By :Christian Giraldo 08/30/2022

Supervised By :Jagrut Upadhyay 08/30/2022



#88

Benzo(b)fluoranthene

Concen: 45.999 ng

RT: 24.105 min Scan# 3543

Delta R.T. -0.012 min

Lab File: BG054768.D

Acq: 29 Aug 2022 11:24

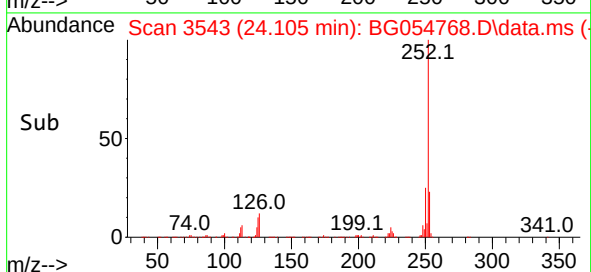
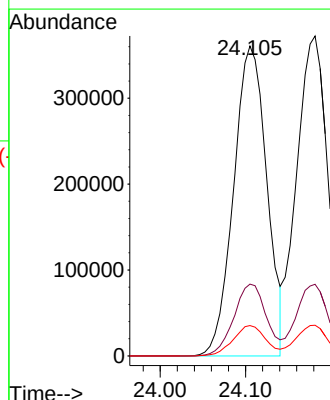
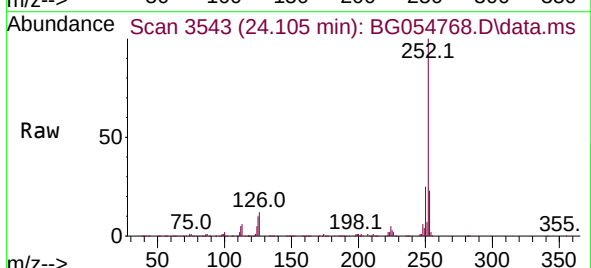
Tgt Ion:252 Resp: 973039

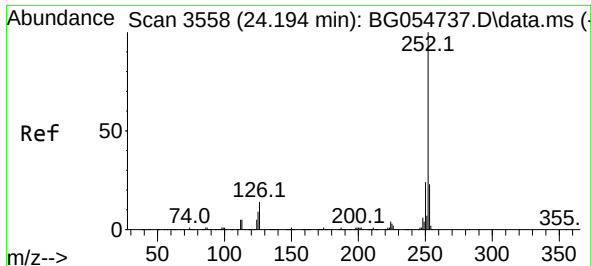
Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

125 9.8 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 45.074 ng

RT: 24.182 min Scan# 3558

Delta R.T. -0.012 min

Lab File: BG054768.D

Acq: 29 Aug 2022 11:24

Instrument :

BNA_G

ClientSampleId :

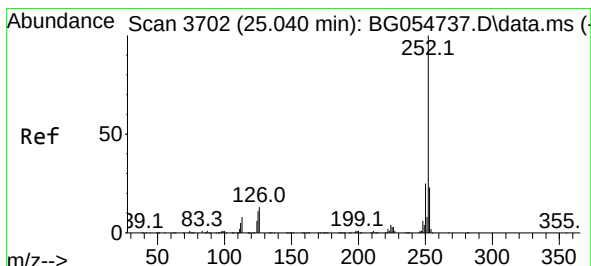
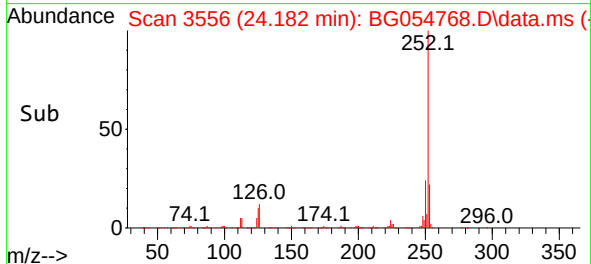
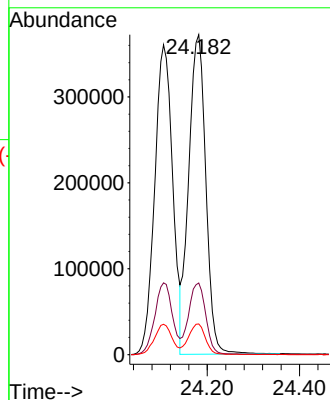
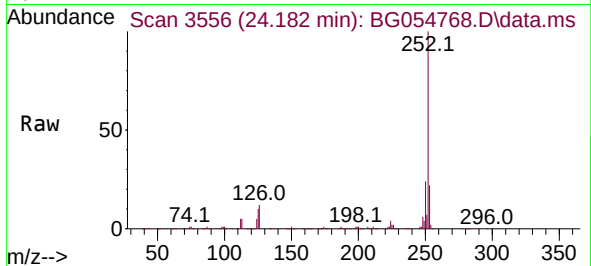
PB147277BS

Tgt Ion:252 Resp: 959576
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.8 26.8
 125 9.6 8.2 12.4

Manual Integrations

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Reviewed By :Christian Giraldo 08/30/2022
 Supervised By :Jagrut Upadhyay 08/30/2022



#90

Benzo(a)pyrene

Concen: 47.638 ng

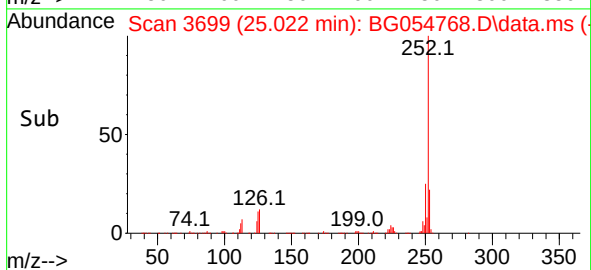
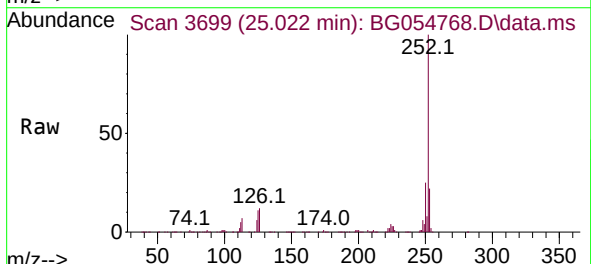
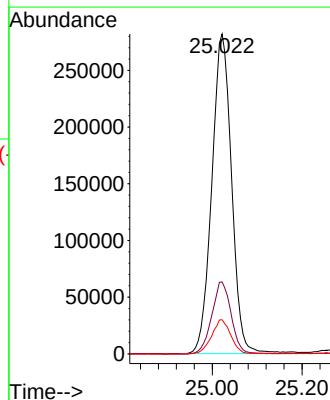
RT: 25.022 min Scan# 3699

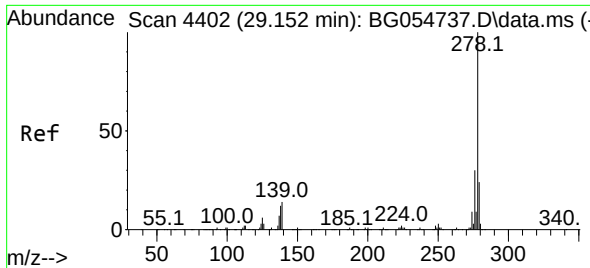
Delta R.T. -0.018 min

Lab File: BG054768.D

Acq: 29 Aug 2022 11:24

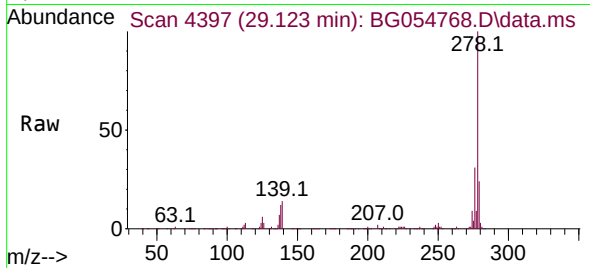
Tgt Ion:252 Resp: 860934
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.3 27.5
 125 10.7 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 45.074 ng
RT: 29.123 min Scan# 4397
Delta R.T. -0.030 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24

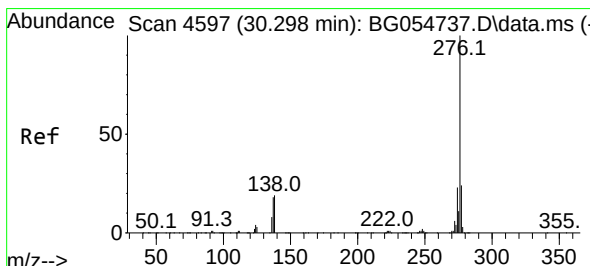
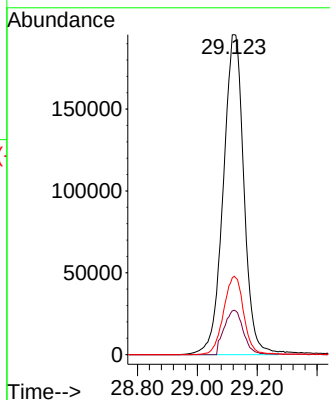
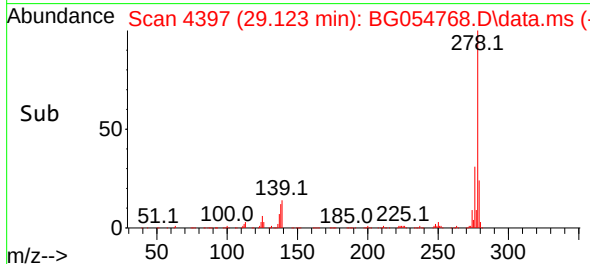
Instrument :
BNA_G
ClientSampleId :
PB147277BS



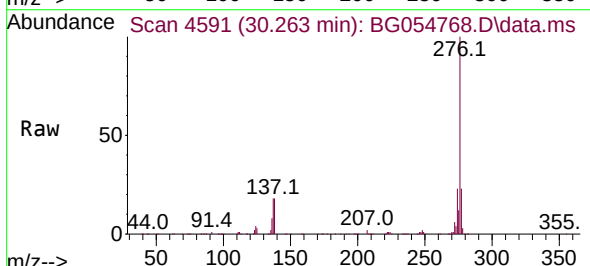
Tgt Ion:278 Resp: 940058
Ion Ratio Lower Upper
278 100
139 13.9 11.4 17.2
279 24.5 19.3 28.9

Manual Integrations
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Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022



#92
Benzo(g,h,i)perylene
Concen: 44.675 ng
RT: 30.263 min Scan# 4591
Delta R.T. -0.035 min
Lab File: BG054768.D
Acq: 29 Aug 2022 11:24



Tgt Ion:276 Resp: 941274
Ion Ratio Lower Upper
276 100
277 23.5 19.4 29.0
138 18.1 16.6 25.0

