

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082522\
 Data File : BG054746.D
 Acq On : 25 Aug 2022 21:56
 Operator : CG/JU
 Sample : PB147133BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB147133BS

Manual Integrations

APPROVED

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

Quant Time: Aug 26 05:20:31 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	8.152	152	55676	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	236183	20.000	ng	0.00
39) Acenaphthene-d10	14.785	164	160006	20.000	ng	0.00
64) Phenanthrene-d10	17.529	188	368199	20.000	ng	0.00
76) Chrysene-d12	21.824	240	341812	20.000	ng	0.00
86) Perylene-d12	25.185	264	355853	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	425319	133.026	ng	0.00
7) Phenol-d6	7.294	99	565775	129.393	ng	0.00
23) Nitrobenzene-d5	9.321	82	339334	75.424	ng	0.00
42) 2,4,6-Tribromophenol	16.272	330	250318	125.198	ng	0.00
45) 2-Fluorobiphenyl	13.410	172	797327	74.897	ng	0.00
79) Terphenyl-d14	20.132	244	1390588	80.609	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.528	88	45446	29.767	ng	99
3) Pyridine	3.939	79	126453	29.695	ng	98
4) n-Nitrosodimethylamine	3.851	42	72672	39.478	ng	# 95
6) Aniline	7.470	93	222944	42.914	ng	98
8) 2-Chlorophenol	7.711	128	161304	46.177	ng	98
9) Benzaldehyde	7.282	77	114172	39.839	ng	99
10) Phenol	7.323	94	203033	45.152	ng	98
11) bis(2-Chloroethyl)ether	7.558	93	152324	42.120	ng	99
12) 1,3-Dichlorobenzene	8.040	146	167806	41.511	ng	98
13) 1,4-Dichlorobenzene	8.187	146	169300	41.520	ng	99
14) 1,2-Dichlorobenzene	8.504	146	164002	42.417	ng	99
15) Benzyl Alcohol	8.387	79	144476	45.737	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.675	45	239043	42.242	ng	98
17) 2-Methylphenol	8.587	107	142385	45.990	ng	97
18) Hexachloroethane	9.245	117	61720	41.742	ng	99
19) n-Nitroso-di-n-propyla...	8.957	70	127840	42.516	ng	98
20) 3+4-Methylphenols	8.916	107	192719	44.890	ng	97
22) Acetophenone	8.974	105	239962	40.611	ng	# 99
24) Nitrobenzene	9.368	77	177547	39.153	ng	97
25) Isophorone	9.885	82	354159	42.218	ng	99
26) 2-Nitrophenol	10.079	139	86228	43.047	ng	98
27) 2,4-Dimethylphenol	10.126	122	153213	48.275	ng	98
28) bis(2-Chloroethoxy)met...	10.367	93	213795	44.726	ng	99
29) 2,4-Dichlorophenol	10.614	162	158117	43.801	ng	99
30) 1,2,4-Trichlorobenzene	10.831	180	159484	38.660	ng	99
31) Naphthalene	11.025	128	491504	38.787	ng	99
32) Benzoic acid	10.261	122	85146	39.272	ng	97
33) 4-Chloroaniline	11.131	127	173232	33.533	ng	99
34) Hexachlorobutadiene	11.301	225	101264	38.312	ng	100
35) Caprolactam	11.900	113	56912m	44.687	ng	
36) 4-Chloro-3-methylphenol	12.235	107	175074	44.350	ng	98
37) 2-Methylnaphthalene	12.623	142	353170	39.765	ng	99
38) 1-Methylnaphthalene	12.840	142	337570	39.066	ng	99
40) 1,2,4,5-Tetrachloroben...	12.981	216	189217	39.230	ng	99
41) Hexachlorocyclopentadiene	12.958	237	246372	96.316	ng	97
43) 2,4,6-Trichlorophenol	13.216	196	133860	41.812	ng	100

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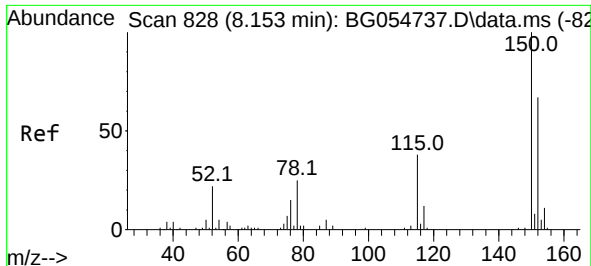
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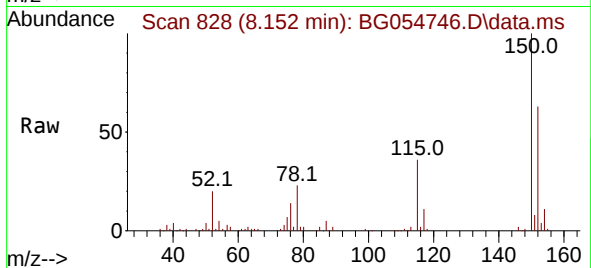
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	147517	41.030	ng	97
46) 1,1'-Biphenyl	13.622	154	476424	40.096	ng	99
47) 2-Chloronaphthalene	13.669	162	350932	38.889	ng	99
48) 2-Nitroaniline	13.863	65	119762	42.348	ng	98
49) Acenaphthylene	14.509	152	596438	40.053	ng	99
50) Dimethylphthalate	14.233	163	493712	40.051	ng	99
51) 2,6-Dinitrotoluene	14.350	165	106648	42.298	ng	94
52) Acenaphthene	14.850	154	422730m	44.194	ng	
53) 3-Nitroaniline	14.685	138	99435	35.229	ng	97
54) 2,4-Dinitrophenol	14.885	184	120171	84.079	ng	91
55) Dibenzofuran	15.179	168	558384	39.727	ng	99
56) 4-Nitrophenol	14.979	139	196974	90.179	ng	99
57) 2,4-Dinitrotoluene	15.138	165	151482	43.436	ng	90
58) Fluorene	15.831	166	469920	39.686	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.402	232	130016	40.116	ng	97
60) Diethylphthalate	15.590	149	494031	40.135	ng	98
61) 4-Chlorophenyl-phenyle...	15.813	204	241142	41.283	ng	99
62) 4-Nitroaniline	15.849	138	118780	41.218	ng	97
63) Azobenzene	16.107	77	458780	39.218	ng	99
65) 4,6-Dinitro-2-methylph...	15.896	198	80727	43.072	ng	94
66) n-Nitrosodiphenylamine	16.031	169	428829	40.386	ng	100
67) 4-Bromophenyl-phenylether	16.712	248	165263	40.881	ng	99
68) Hexachlorobenzene	16.830	284	184030	40.495	ng	97
69) Atrazine	16.971	200	167639	44.751	ng	98
70) Pentachlorophenol	17.171	266	216788	87.798	ng	99
71) Phenanthrene	17.570	178	768492	39.180	ng	99
72) Anthracene	17.664	178	773406	40.557	ng	99
73) Carbazole	17.929	167	733466	41.746	ng	99
74) Di-n-butylphthalate	18.475	149	887527	39.920	ng	99
75) Fluoranthene	19.574	202	958405	40.167	ng	99
77) Benzidine	19.750	184	612782	72.379	ng	98
78) Pyrene	19.938	202	959985	40.277	ng	98
80) Butylbenzylphthalate	20.813	149	399485	40.183	ng	97
81) Benzo(a)anthracene	21.801	228	922391	39.800	ng	99
82) 3,3'-Dichlorobenzidine	21.712	252	316201	38.914	ng	99
83) Chrysene	21.871	228	869957	39.259	ng	98
84) Bis(2-ethylhexyl)phtha...	21.689	149	580111	40.501	ng	100
85) Di-n-octyl phthalate	22.952	149	979547	40.326	ng	96
87) Indeno(1,2,3-cd)pyrene	29.063	276	1093824	40.489	ng	99
88) Benzo(b)fluoranthene	24.115	252	994139	44.534	ng	98
89) Benzo(k)fluoranthene	24.186	252	948979	42.241	ng	99
90) Benzo(a)pyrene	25.032	252	867767	45.500	ng	99
91) Dibenzo(a,h)anthracene	29.133	278	941985	42.800	ng	99
92) Benzo(g,h,i)perylene	30.279	276	940929	42.319	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

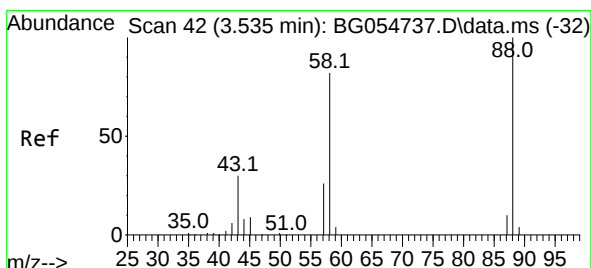
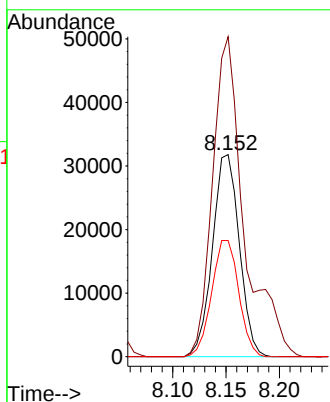
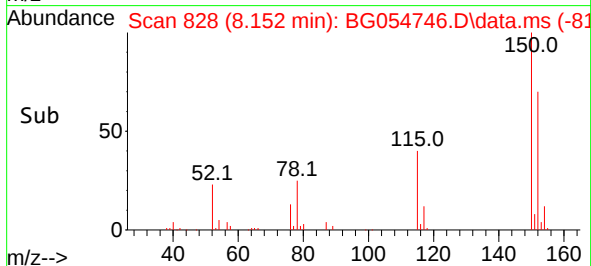
Instrument :
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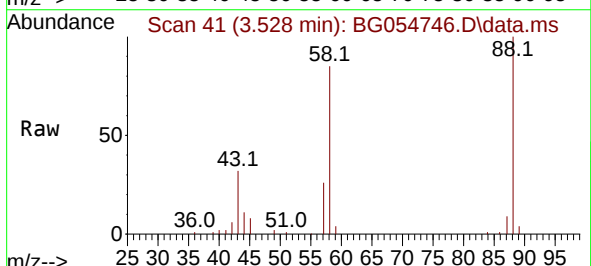
Tgt Ion:152 Resp: 55670
Ion Ratio Lower Upper
152 100
150 158.3 125.2 187.8
115 57.5 47.9 71.9

Manual Integrations
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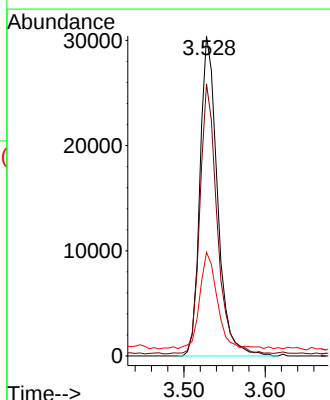
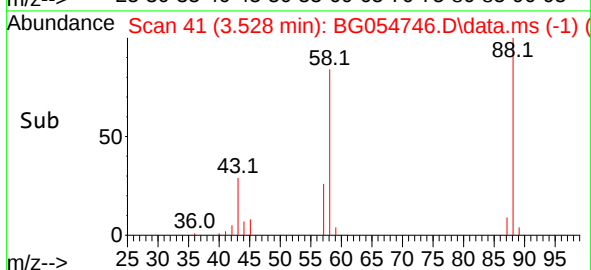
Reviewed By :Christian Giraldo 08/26/2022
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#2
1,4-Dioxane
Concen: 29.767 ng
RT: 3.528 min Scan# 41
Delta R.T. -0.008 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56



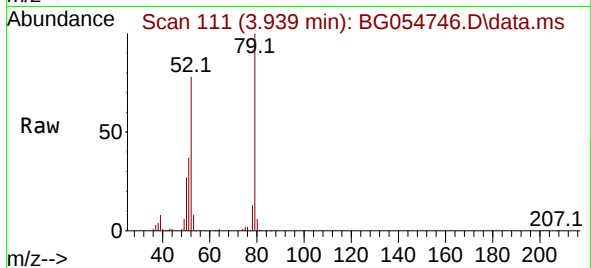
Tgt Ion: 88 Resp: 45446
Ion Ratio Lower Upper
88 100
58 82.5 65.9 98.9
43 30.8 22.7 34.1





#3
Pyridine
Concen: 29.695 ng
RT: 3.939 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

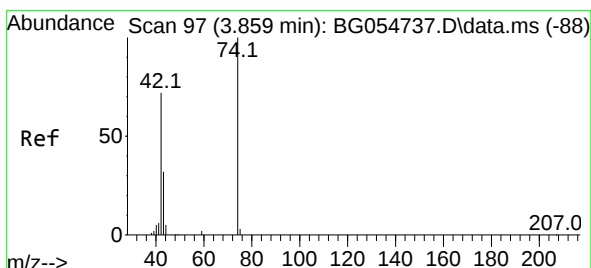
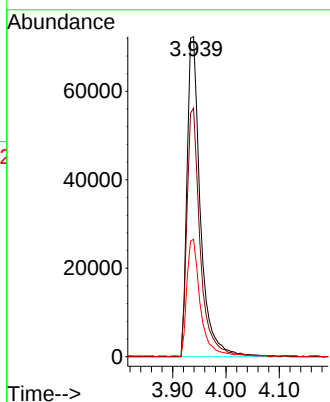
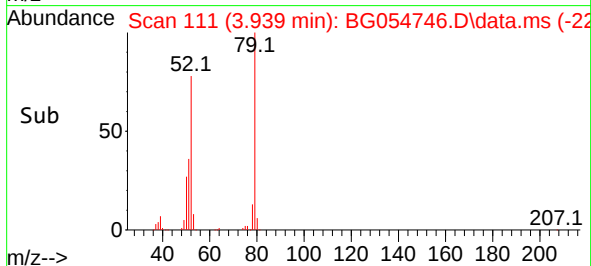
Instrument :
BNA_G
ClientSampleId :
PB147133BS



Tgt Ion: 79 Resp: 12645
Ion Ratio Lower Upper
79 100
52 77.7 61.4 92.0
51 36.7 31.4 47.0

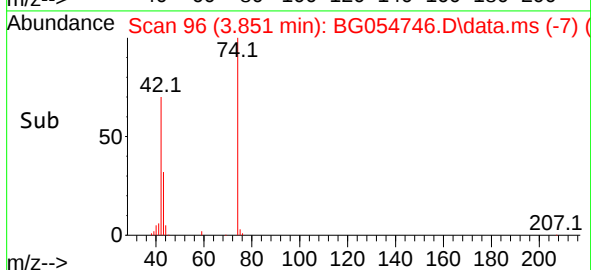
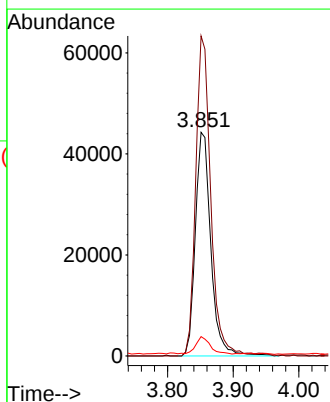
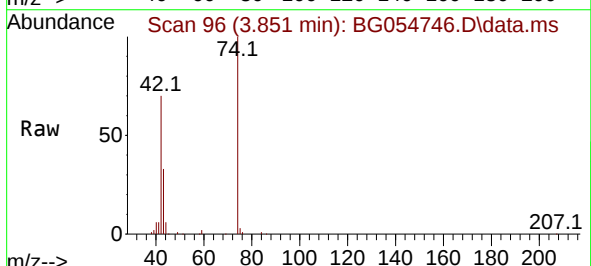
Manual Integrations
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Supervised By :Jagrut Upadhyay 08/26/2022



#4
n-Nitrosodimethylamine
Concen: 39.478 ng
RT: 3.851 min Scan# 96
Delta R.T. -0.008 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Tgt Ion: 42 Resp: 72672
Ion Ratio Lower Upper
42 100
74 143.1 109.6 164.4
44 8.7 5.5 8.3





#5
2-Fluorophenol
Concen: 133.026 ng
RT: 5.684 min Scan# 408
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

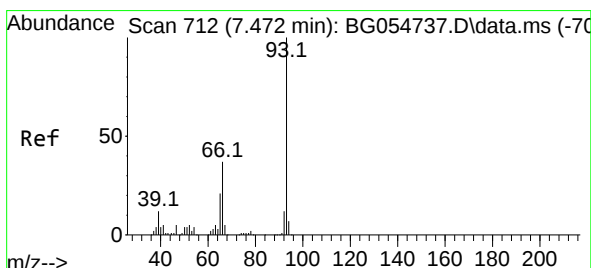
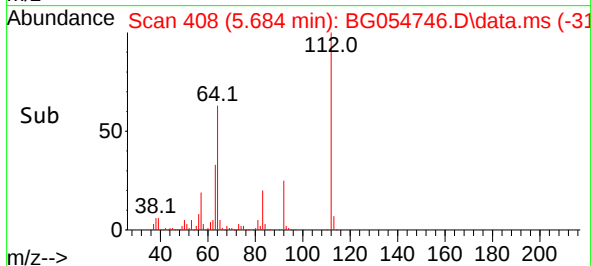
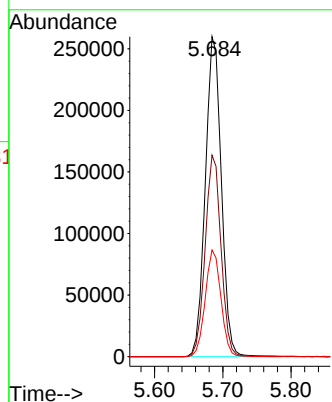
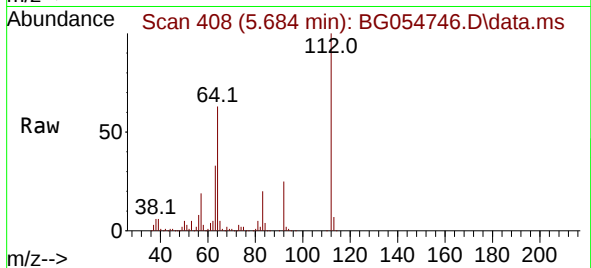
ClientSampleId :

PB147133BS

Tgt Ion:112 Resp: 425319
Ion Ratio Lower Upper
112 100
64 63.0 49.3 73.9
63 33.4 26.3 39.5

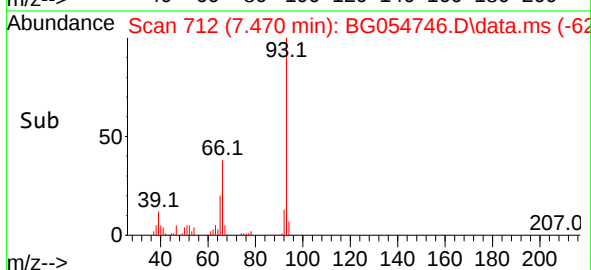
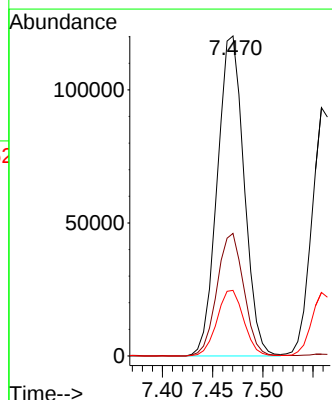
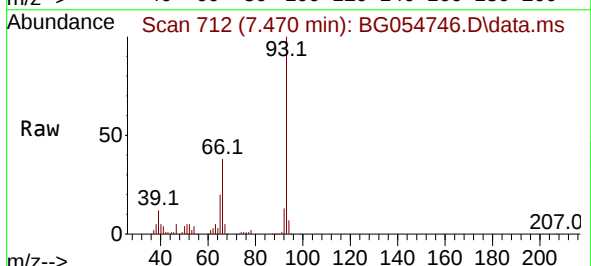
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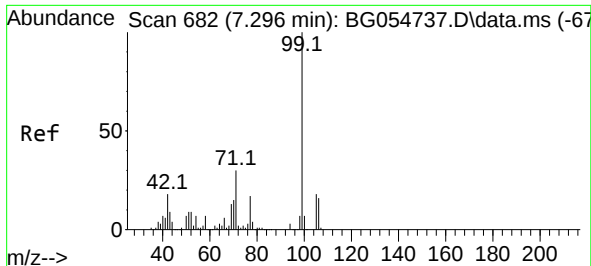
Reviewed By :Christian Giraldo 08/26/2022
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#6
Aniline
Concen: 42.914 ng
RT: 7.470 min Scan# 712
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

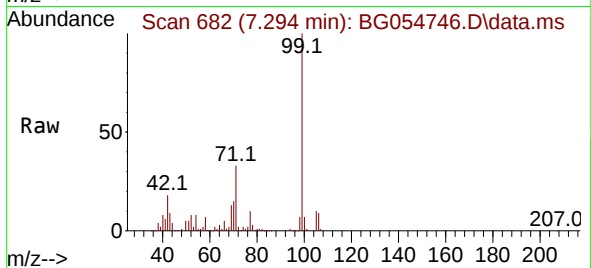
Tgt Ion: 93 Resp: 222944
Ion Ratio Lower Upper
93 100
66 38.3 31.8 47.8
65 20.5 16.6 25.0





#7
Phenol-d6
Concen: 129.393 ng
RT: 7.294 min Scan# 682
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

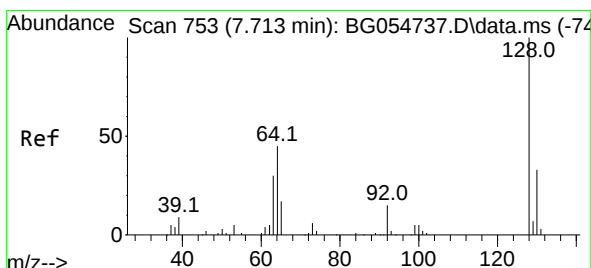
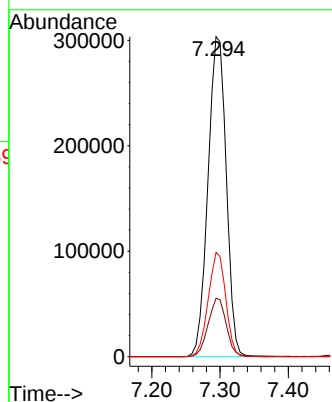
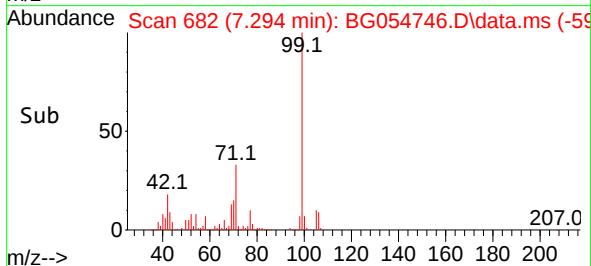
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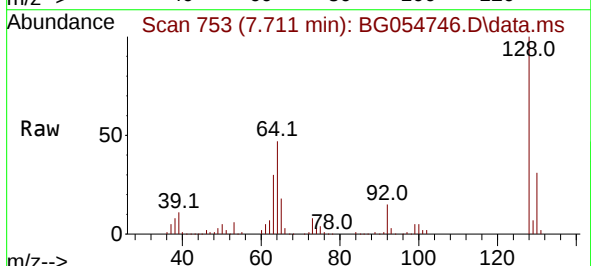
Tgt Ion: 99 Resp: 565775
Ion Ratio Lower Upper
99 100
42 18.2 14.6 22.0
71 32.6 24.6 37.0

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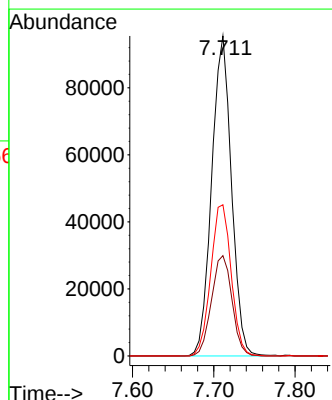
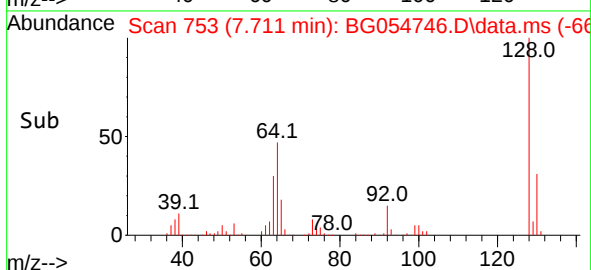
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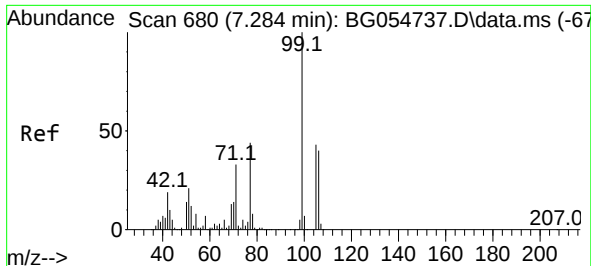


#8
2-Chlorophenol
Concen: 46.177 ng
RT: 7.711 min Scan# 753
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56



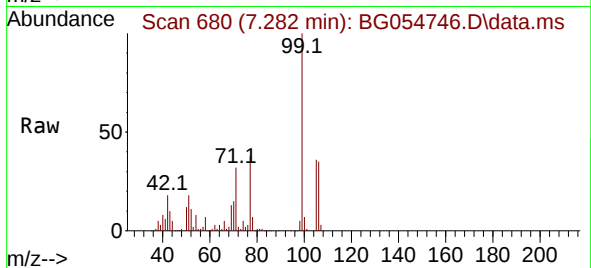
Tgt Ion:128 Resp: 161304
Ion Ratio Lower Upper
128 100
130 31.3 12.5 52.5
64 47.3 28.6 68.6





#9
Benzaldehyde
Concen: 39.839 ng
RT: 7.282 min Scan# 680
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

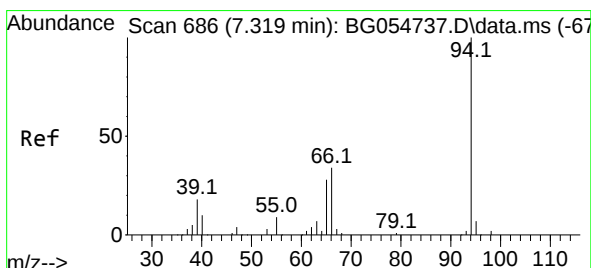
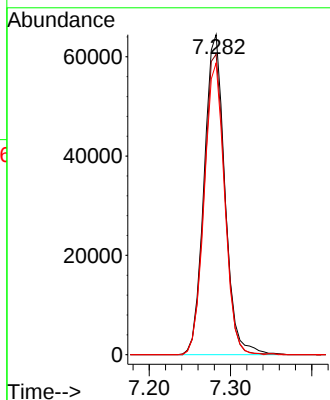
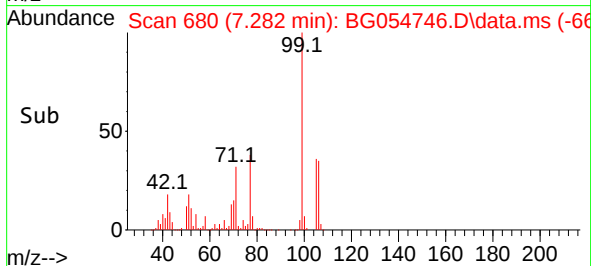
Instrument :
BNA_G
ClientSampleId :
PB147133BS



Tgt Ion: 77 Resp: 114172
Ion Ratio Lower Upper
77 100
105 93.9 75.3 115.3
106 91.2 70.2 110.2

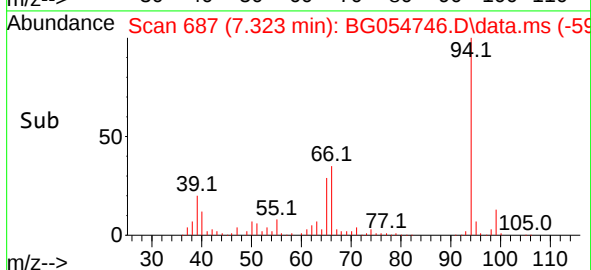
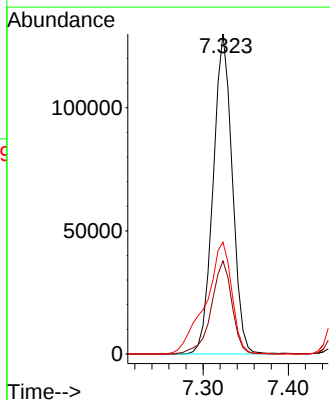
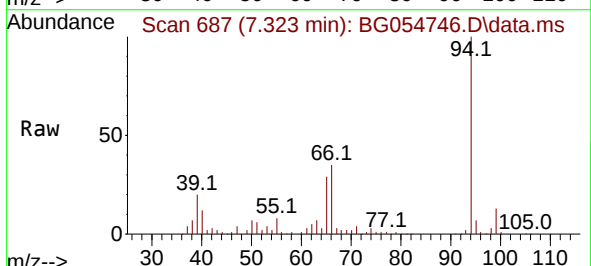
Manual Integrations
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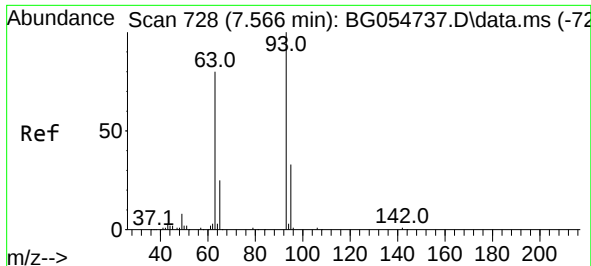
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#10
Phenol
Concen: 45.152 ng
RT: 7.323 min Scan# 687
Delta R.T. 0.004 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Tgt Ion: 94 Resp: 203033
Ion Ratio Lower Upper
94 100
65 29.0 9.9 49.9
66 35.0 16.4 56.4





#11
bis(2-Chloroethyl)ether
Concen: 42.120 ng
RT: 7.558 min Scan# 71
Delta R.T. -0.008 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

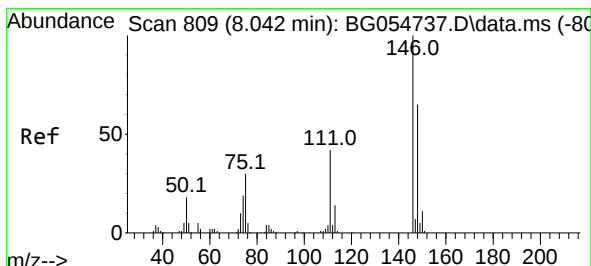
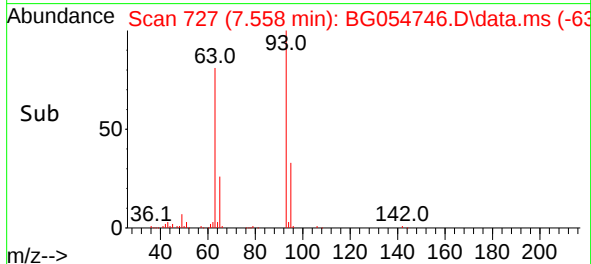
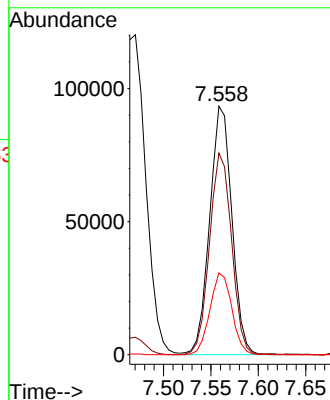
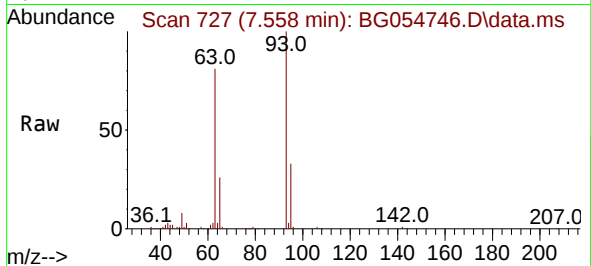
ClientSampleId :

PB147133BS

Tgt Ion: 93 Resp: 152324
Ion Ratio Lower Upper
93 100
63 81.2 62.1 102.1
95 32.9 12.1 52.1

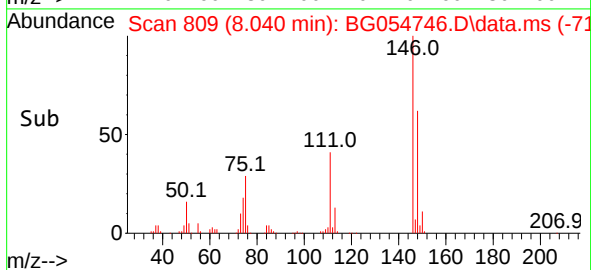
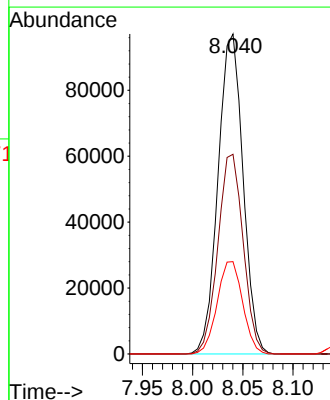
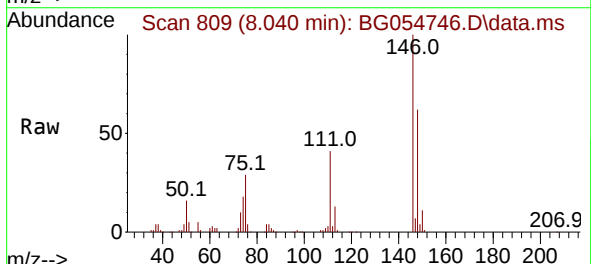
Manual Integrations
APPROVED

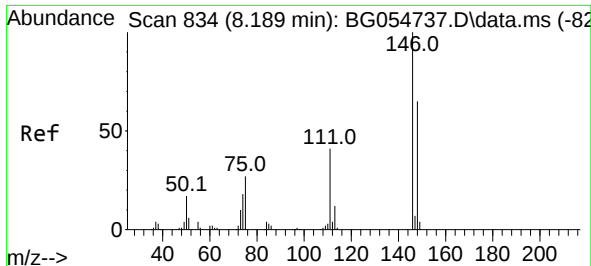
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#12
1,3-Dichlorobenzene
Concen: 41.511 ng
RT: 8.040 min Scan# 809
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Tgt Ion:146 Resp: 167806
Ion Ratio Lower Upper
146 100
148 62.4 50.6 76.0
75 28.8 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 41.520 ng

RT: 8.187 min Scan# 81

Delta R.T. -0.002 min

Lab File: BG054746.D

Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

PB147133BS

Tgt Ion:146 Resp: 169300

Ion Ratio Lower Upper

146 100

148 62.4 50.4 75.6

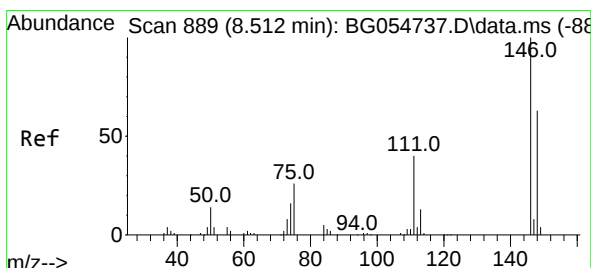
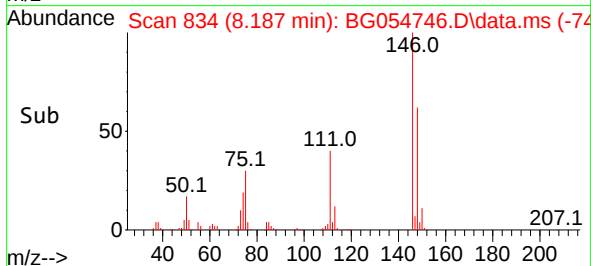
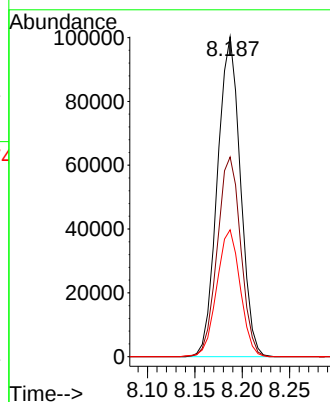
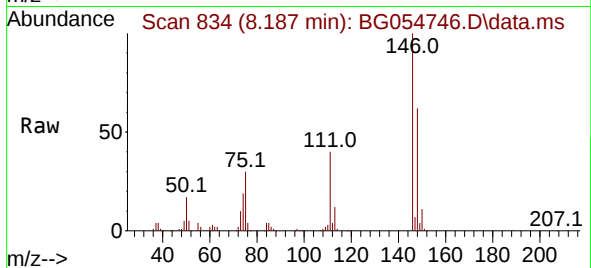
111 39.6 33.0 49.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#14

1,2-Dichlorobenzene

Concen: 42.417 ng

RT: 8.504 min Scan# 888

Delta R.T. -0.008 min

Lab File: BG054746.D

Acq: 25 Aug 2022 21:56

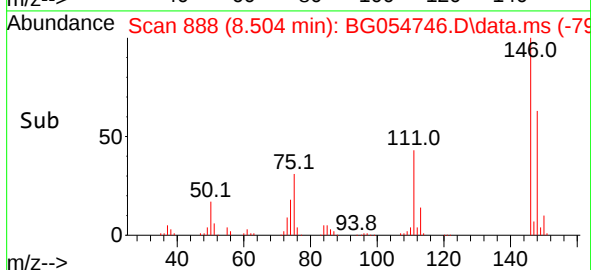
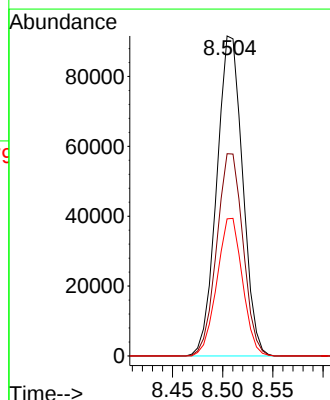
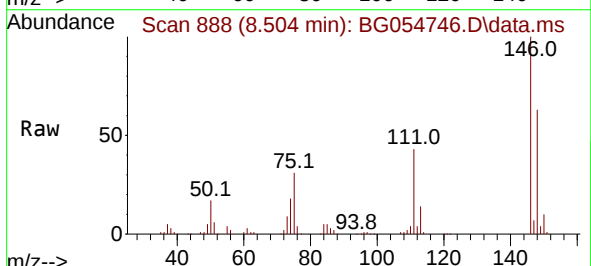
Tgt Ion:146 Resp: 164002

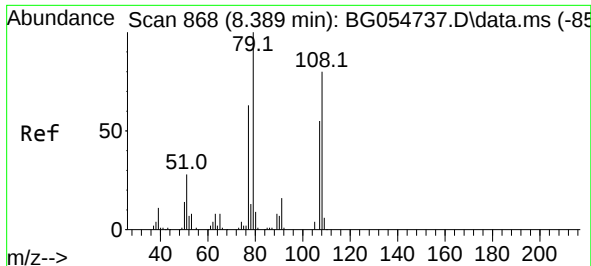
Ion Ratio Lower Upper

146 100

148 63.2 51.2 76.8

111 42.8 34.3 51.5





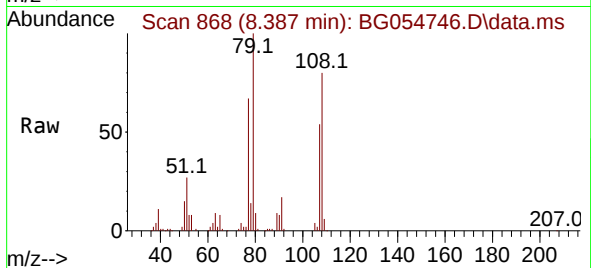
#15
Benzyl Alcohol
Concen: 45.737 ng
RT: 8.387 min Scan# 868
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

PB147133BS

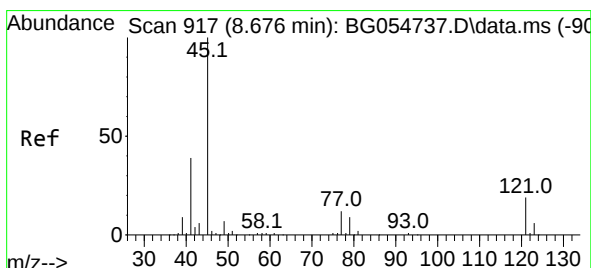
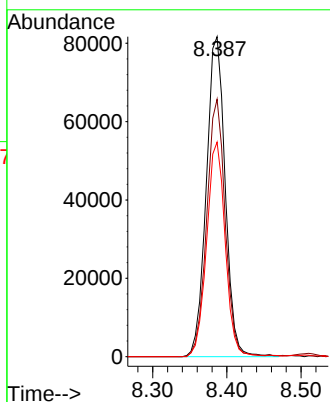
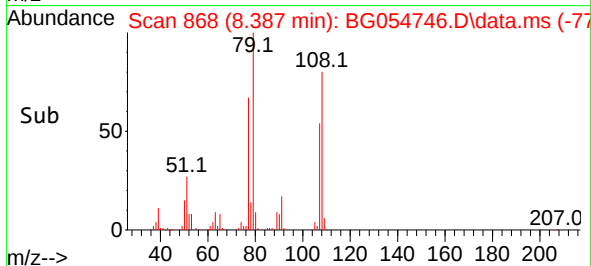


Tgt Ion: 79 Resp: 144470
Ion Ratio Lower Upper
79 100
108 80.5 63.4 95.0
77 67.0 55.0 82.4

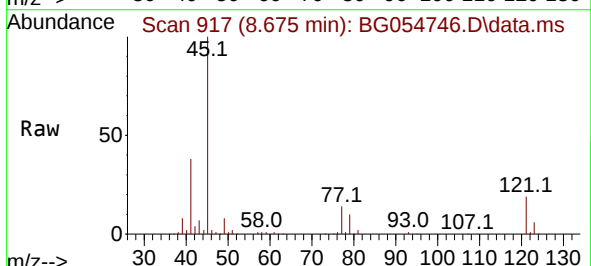
Manual Integrations

APPROVED

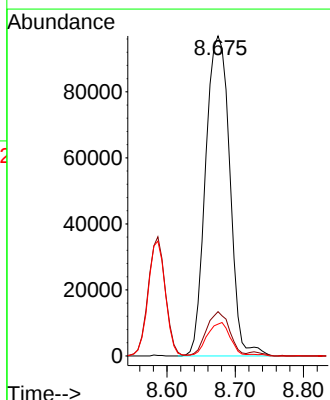
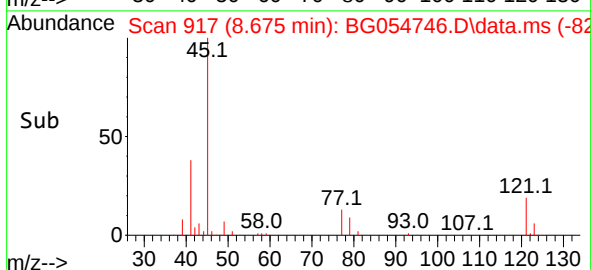
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

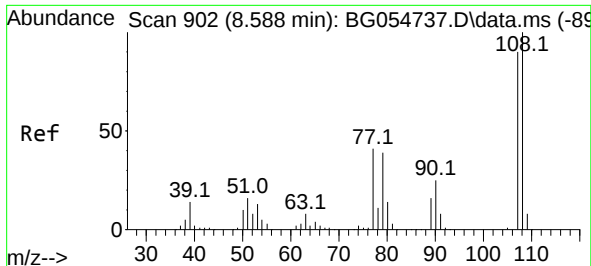


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.242 ng
RT: 8.675 min Scan# 917
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56



Tgt Ion: 45 Resp: 239043
Ion Ratio Lower Upper
45 100
77 13.8 0.0 32.8
79 9.9 0.0 30.4





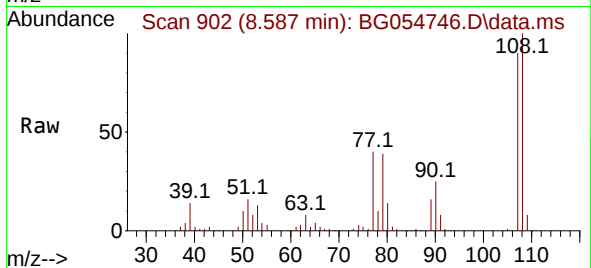
#17
2-Methylphenol
Concen: 45.990 ng
RT: 8.587 min Scan# 902
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

PB147133BS

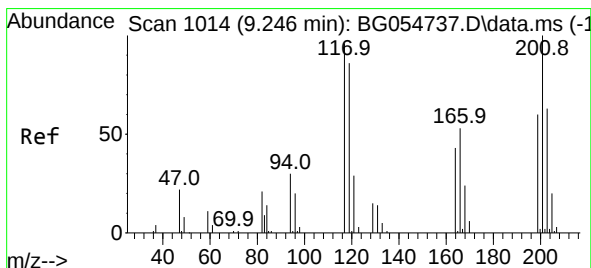
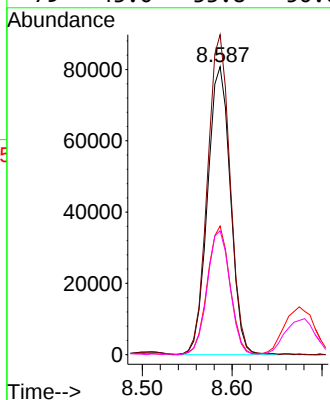
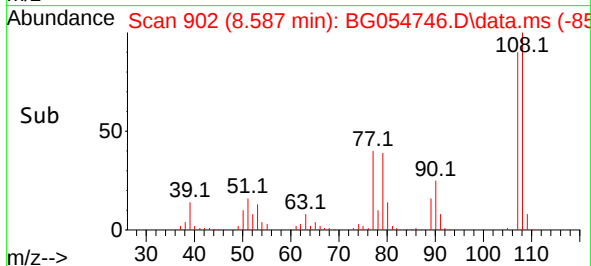


Tgt Ion:107 Resp: 142385
Ion Ratio Lower Upper
107 100
108 111.1 85.6 128.4
77 44.7 35.8 53.8
79 43.0 33.8 50.6

Manual Integrations

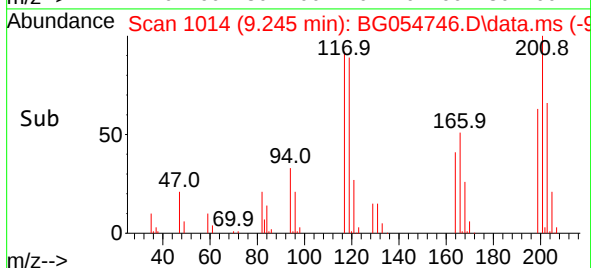
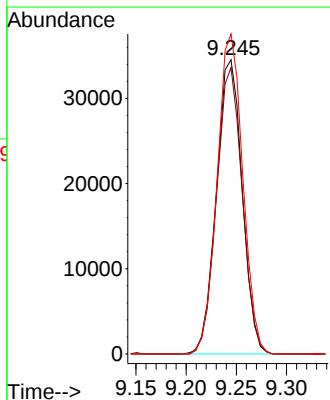
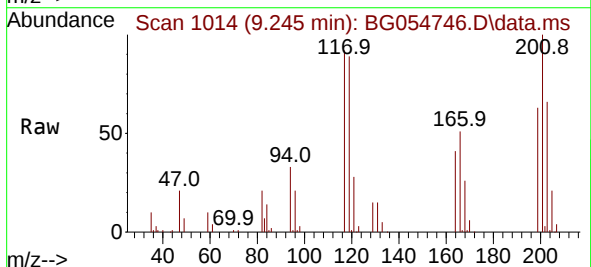
APPROVED

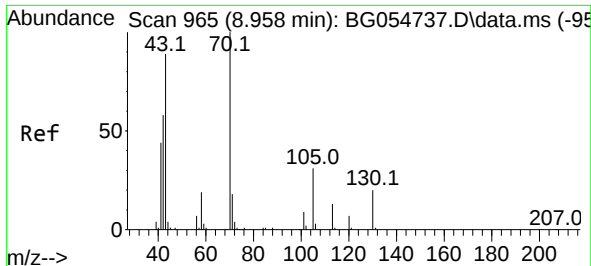
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#18
Hexachloroethane
Concen: 41.742 ng
RT: 9.245 min Scan# 1014
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Tgt Ion:117 Resp: 61720
Ion Ratio Lower Upper
117 100
119 97.3 77.0 115.6
201 108.7 87.2 130.8





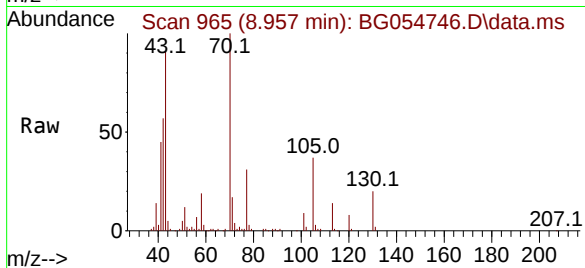
#19
n-Nitroso-di-n-propylamine
Concen: 42.516 ng
RT: 8.957 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

PB147133BS

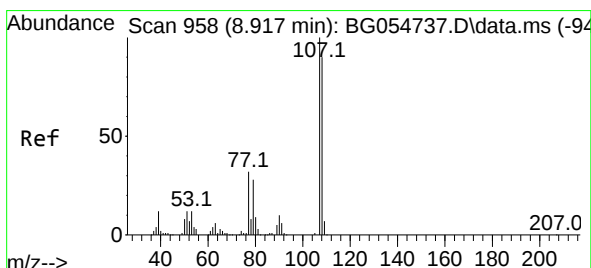
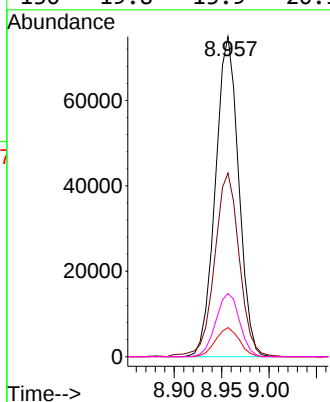
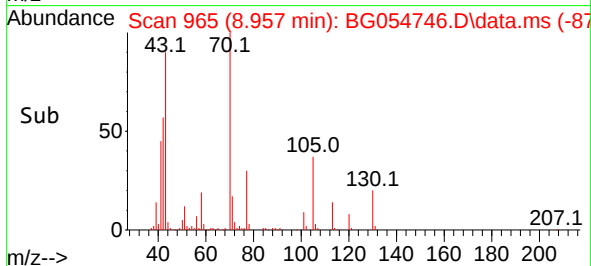


Tgt Ion: 70 Resp: 127840
Ion Ratio Lower Upper
70 100
42 57.4 46.6 69.8
101 9.1 7.7 11.5
130 19.8 13.9 20.9

Manual Integrations

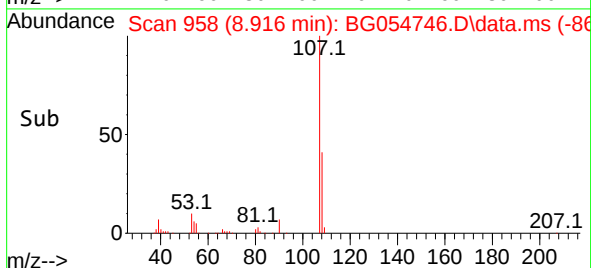
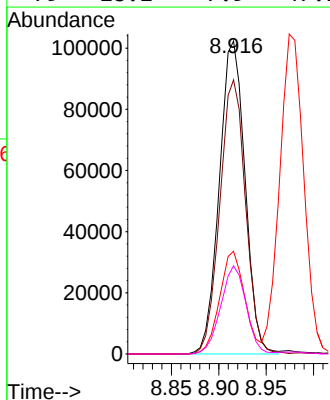
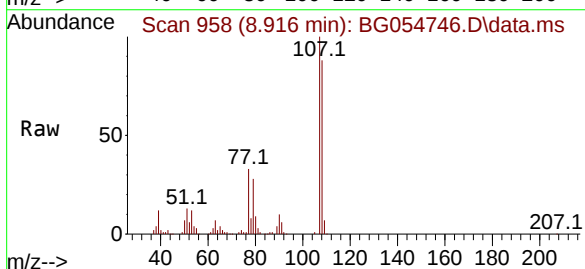
APPROVED

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



#20
3+4-Methylphenols
Concen: 44.890 ng
RT: 8.916 min Scan# 958
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Tgt Ion:107 Resp: 192719
Ion Ratio Lower Upper
107 100
108 87.6 71.6 111.6
77 32.9 13.1 53.1
79 28.2 7.9 47.9





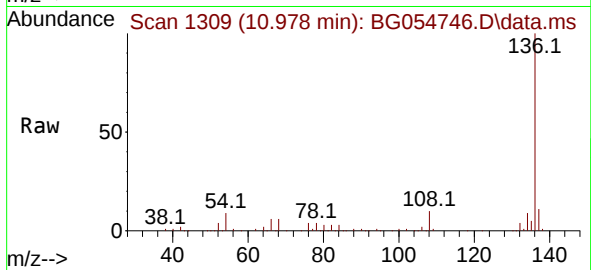
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.978 min Scan# 1309
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

PB147133BS

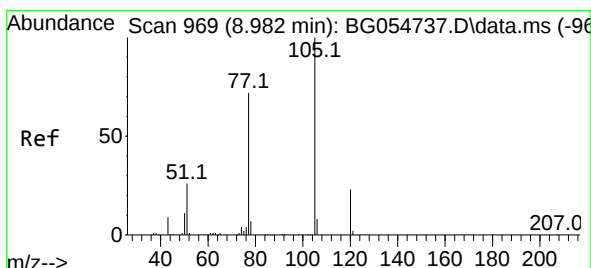
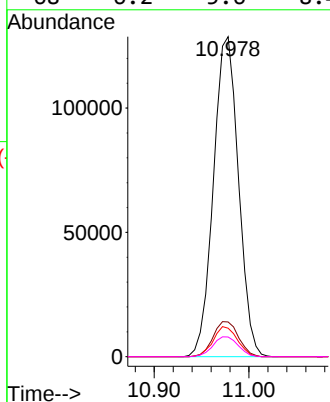
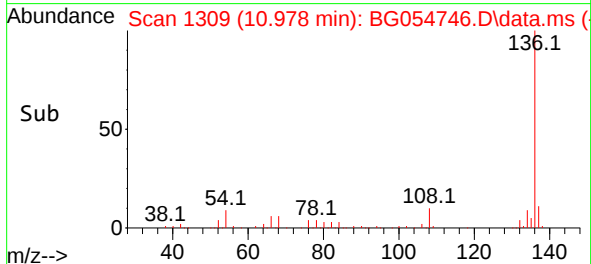


Tgt Ion:136 Resp: 23618
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 8.9 7.7 11.5
68 6.2 5.6 8.4

Manual Integrations

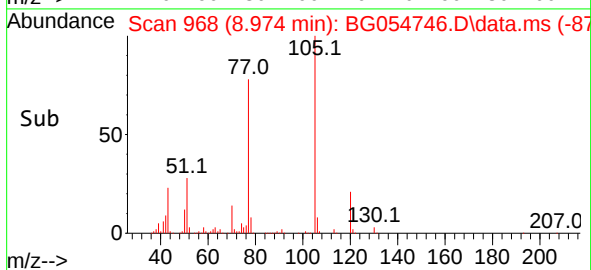
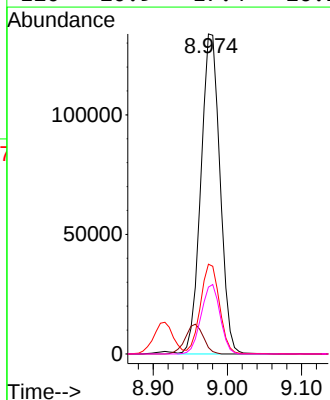
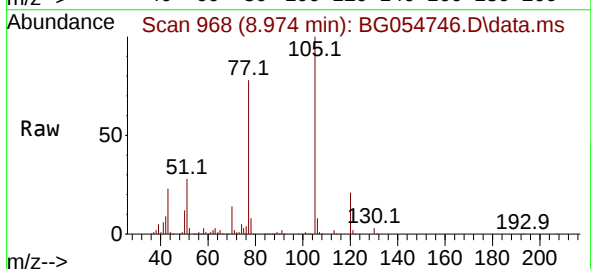
APPROVED

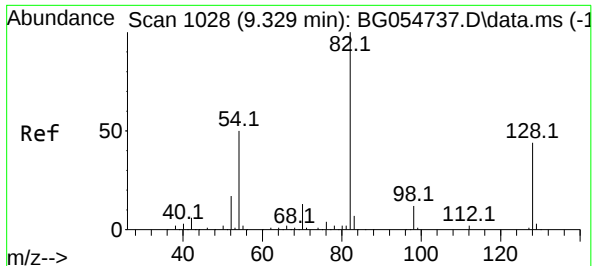
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#22
Acetophenone
Concen: 40.611 ng
RT: 8.974 min Scan# 968
Delta R.T. -0.008 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Tgt Ion:105 Resp: 239962
Ion Ratio Lower Upper
105 100
71 2.0 1.2 1.8#
51 28.1 22.9 34.3
120 20.9 17.4 26.2





#23

Nitrobenzene-d5

Concen: 75.424 ng

RT: 9.321 min Scan# 1027

Delta R.T. -0.008 min

Lab File: BG054746.D

Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

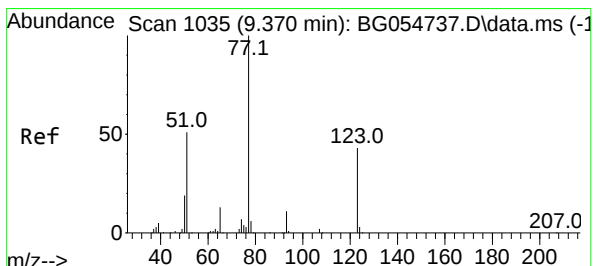
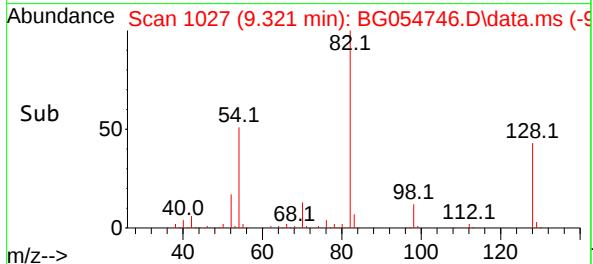
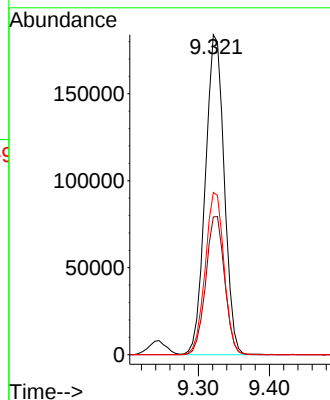
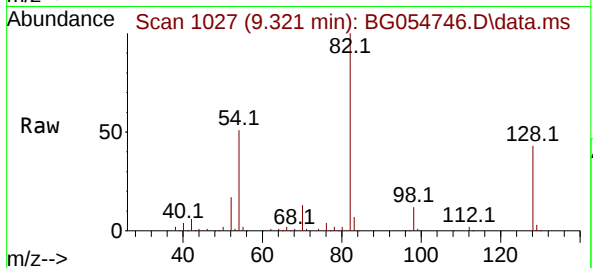
PB147133BS

Tgt Ion: 82 Resp: 339334
 Ion Ratio Lower Upper
 82 100
 128 43.0 32.2 48.2
 54 50.7 41.4 62.0

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 39.153 ng

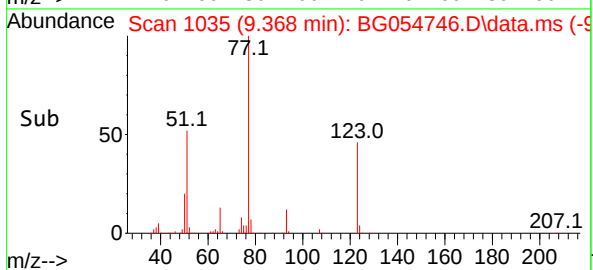
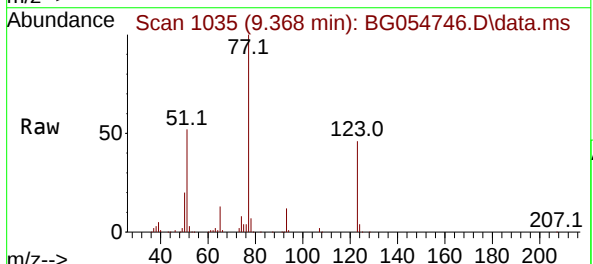
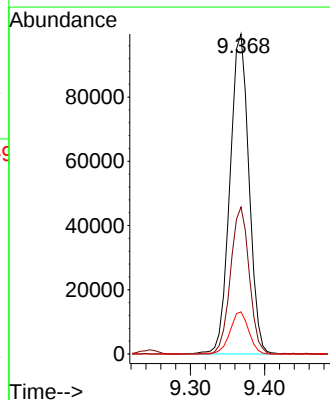
RT: 9.368 min Scan# 1035

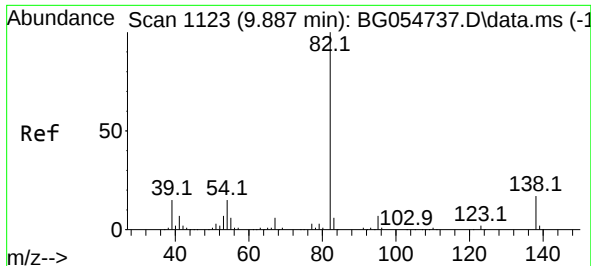
Delta R.T. -0.002 min

Lab File: BG054746.D

Acq: 25 Aug 2022 21:56

Tgt Ion: 77 Resp: 177547
 Ion Ratio Lower Upper
 77 100
 123 45.9 35.0 52.6
 65 13.1 10.2 15.2





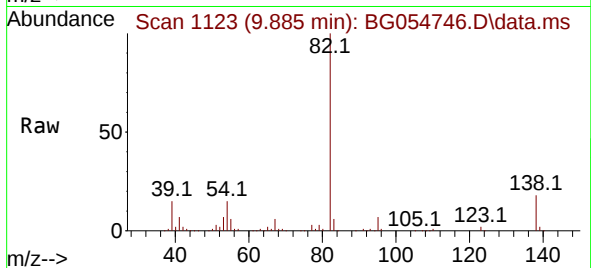
#25
Isophorone
Concen: 42.218 ng
RT: 9.885 min Scan# 1123
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

PB147133BS

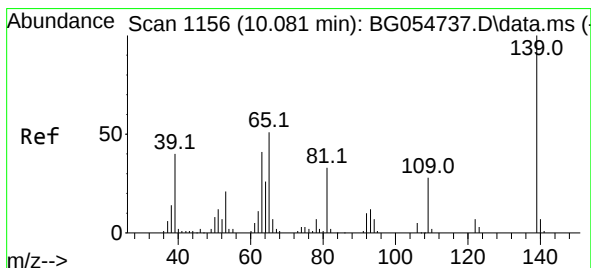
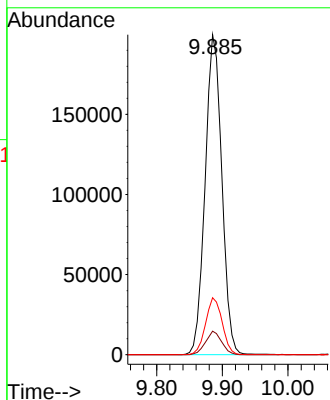
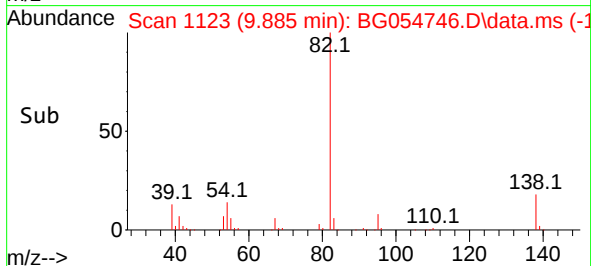


Tgt Ion: 82 Resp: 35415
Ion Ratio Lower Upper
82 100
95 7.4 5.6 8.4
138 17.8 13.9 20.9

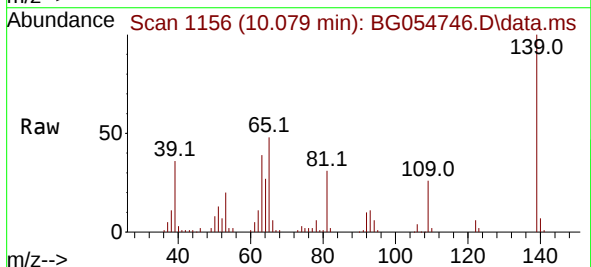
Manual Integrations

APPROVED

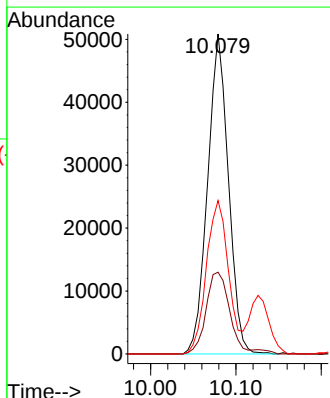
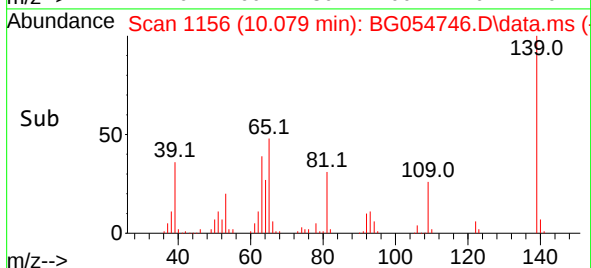
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

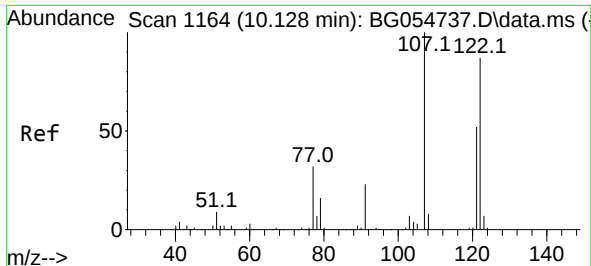


#26
2-Nitrophenol
Concen: 43.047 ng
RT: 10.079 min Scan# 1156
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56



Tgt Ion:139 Resp: 86228
Ion Ratio Lower Upper
139 100
109 25.6 21.8 32.6
65 48.0 37.4 56.0





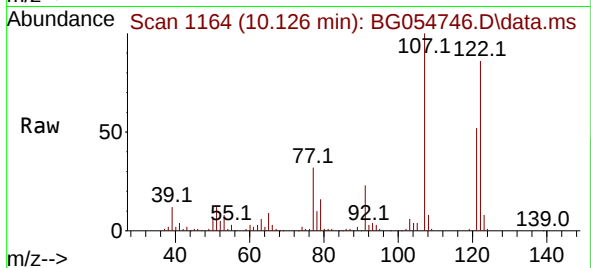
#27
2,4-Dimethylphenol
Concen: 48.275 ng
RT: 10.126 min Scan# 1164
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

PB147133BS

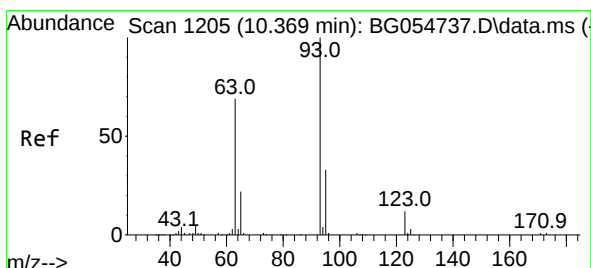
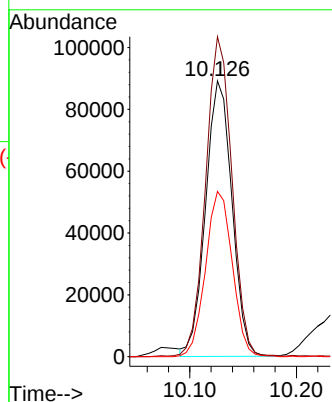
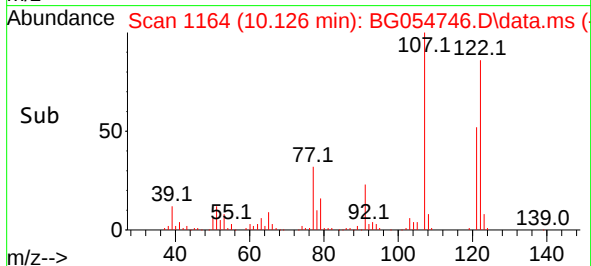


Tgt Ion:122 Resp: 15321
Ion Ratio Lower Upper
122 100
107 116.0 94.6 142.0
121 60.0 49.8 74.6

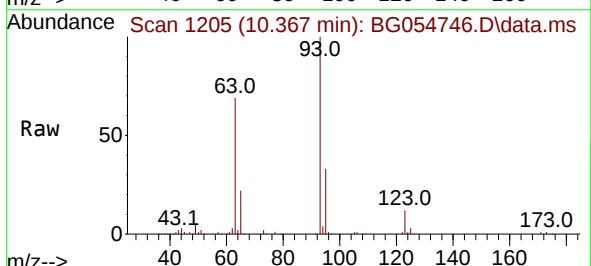
Manual Integrations

APPROVED

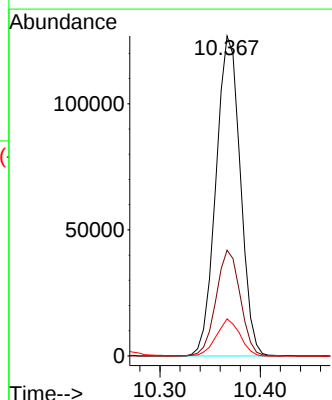
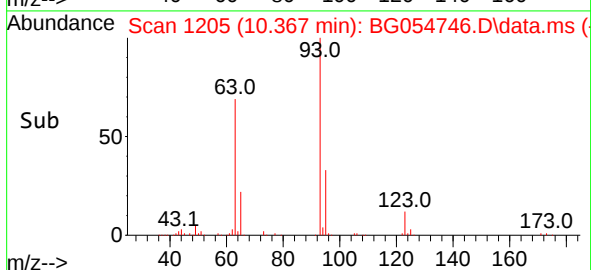
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

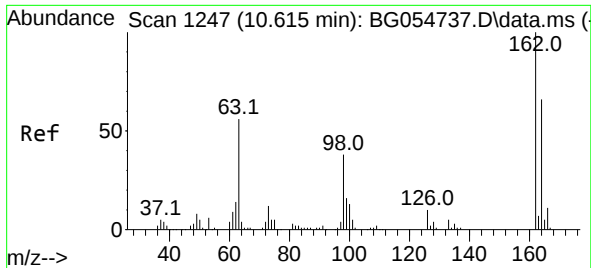


#28
bis(2-Chloroethoxy)methane
Concen: 44.726 ng
RT: 10.367 min Scan# 1205
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56



Tgt Ion: 93 Resp: 213795
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.2
123 11.6 8.4 12.6





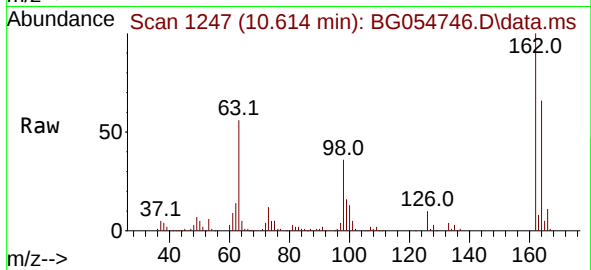
#29
2,4-Dichlorophenol
Concen: 43.801 ng
RT: 10.614 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

PB147133BS

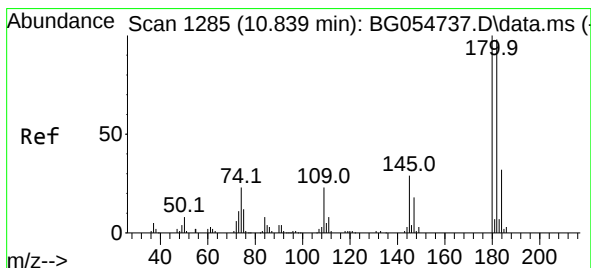
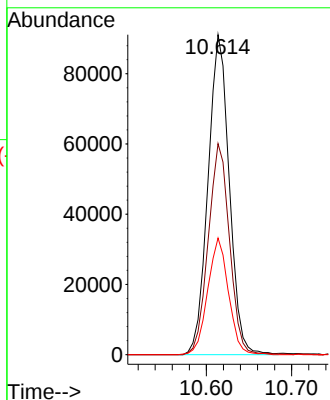
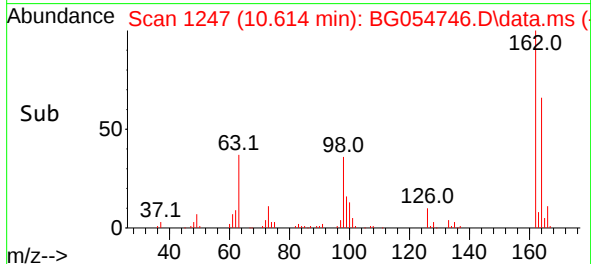


Tgt Ion:162 Resp: 15811
Ion Ratio Lower Upper
162 100
164 66.0 47.2 87.2
98 36.5 16.6 56.6

Manual Integrations

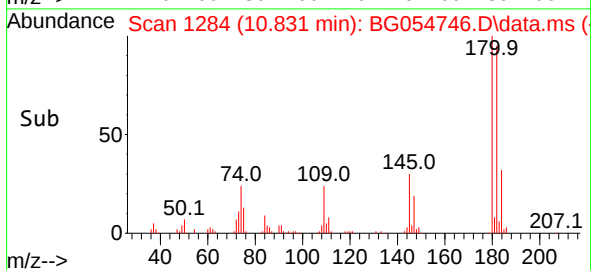
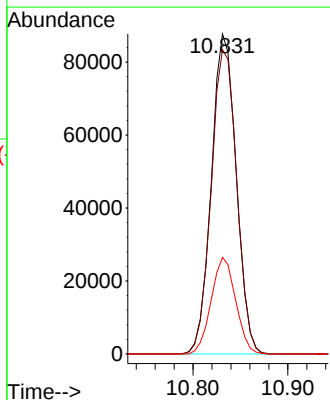
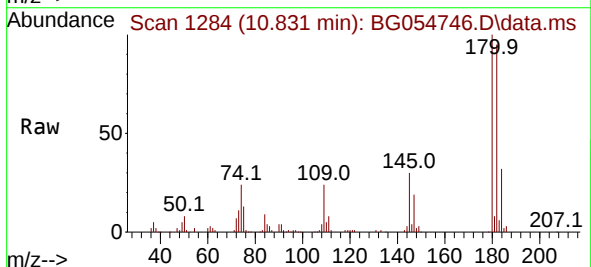
APPROVED

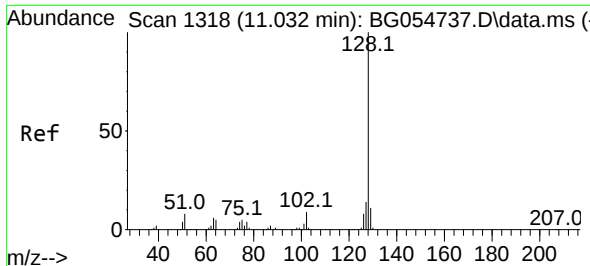
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#30
1,2,4-Trichlorobenzene
Concen: 38.660 ng
RT: 10.831 min Scan# 1284
Delta R.T. -0.008 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

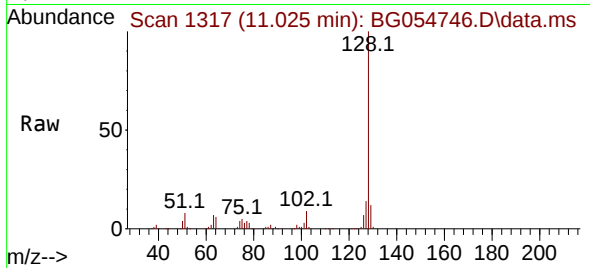
Tgt Ion:180 Resp: 159484
Ion Ratio Lower Upper
180 100
182 95.1 77.0 115.6
145 30.2 24.0 36.0





#31
Naphthalene
Concen: 38.787 ng
RT: 11.025 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

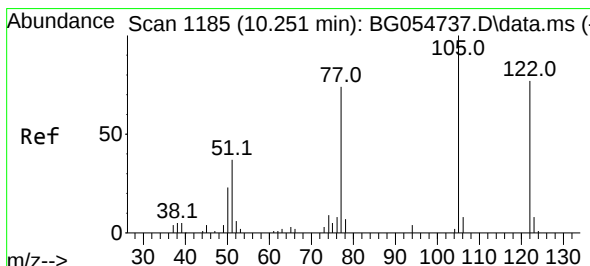
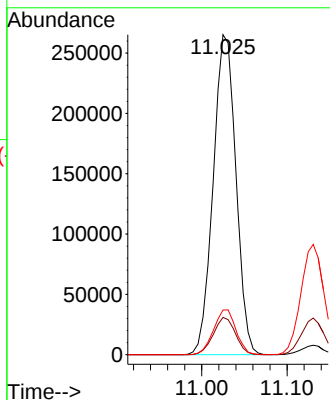
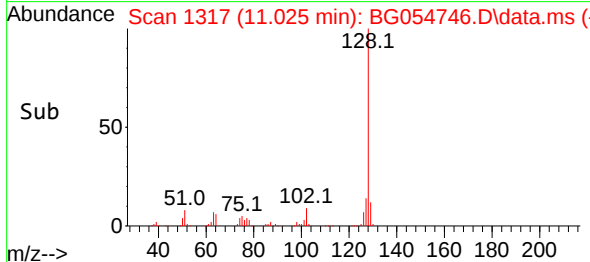
Instrument :
BNA_G
ClientSampleId :
PB147133BS



Tgt Ion:128 Resp: 491504
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 14.0 11.1 16.7

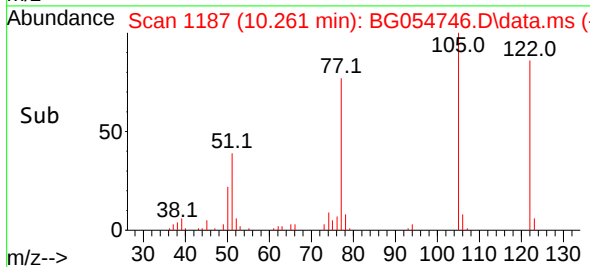
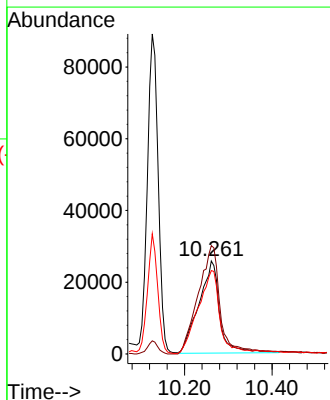
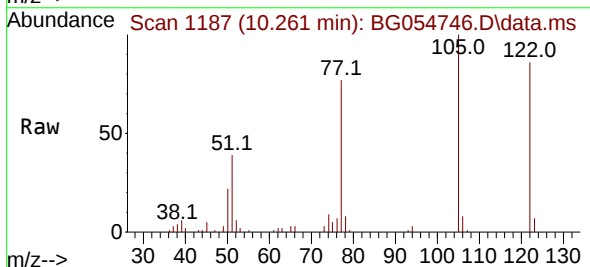
Manual Integrations
APPROVED

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



#32
Benzoic acid
Concen: 39.272 ng
RT: 10.261 min Scan# 1187
Delta R.T. 0.010 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Tgt Ion:122 Resp: 85146
Ion Ratio Lower Upper
122 100
105 116.5 101.5 141.5
77 89.7 69.3 109.3





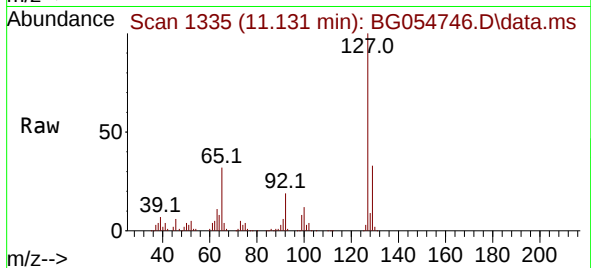
#33
4-Chloroaniline
Concen: 33.533 ng
RT: 11.131 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

PB147133BS

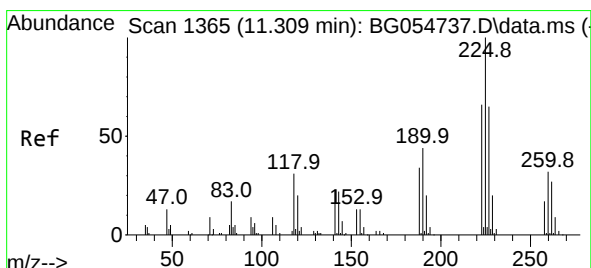
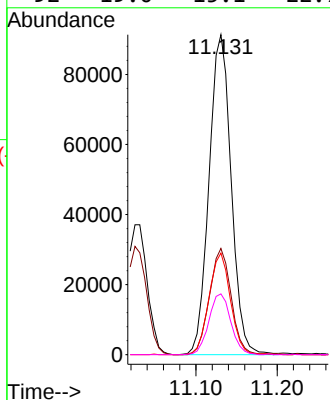
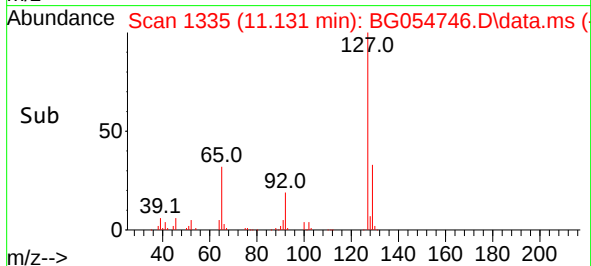


Tgt Ion:127 Resp: 17323
Ion Ratio Lower Upper
127 100
129 33.2 26.0 39.0
65 31.7 25.8 38.8
92 19.0 15.1 22.7

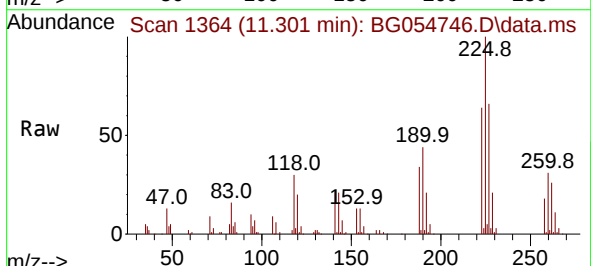
Manual Integrations

APPROVED

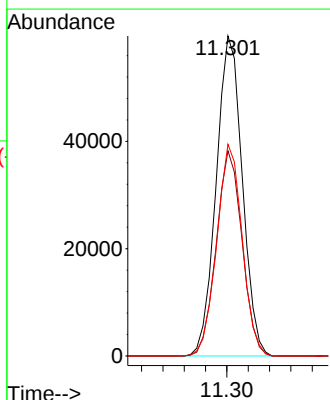
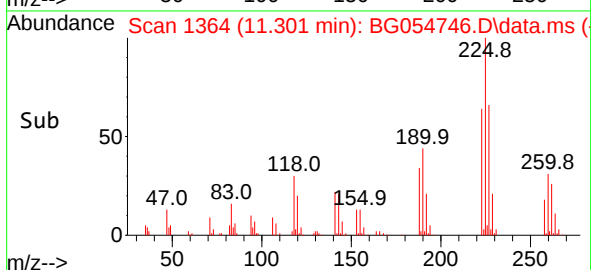
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

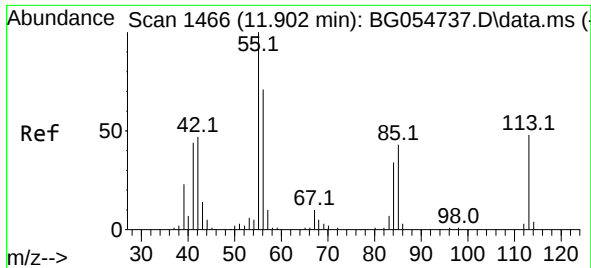


#34
Hexachlorobutadiene
Concen: 38.312 ng
RT: 11.301 min Scan# 1364
Delta R.T. -0.008 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56



Tgt Ion:225 Resp: 101264
Ion Ratio Lower Upper
225 100
223 64.1 51.4 77.0
227 66.2 52.6 79.0





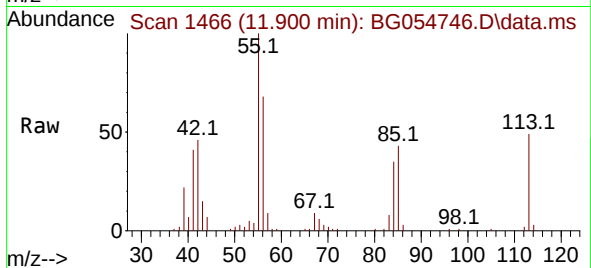
#35
Caprolactam
Concen: 44.687 ng m
RT: 11.900 min Scan# 1466
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

PB147133BS

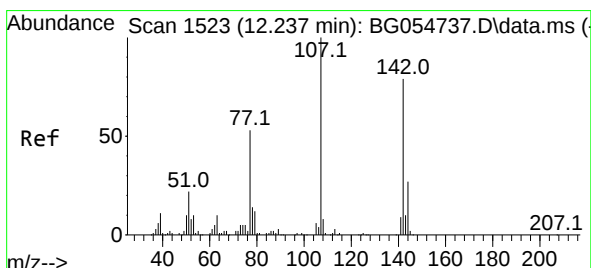
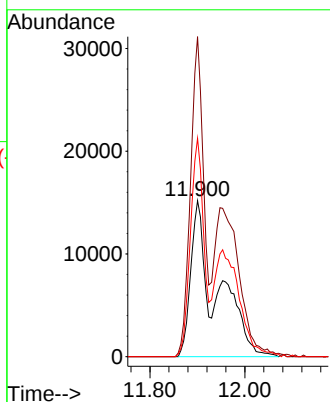
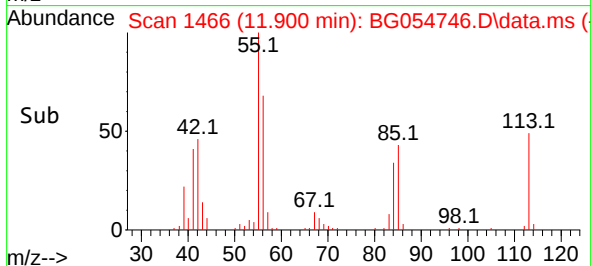


Tgt Ion:113 Resp: 56912
Ion Ratio Lower Upper
113 100
55 205.2 179.1 219.1
56 140.1 120.8 160.8

Manual Integrations

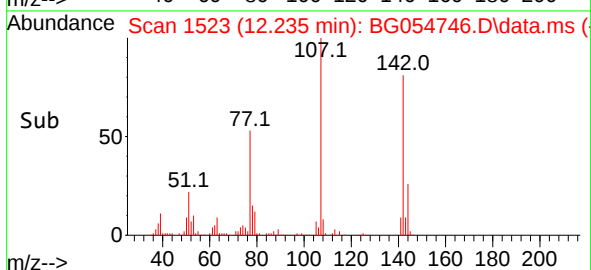
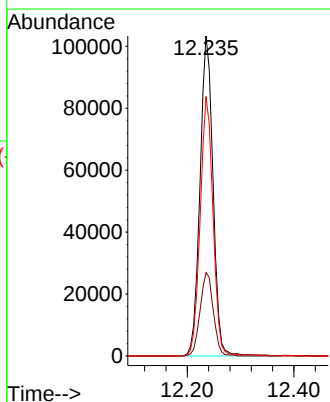
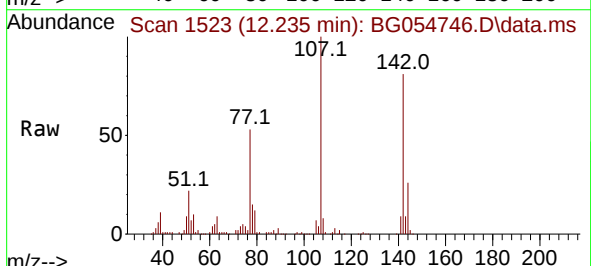
APPROVED

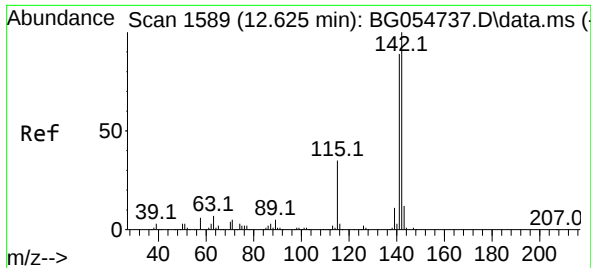
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#36
4-Chloro-3-methylphenol
Concen: 44.350 ng
RT: 12.235 min Scan# 1523
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Tgt Ion:107 Resp: 175074
Ion Ratio Lower Upper
107 100
144 26.1 22.4 33.6
142 81.1 65.8 98.8





#37
2-Methylnaphthalene
Concen: 39.765 ng
RT: 12.623 min Scan# 1589
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

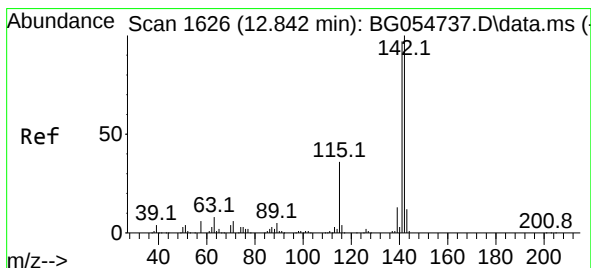
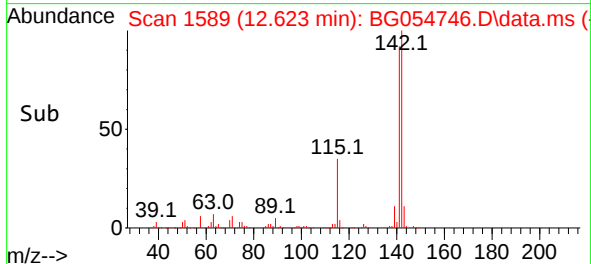
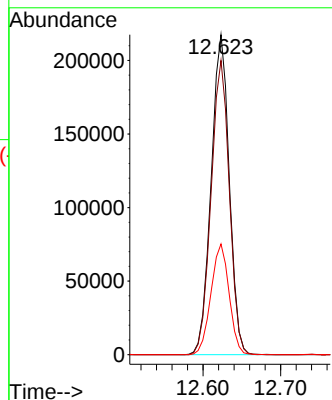
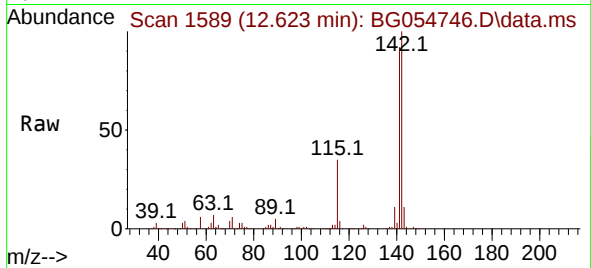
PB147133BS

Tgt Ion:142 Resp: 353170
Ion Ratio Lower Upper
142 100
141 92.0 73.0 109.4
115 34.6 27.3 40.9

Manual Integrations

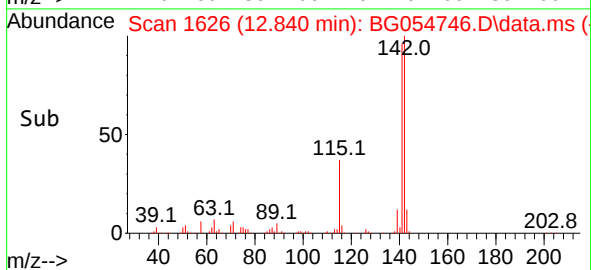
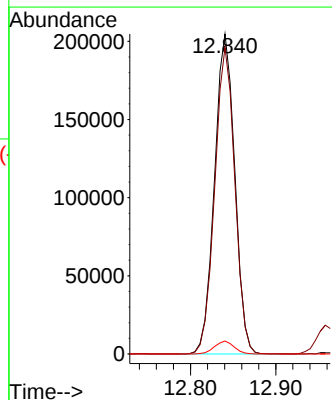
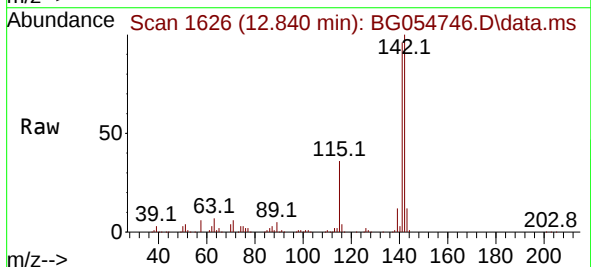
APPROVED

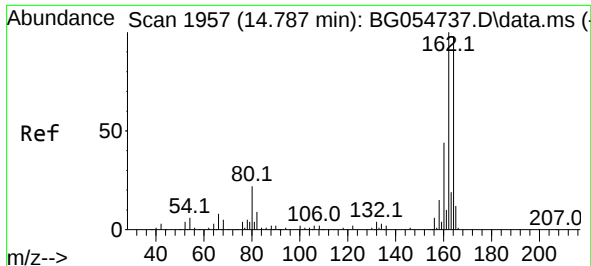
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#38
1-Methylnaphthalene
Concen: 39.066 ng
RT: 12.840 min Scan# 1626
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Tgt Ion:142 Resp: 337570
Ion Ratio Lower Upper
142 100
141 95.7 77.4 116.0
116 4.1 3.0 4.4





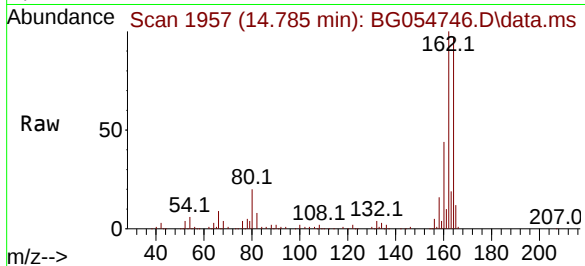
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.785 min Scan# 1957
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

PB147133BS

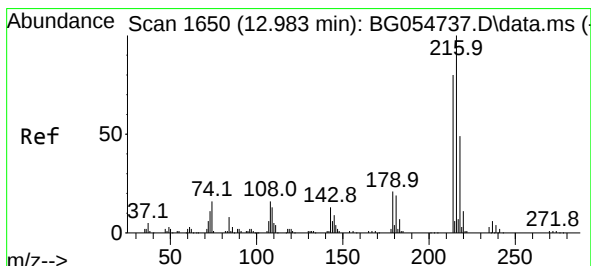
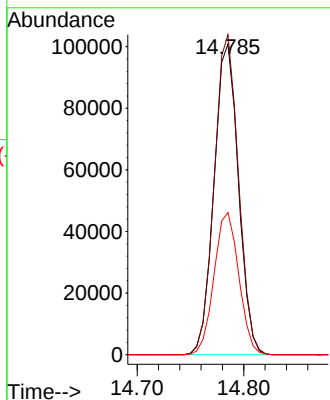
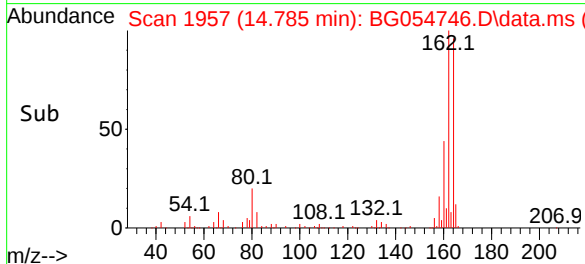


Tgt Ion:164 Resp: 160000
Ion Ratio Lower Upper
164 100
162 103.0 83.0 124.4
160 45.8 38.0 57.0

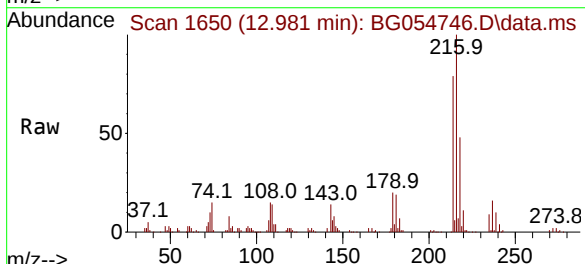
Manual Integrations

APPROVED

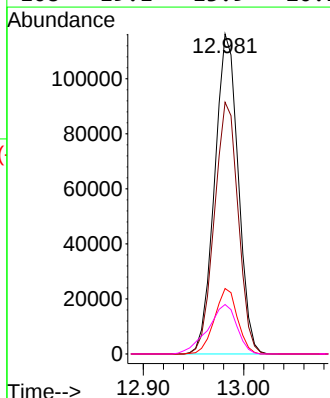
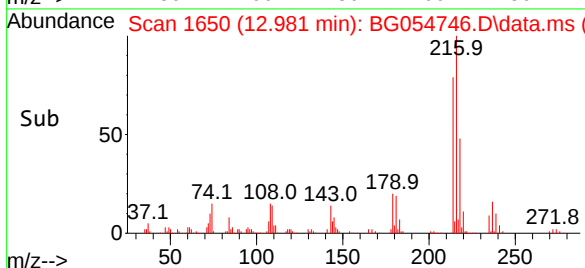
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

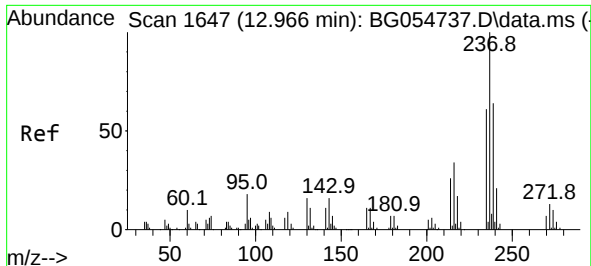


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.230 ng
RT: 12.981 min Scan# 1650
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56



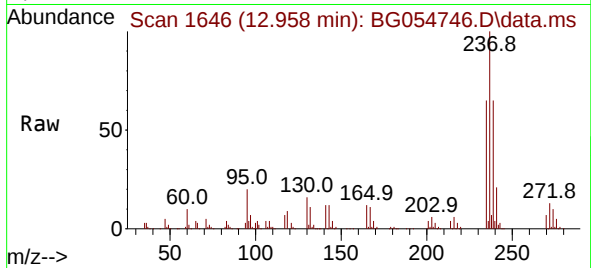
Tgt Ion:216 Resp: 189217
Ion Ratio Lower Upper
216 100
214 79.3 63.2 94.8
179 20.0 16.5 24.7
108 19.1 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 96.316 ng
RT: 12.958 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

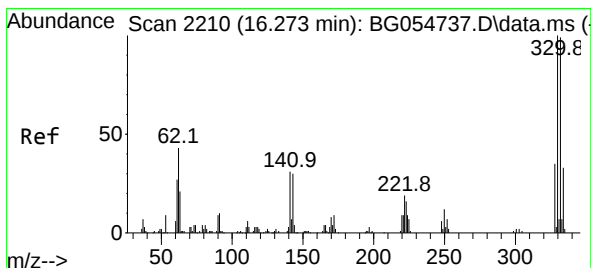
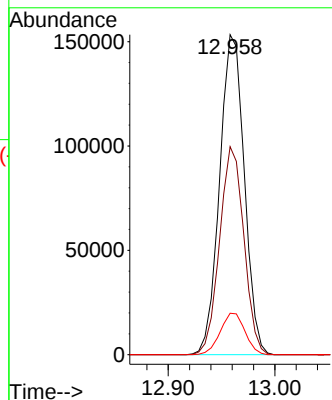
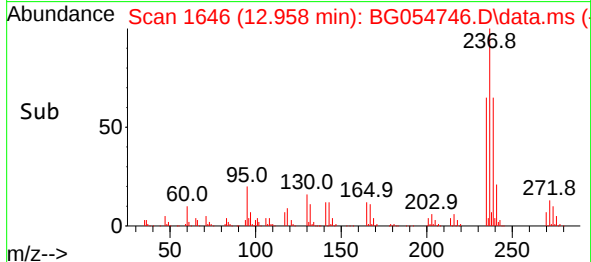
Instrument :
BNA_G
ClientSampleId :
PB147133BS



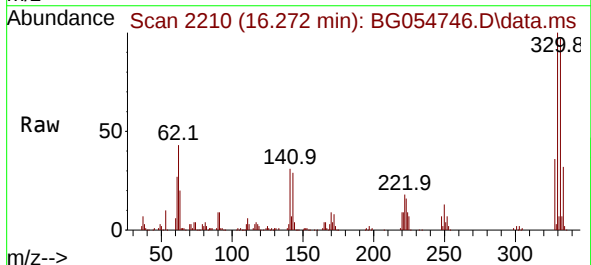
Tgt Ion: 237 Resp: 246372
Ion Ratio Lower Upper
237 100
235 65.0 42.2 82.2
272 13.0 0.0 34.0

Manual Integrations
APPROVED

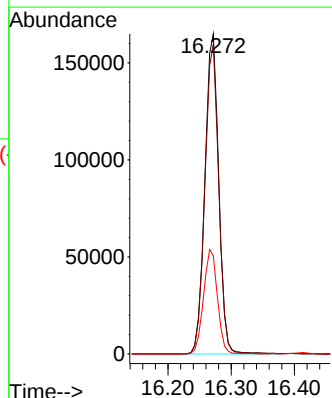
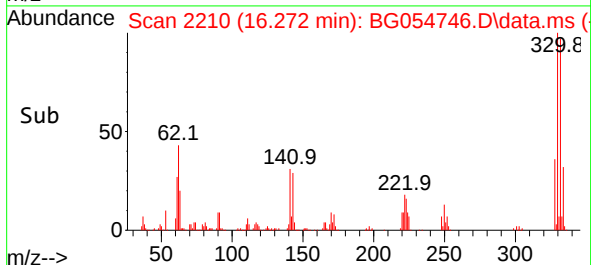
Reviewed By : Christian Giraldo 08/26/2022
Supervised By : Jagrut Upadhyay 08/26/2022



#42
2,4,6-Tribromophenol
Concen: 125.198 ng
RT: 16.272 min Scan# 2210
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56



Tgt Ion: 330 Resp: 250318
Ion Ratio Lower Upper
330 100
332 97.0 79.8 119.6
141 32.8 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 41.812 ng
RT: 13.216 min Scan# 1702
Delta R.T. -0.008 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

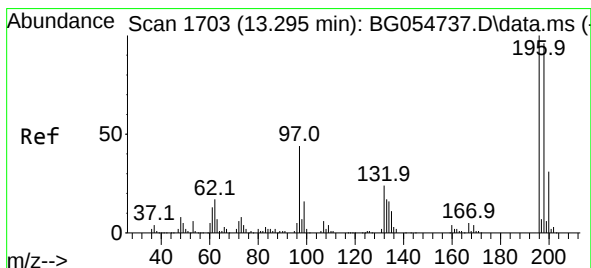
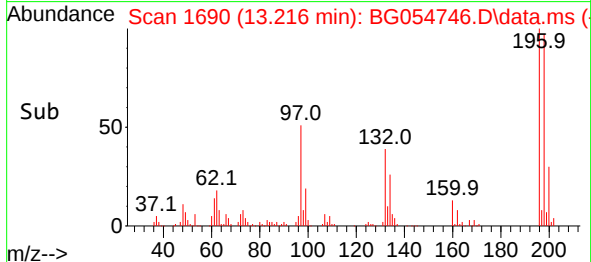
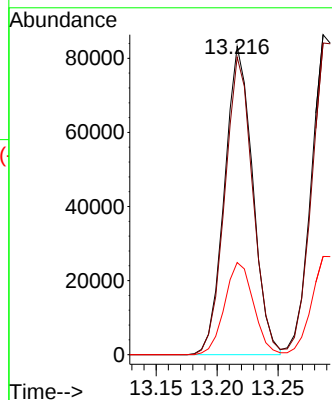
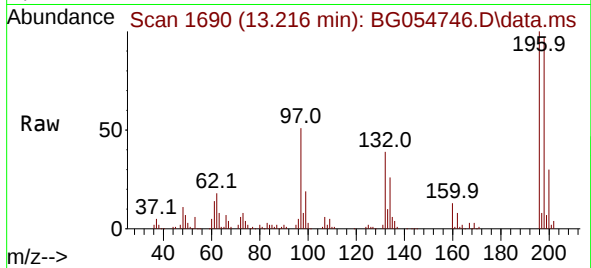
PB147133BS

Tgt Ion:196 Resp: 133860
Ion Ratio Lower Upper
196 100
198 96.5 77.1 115.7
200 29.9 24.2 36.4

Manual Integrations

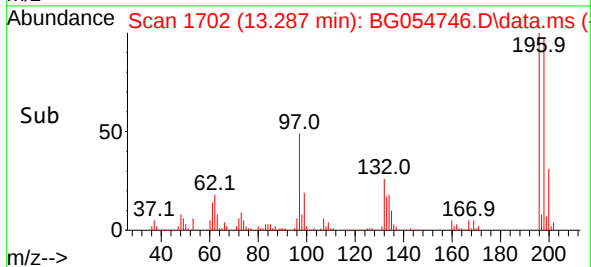
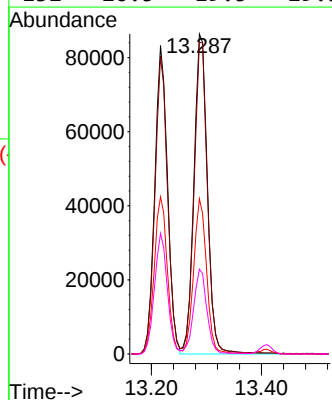
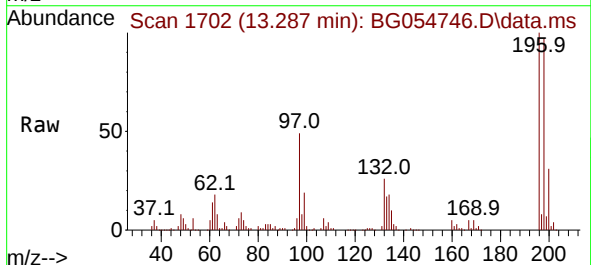
APPROVED

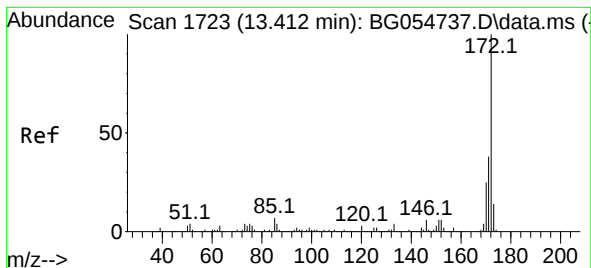
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#44
2,4,5-Trichlorophenol
Concen: 41.030 ng
RT: 13.287 min Scan# 1702
Delta R.T. -0.008 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Tgt Ion:196 Resp: 147517
Ion Ratio Lower Upper
196 100
198 97.4 76.7 115.1
97 48.5 36.6 55.0
132 26.5 19.5 29.3





#45
2-Fluorobiphenyl
Concen: 74.897 ng
RT: 13.410 min Scan# 1723
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

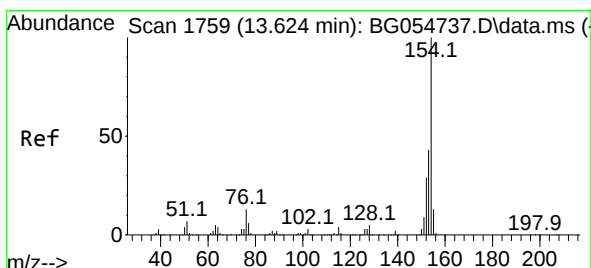
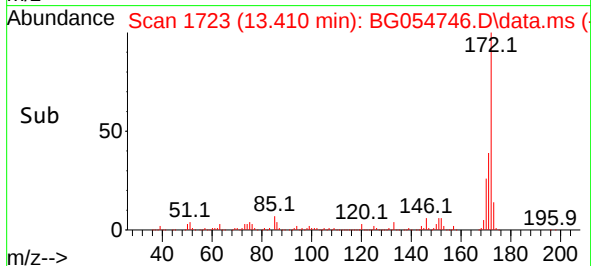
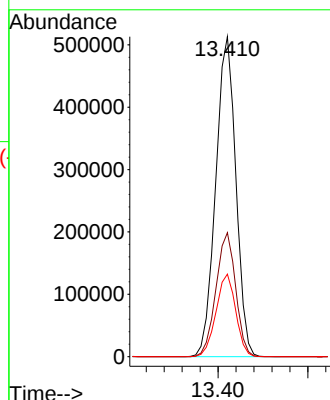
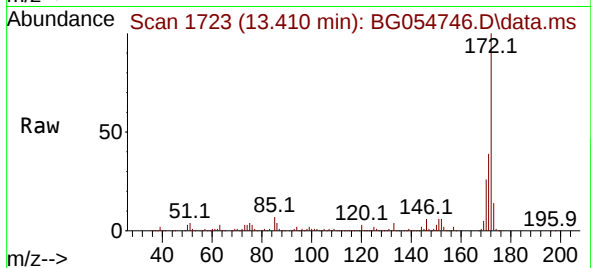
PB147133BS

Tgt Ion:172 Resp: 79732
Ion Ratio Lower Upper
172 100
171 38.8 31.2 46.8
170 25.8 20.6 30.8

Manual Integrations

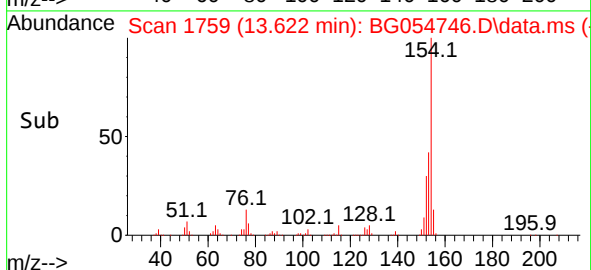
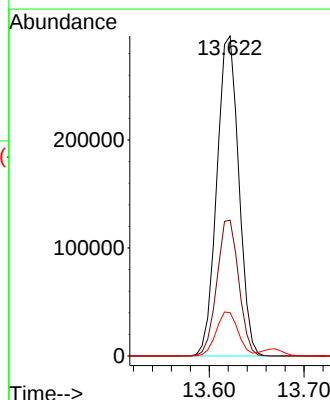
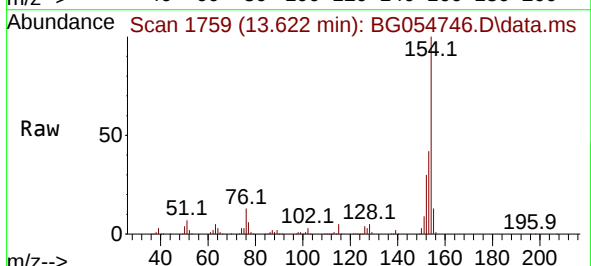
APPROVED

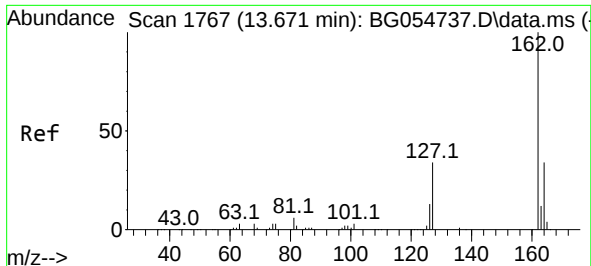
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#46
1,1'-Biphenyl
Concen: 40.096 ng
RT: 13.622 min Scan# 1759
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Tgt Ion:154 Resp: 476424
Ion Ratio Lower Upper
154 100
153 42.4 22.2 62.2
76 13.5 0.0 34.0





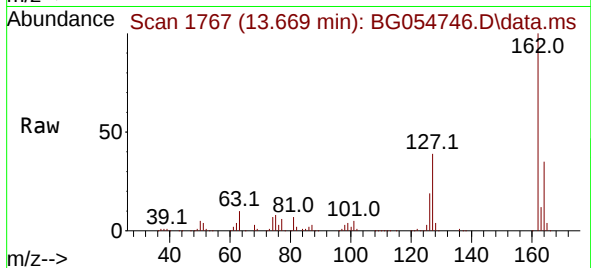
#47
2-Chloronaphthalene
Concen: 38.889 ng
RT: 13.669 min Scan# 1767
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

PB147133BS

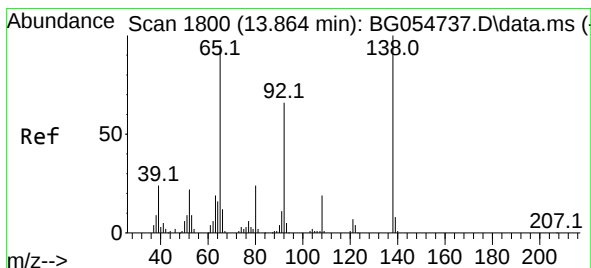
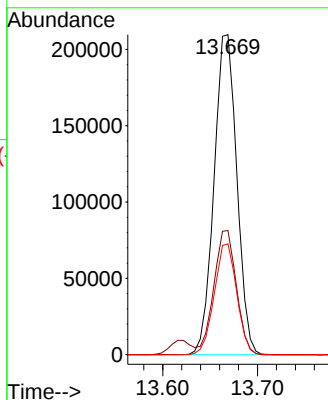
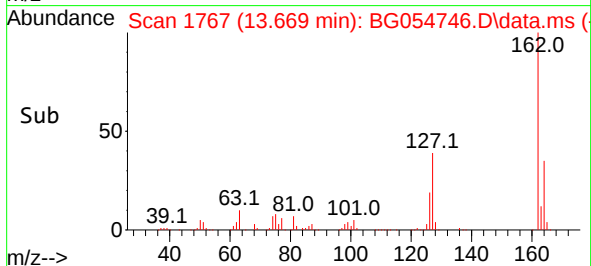


Tgt Ion:162 Resp: 35093
Ion Ratio Lower Upper
162 100
127 38.8 31.5 47.3
164 34.6 27.8 41.6

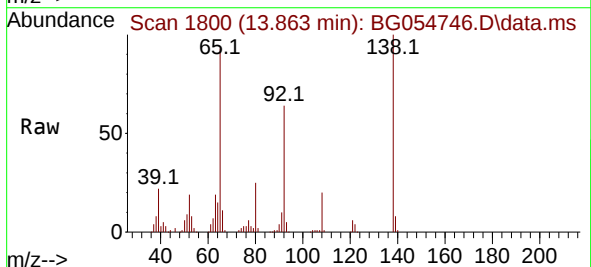
Manual Integrations

APPROVED

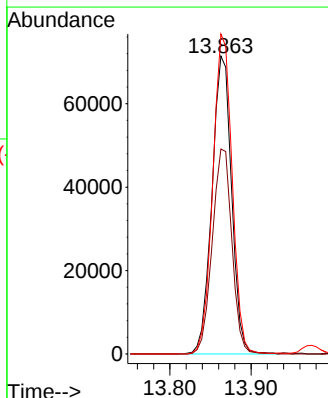
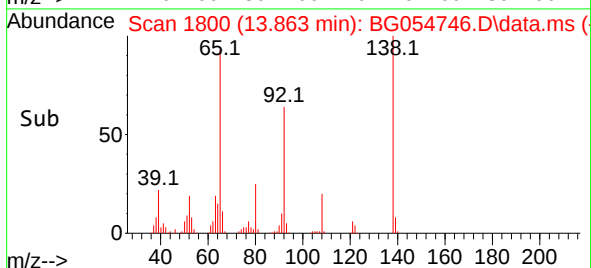
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

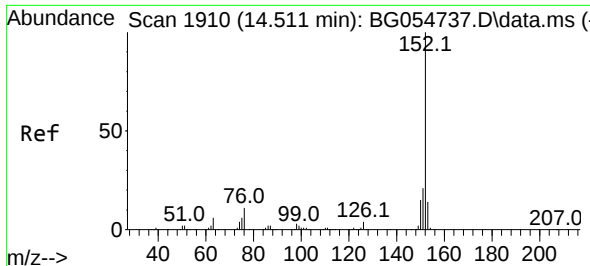


#48
2-Nitroaniline
Concen: 42.348 ng
RT: 13.863 min Scan# 1800
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56



Tgt Ion: 65 Resp: 119762
Ion Ratio Lower Upper
65 100
92 68.8 54.7 82.1
138 107.4 84.1 126.1





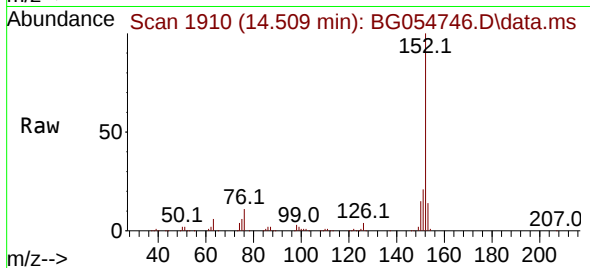
#49
Acenaphthylene
Concen: 40.053 ng
RT: 14.509 min Scan# 1910
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

PB147133BS

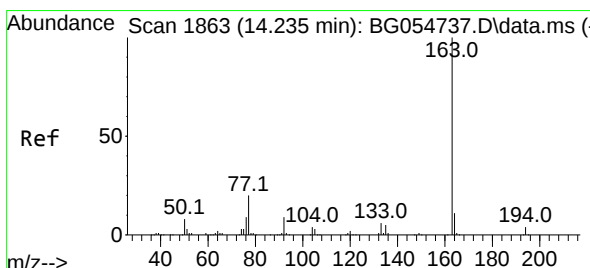
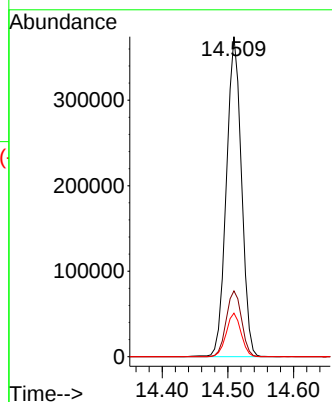
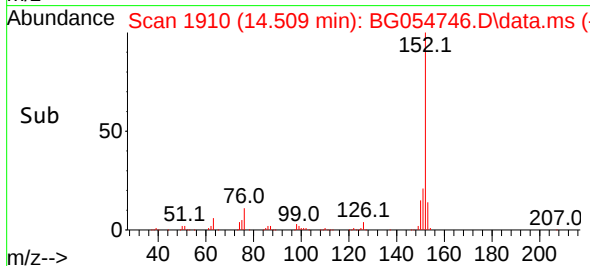


Tgt Ion:152 Resp: 596438
Ion Ratio Lower Upper
152 100
151 20.6 17.3 25.9
153 13.6 10.8 16.2

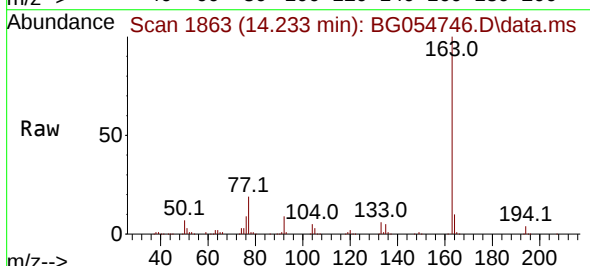
Manual Integrations

APPROVED

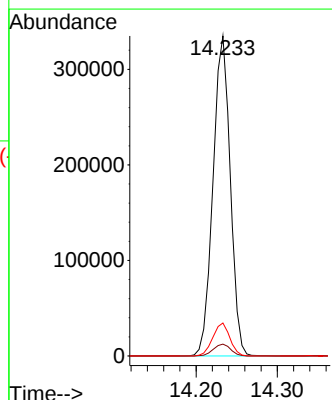
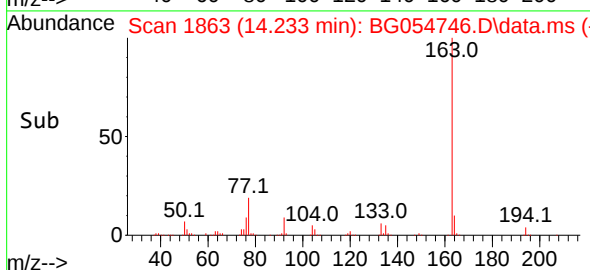
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

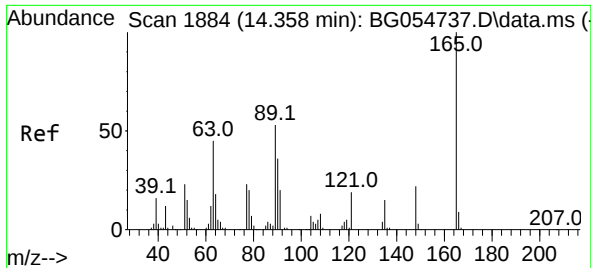


#50
Dimethylphthalate
Concen: 40.051 ng
RT: 14.233 min Scan# 1863
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56



Tgt Ion:163 Resp: 493712
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.3 8.0 12.0





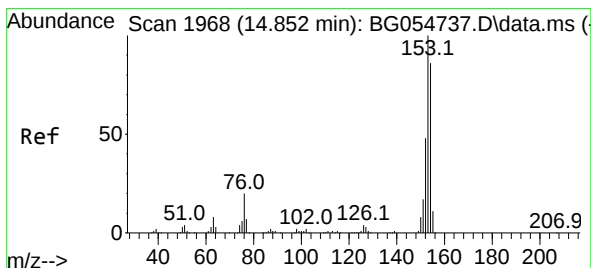
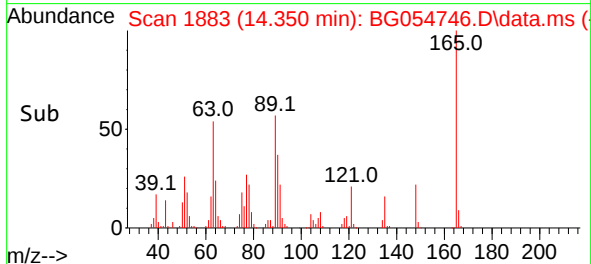
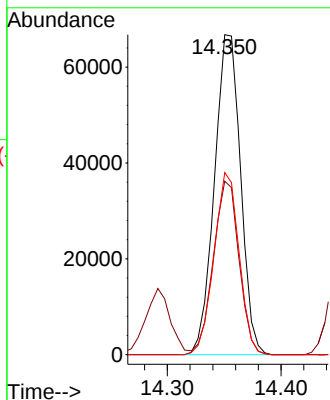
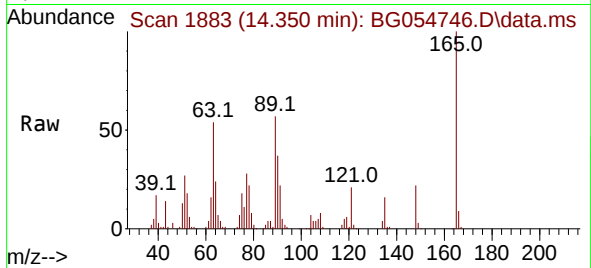
#51
2,6-Dinitrotoluene
Concen: 42.298 ng
RT: 14.350 min Scan# 1884
Delta R.T. -0.008 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :
BNA_G
ClientSampleId :
PB147133BS

Tgt Ion:165 Resp: 106648
Ion Ratio Lower Upper
165 100
63 54.2 46.0 69.0
89 56.9 50.3 75.5

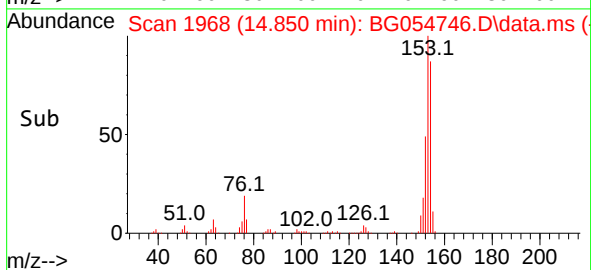
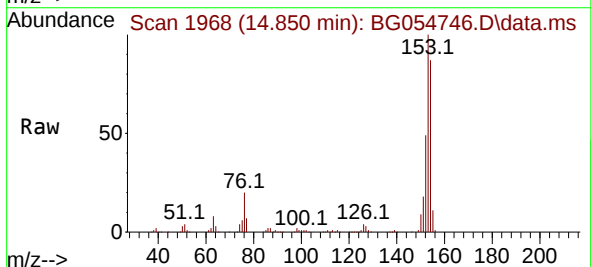
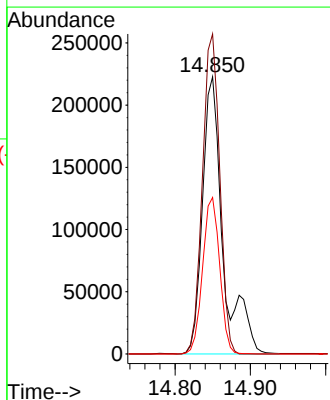
Manual Integrations
APPROVED

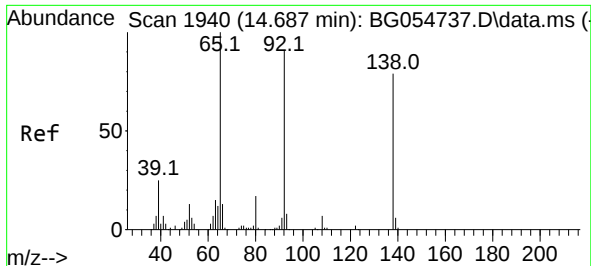
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#52
Acenaphthene
Concen: 44.194 ng m
RT: 14.850 min Scan# 1968
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Tgt Ion:154 Resp: 422730
Ion Ratio Lower Upper
154 100
153 115.5 92.8 139.2
152 56.5 45.4 68.2





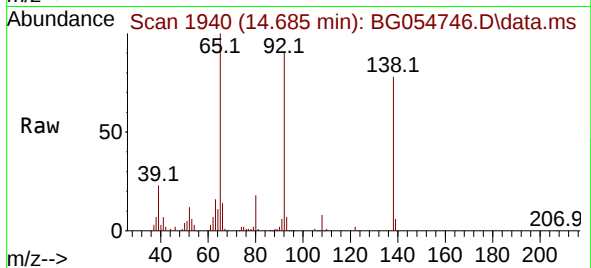
#53
3-Nitroaniline
Concen: 35.229 ng
RT: 14.685 min Scan# 1940
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

PB147133BS

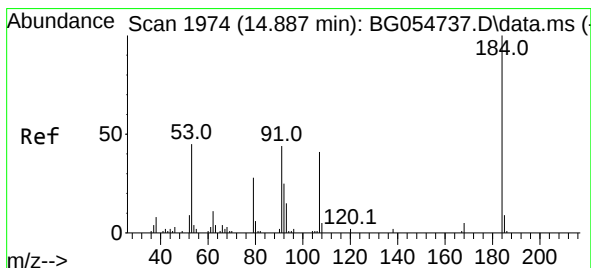
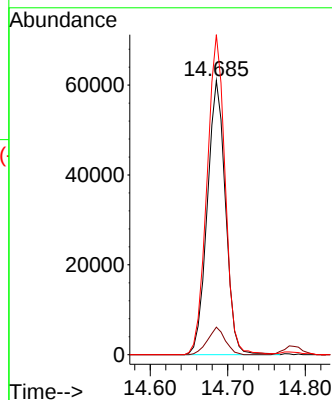
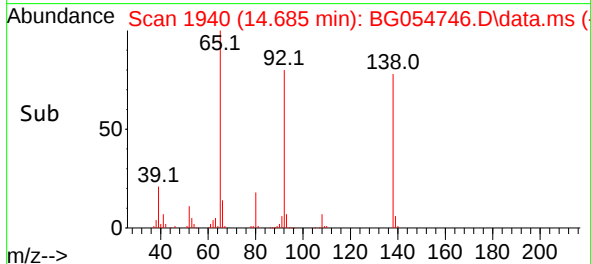


Tgt Ion:138 Resp: 99435
Ion Ratio Lower Upper
138 100
108 10.1 7.6 11.4
92 116.8 96.0 144.0

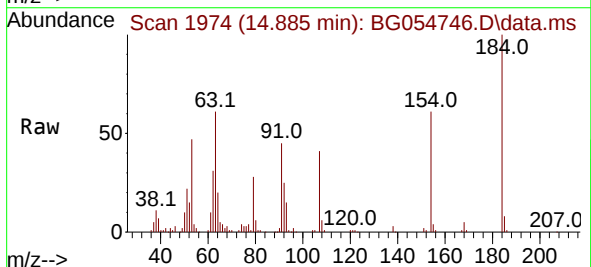
Manual Integrations

APPROVED

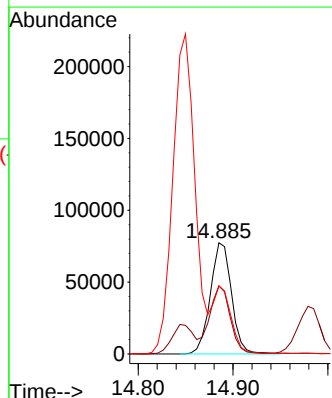
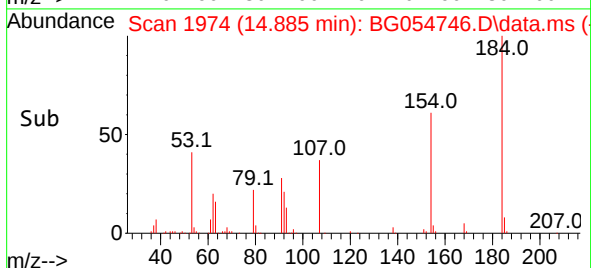
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

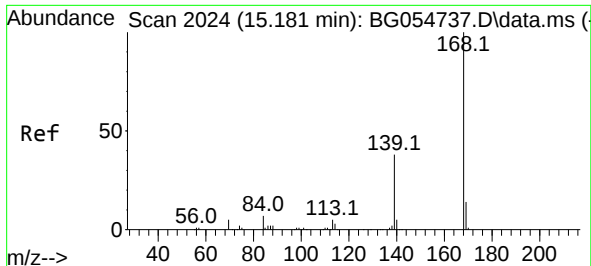


#54
2,4-Dinitrophenol
Concen: 84.079 ng
RT: 14.885 min Scan# 1974
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56



Tgt Ion:184 Resp: 120171
Ion Ratio Lower Upper
184 100
63 61.2 41.8 62.8
154 61.0 45.2 67.8





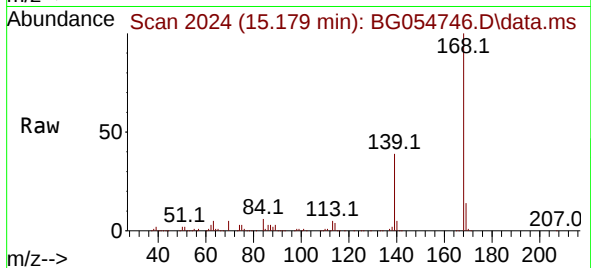
#55
Dibenzofuran
Concen: 39.727 ng
RT: 15.179 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

PB147133BS

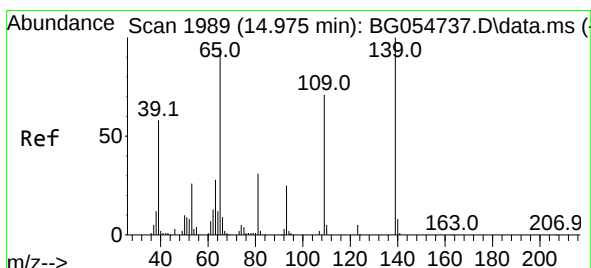
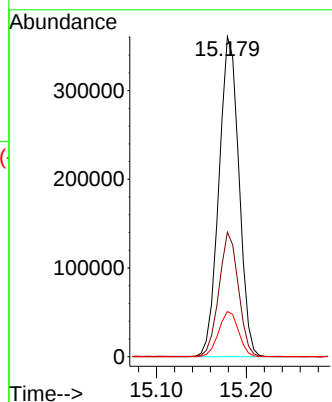
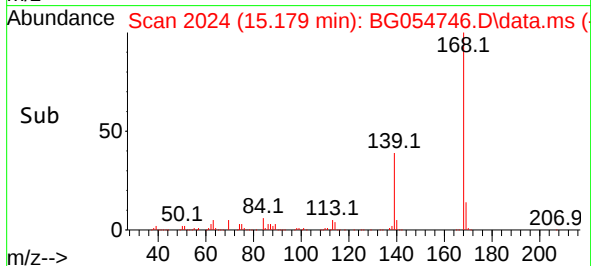


Tgt Ion:168 Resp: 558384
Ion Ratio Lower Upper
168 100
139 38.9 30.2 45.2
169 14.1 11.3 16.9

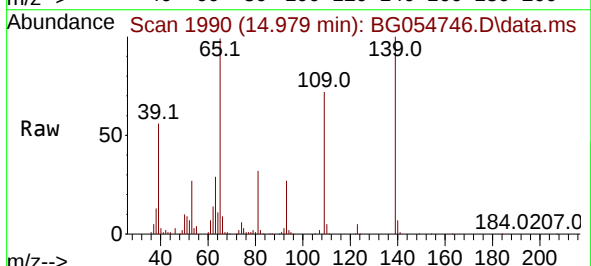
Manual Integrations

APPROVED

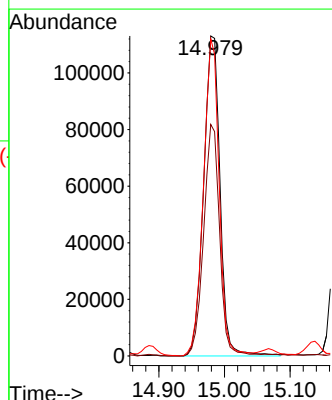
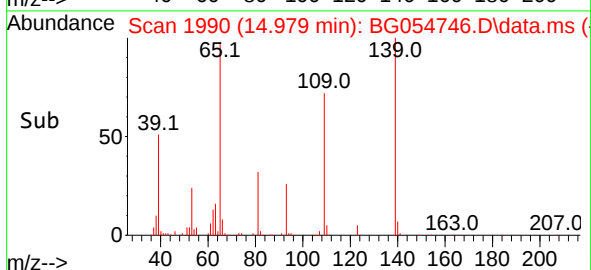
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

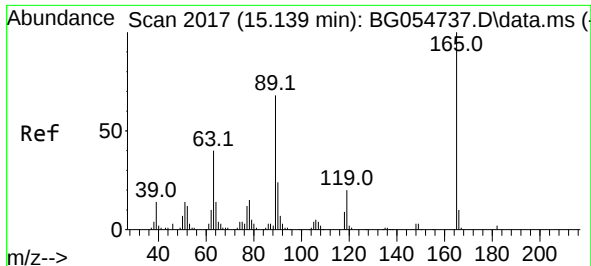


#56
4-Nitrophenol
Concen: 90.179 ng
RT: 14.979 min Scan# 1990
Delta R.T. 0.004 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56



Tgt Ion:139 Resp: 196974
Ion Ratio Lower Upper
139 100
109 72.3 50.5 90.5
65 99.1 79.9 119.9





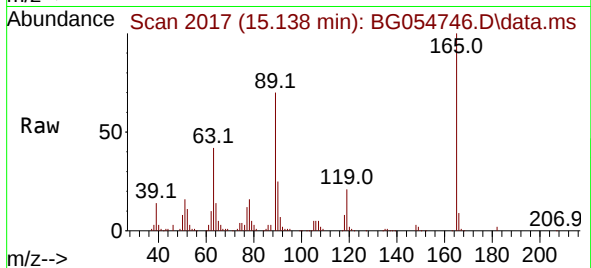
#57
2,4-Dinitrotoluene
Concen: 43.436 ng
RT: 15.138 min Scan# 2017
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

PB147133BS

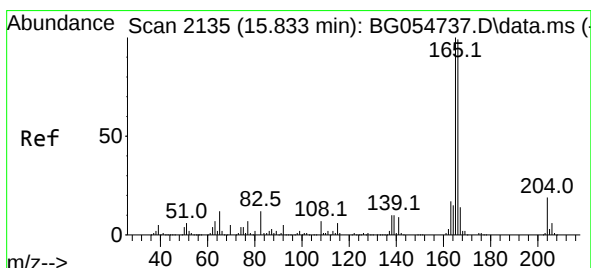
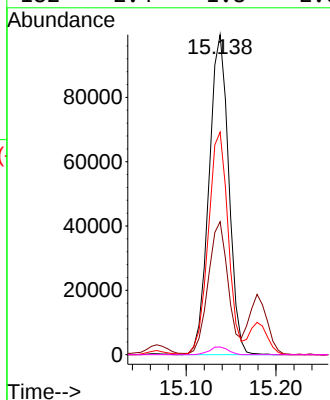
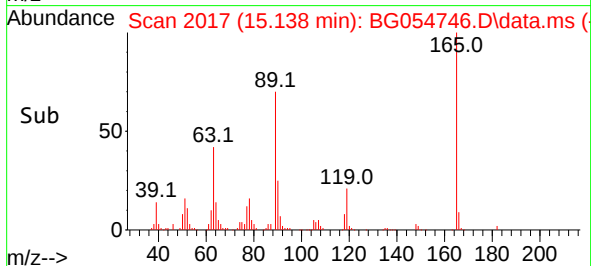


Tgt Ion:165 Resp: 15148
Ion Ratio Lower Upper
165 100
63 41.6 36.8 55.2
89 69.6 64.3 96.5
182 2.4 1.8 2.6

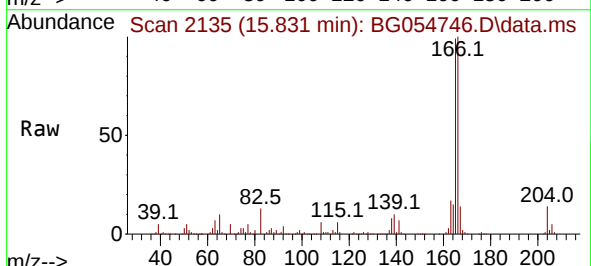
Manual Integrations

APPROVED

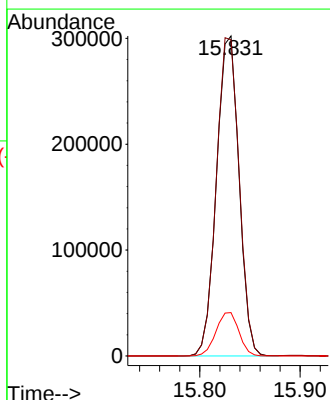
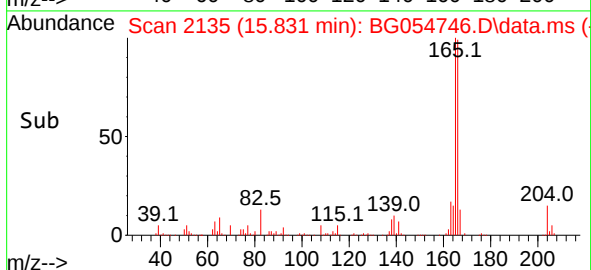
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#58
Fluorene
Concen: 39.686 ng
RT: 15.831 min Scan# 2135
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56



Tgt Ion:166 Resp: 469920
Ion Ratio Lower Upper
166 100
165 98.8 80.8 121.2
167 13.6 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.116 ng
RT: 15.402 min Scan# 2062
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

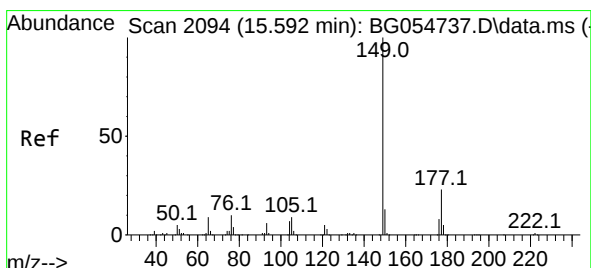
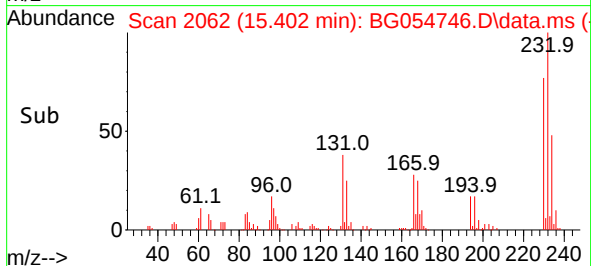
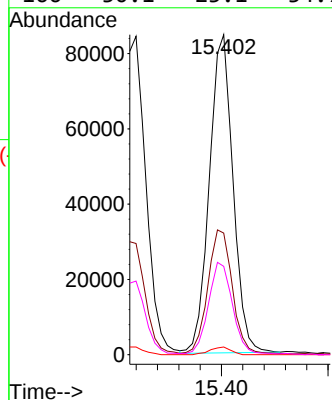
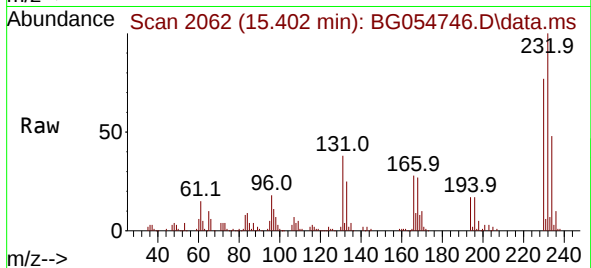
PB147133BS

Tgt Ion:232 Resp: 130010
Ion Ratio Lower Upper
232 100
131 41.8 31.3 46.9
130 2.1 1.8 2.6
166 30.1 23.1 34.7

Manual Integrations

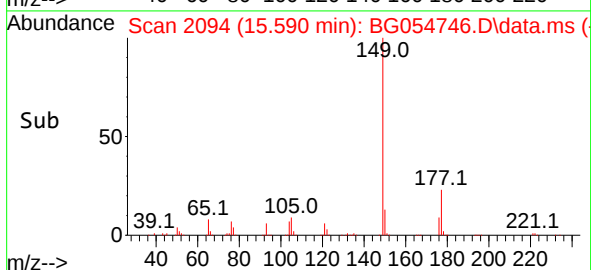
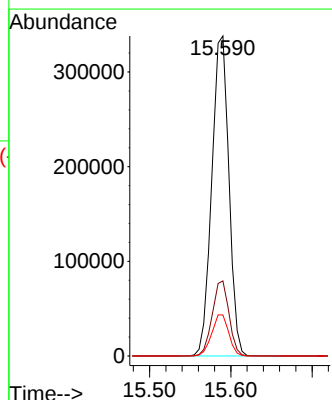
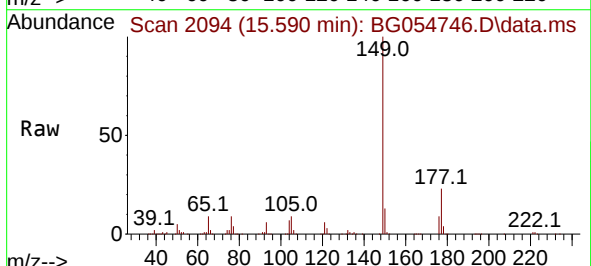
APPROVED

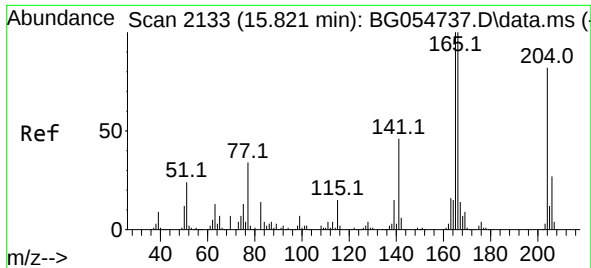
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#60
Diethylphthalate
Concen: 40.135 ng
RT: 15.590 min Scan# 2094
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

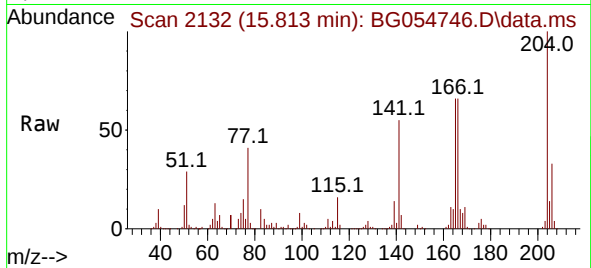
Tgt Ion:149 Resp: 494031
Ion Ratio Lower Upper
149 100
177 23.4 17.8 26.6
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.283 ng
RT: 15.813 min Scan# 2132
Delta R.T. -0.008 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

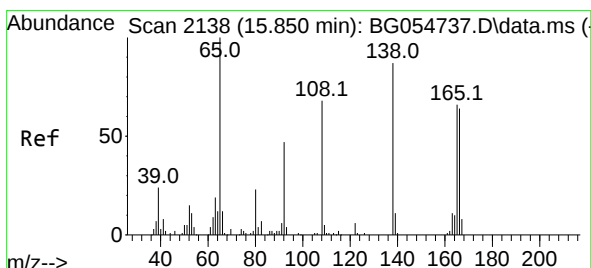
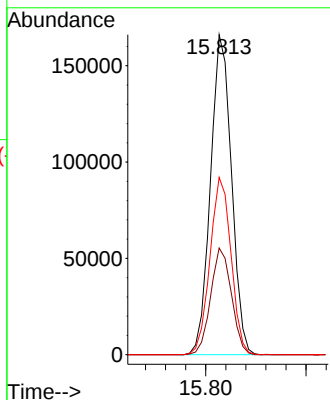
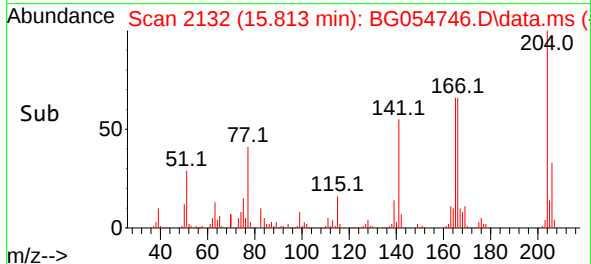
Instrument :
BNA_G
ClientSampleId :
PB147133BS



Tgt Ion:204 Resp: 24114
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 55.4 44.9 67.3

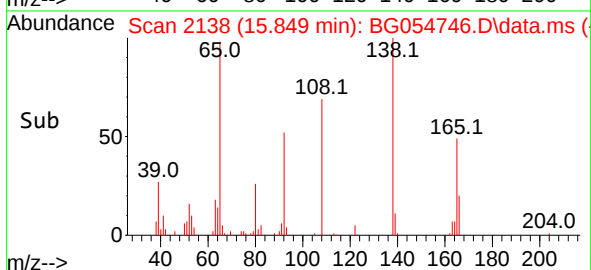
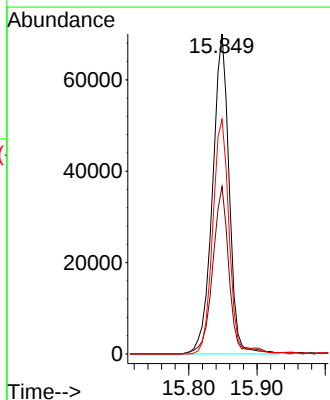
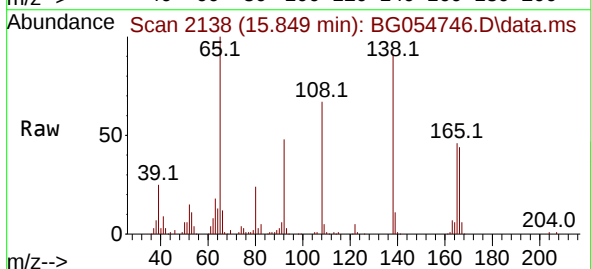
Manual Integrations
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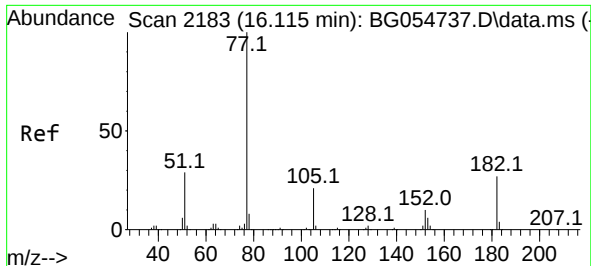
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#62
4-Nitroaniline
Concen: 41.218 ng
RT: 15.849 min Scan# 2138
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Tgt Ion:138 Resp: 118780
Ion Ratio Lower Upper
138 100
92 52.3 34.7 74.7
108 73.3 56.2 96.2





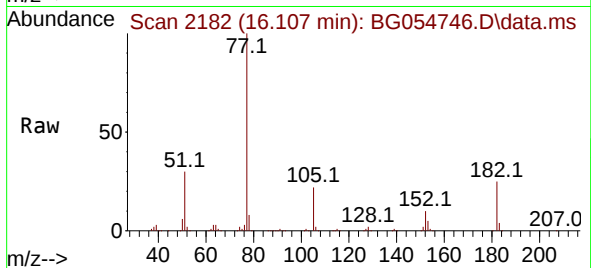
#63
Azobenzene
Concen: 39.218 ng
RT: 16.107 min Scan# 2183
Delta R.T. -0.008 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

PB147133BS

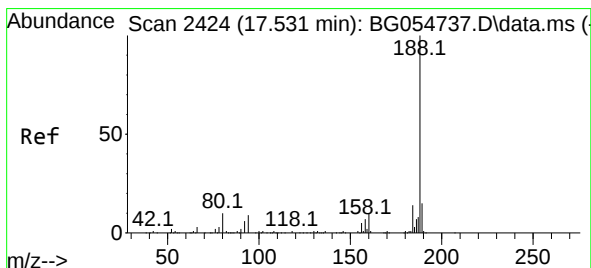
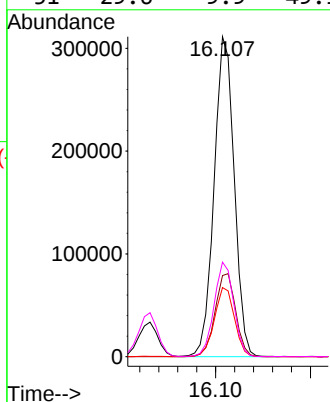
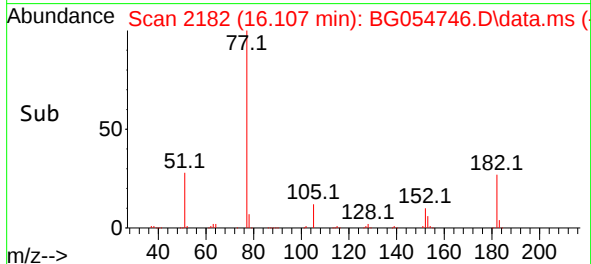


Tgt Ion: 77 Resp: 458780
Ion Ratio Lower Upper
77 100
182 25.3 5.1 45.1
105 21.6 0.7 40.7
51 29.6 9.9 49.9

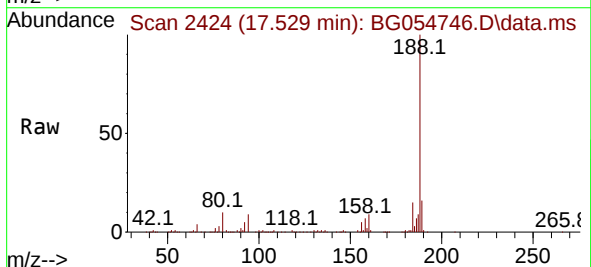
Manual Integrations

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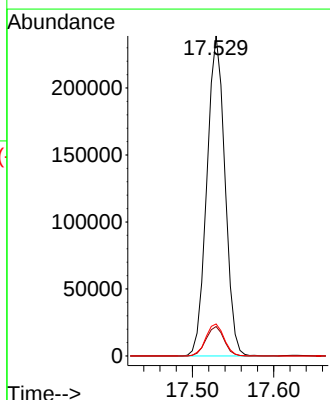
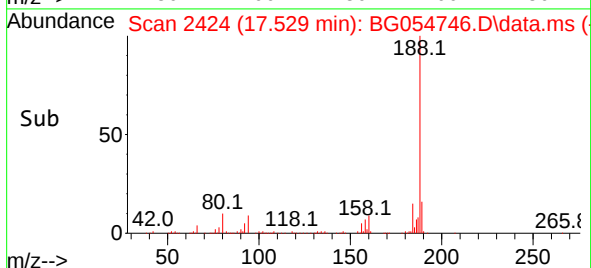
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

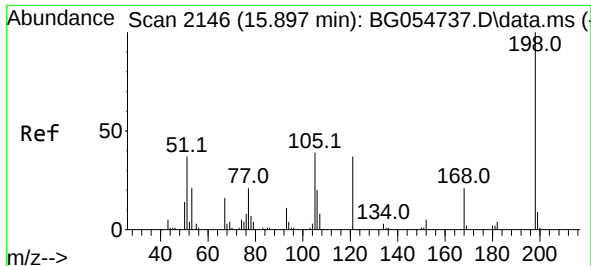


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.529 min Scan# 2424
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56



Tgt Ion:188 Resp: 368199
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.4
80 10.0 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 43.072 ng
RT: 15.896 min Scan# 2146
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

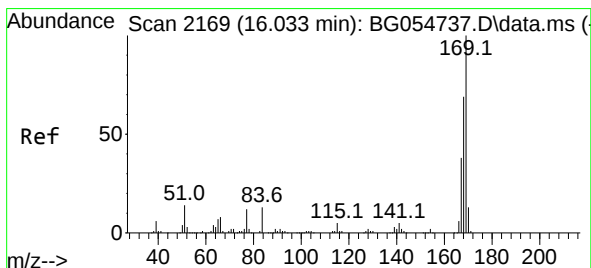
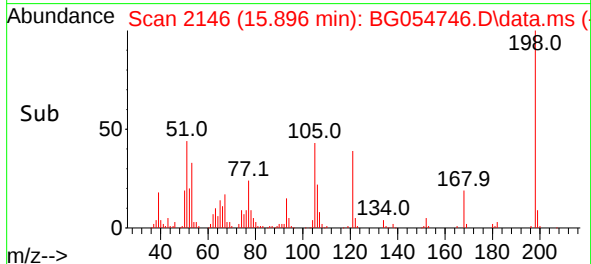
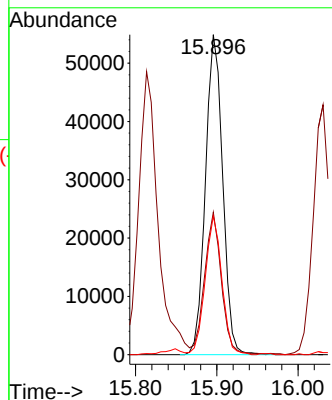
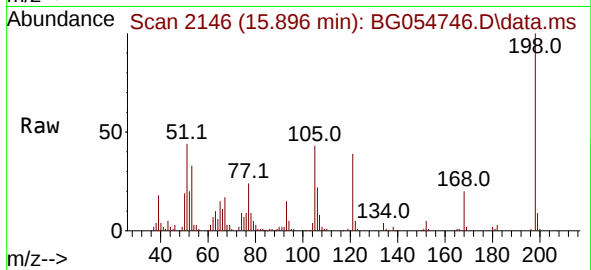
ClientSampleId :

PB147133BS

Tgt Ion:198 Resp: 8072
Ion Ratio Lower Upper
198 100
51 44.5 19.9 59.9
105 43.3 20.3 60.3

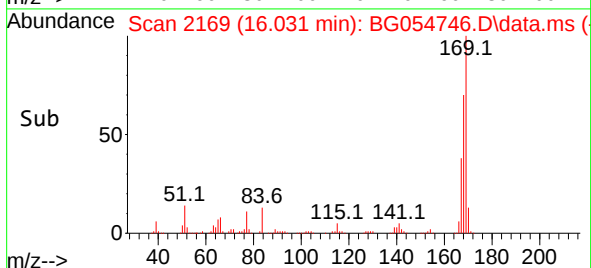
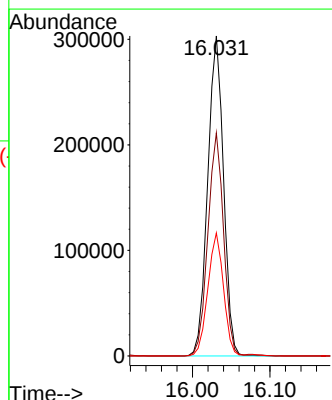
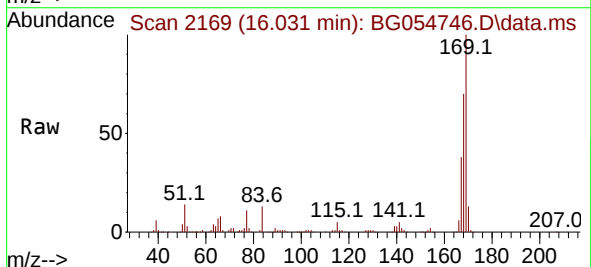
Manual Integrations
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Reviewed By :Christian Giraldo 08/26/2022
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#66
n-Nitrosodiphenylamine
Concen: 40.386 ng
RT: 16.031 min Scan# 2169
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Tgt Ion:169 Resp: 428829
Ion Ratio Lower Upper
169 100
168 69.7 55.6 83.4
167 38.4 30.9 46.3





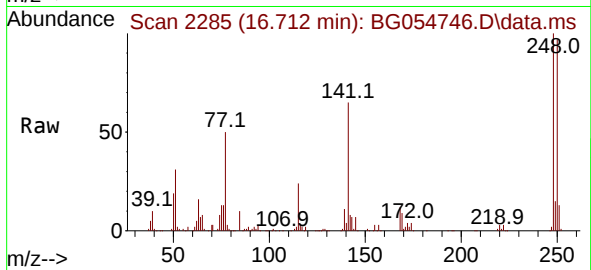
#67
4-Bromophenyl-phenylether
Concen: 40.881 ng
RT: 16.712 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

PB147133BS

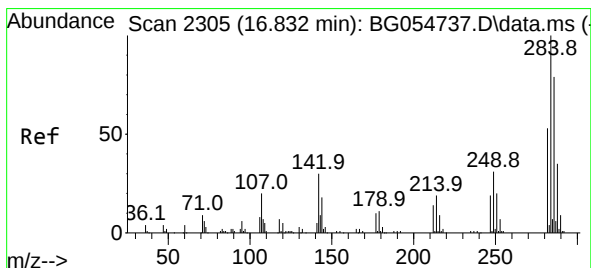
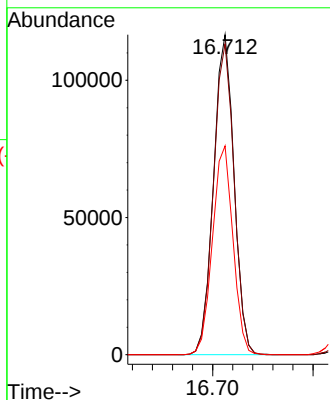
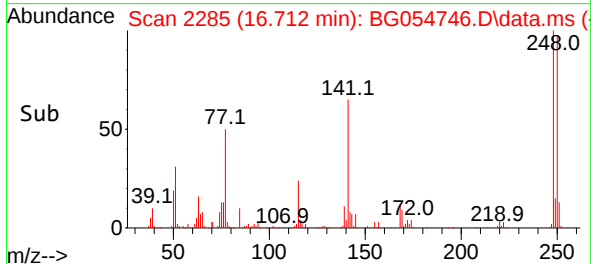


Tgt Ion:248 Resp: 16526
Ion Ratio Lower Upper
248 100
250 97.1 78.8 118.2
141 65.2 51.9 77.9

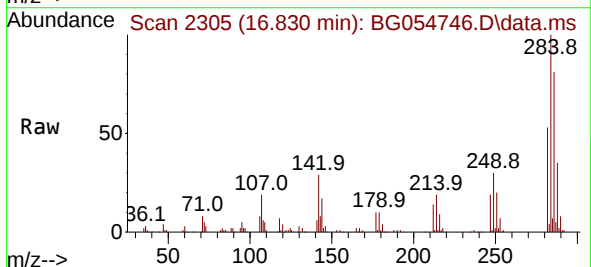
Manual Integrations

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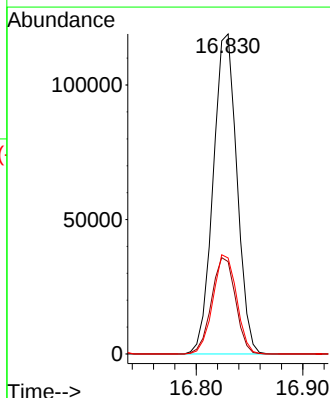
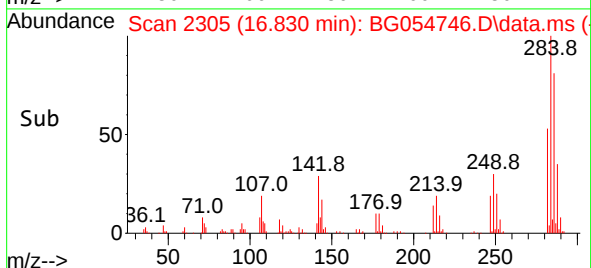
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

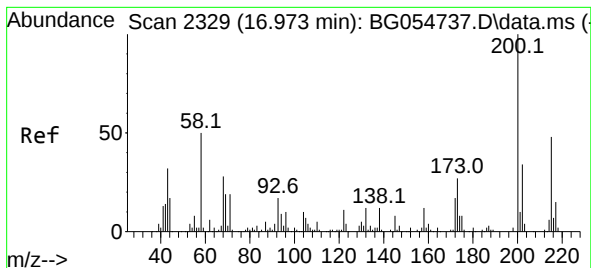


#68
Hexachlorobenzene
Concen: 40.495 ng
RT: 16.830 min Scan# 2305
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56



Tgt Ion:284 Resp: 184030
Ion Ratio Lower Upper
284 100
142 28.9 25.0 37.6
249 30.0 24.5 36.7





#69

Atrazine

Concen: 44.751 ng

RT: 16.971 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG054746.D

Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

PB147133BS

Tgt Ion:200 Resp: 167639

Ion Ratio Lower Upper

200 100

173 25.8 5.6 45.6

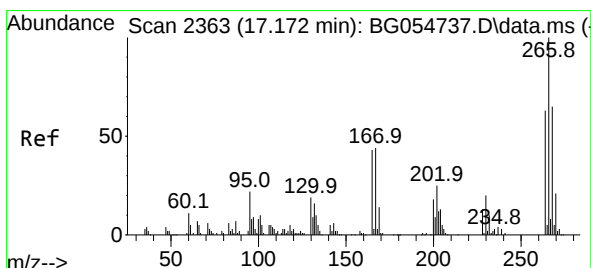
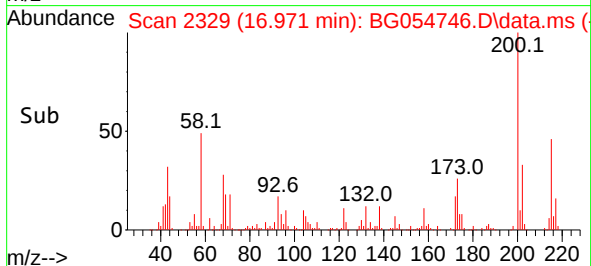
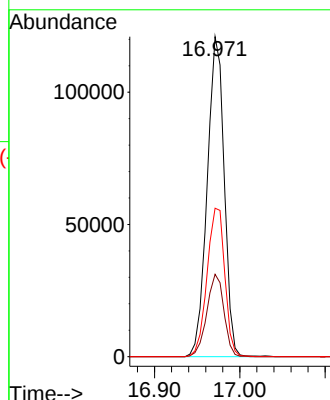
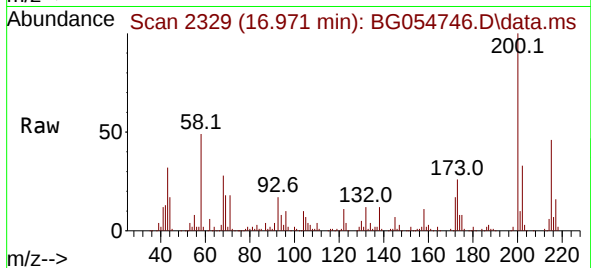
215 46.4 28.2 68.2

Manual Integrations

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Reviewed By :Christian Giraldo 08/26/2022

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#70

Pentachlorophenol

Concen: 87.798 ng

RT: 17.171 min Scan# 2363

Delta R.T. -0.002 min

Lab File: BG054746.D

Acq: 25 Aug 2022 21:56

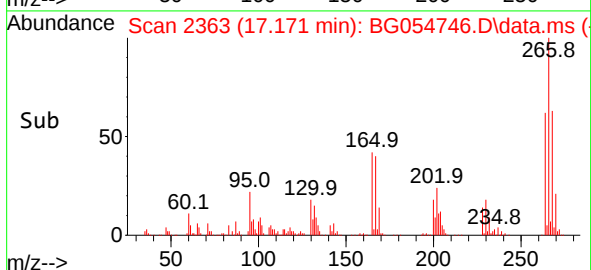
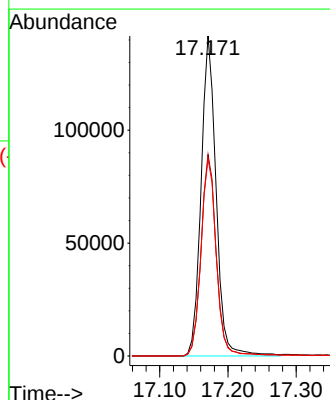
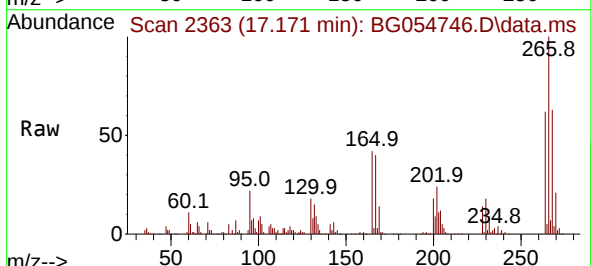
Tgt Ion:266 Resp: 216788

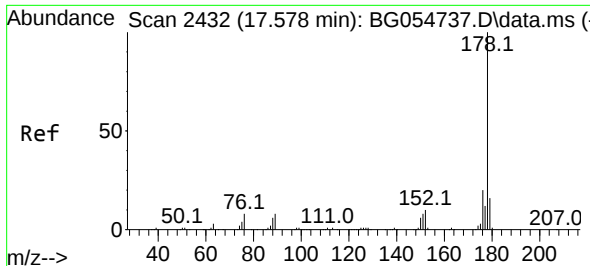
Ion Ratio Lower Upper

266 100

268 62.9 51.2 76.8

264 61.5 49.4 74.0





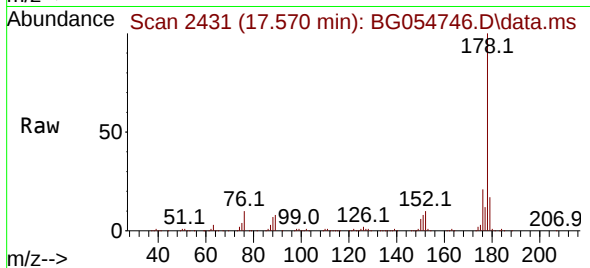
#71
Phenanthrene
Concen: 39.180 ng
RT: 17.570 min Scan# 2432
Delta R.T. -0.008 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

PB147133BS

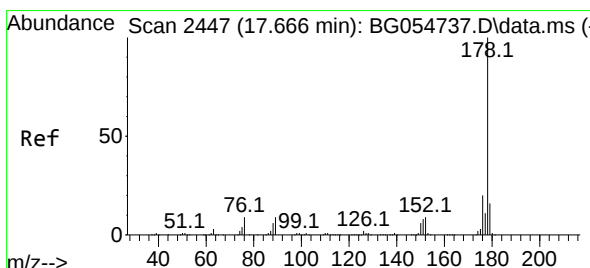
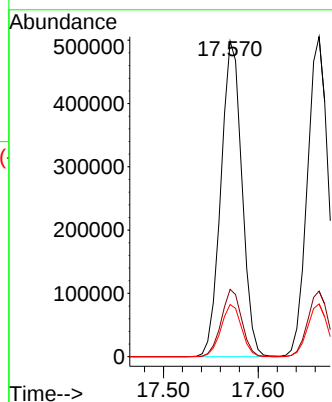
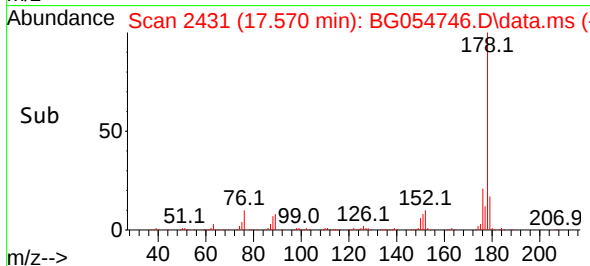


Tgt Ion:178 Resp: 768492
Ion Ratio Lower Upper
178 100
176 21.3 16.6 25.0
179 16.6 12.8 19.2

Manual Integrations

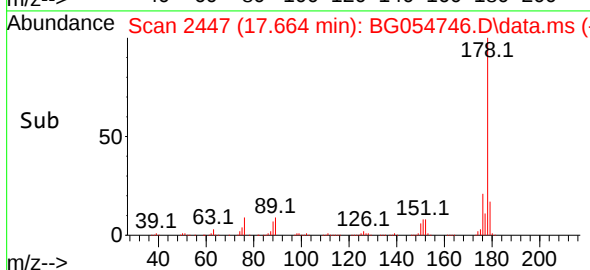
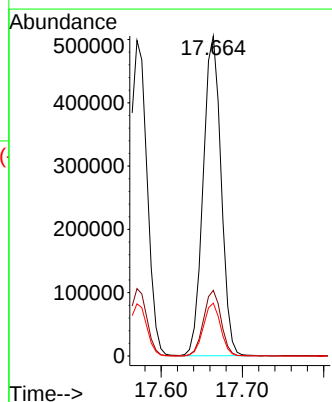
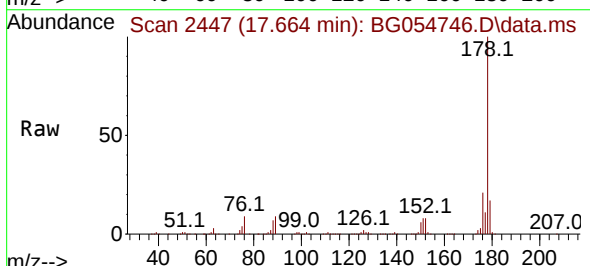
APPROVED

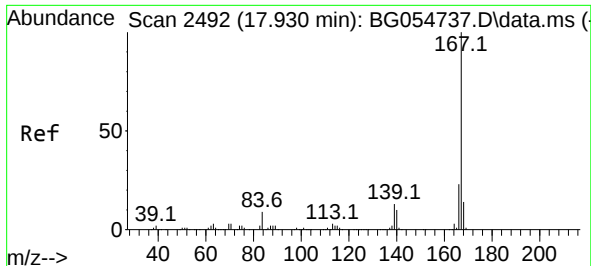
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#72
Anthracene
Concen: 40.557 ng
RT: 17.664 min Scan# 2447
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Tgt Ion:178 Resp: 773406
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 16.5 12.9 19.3





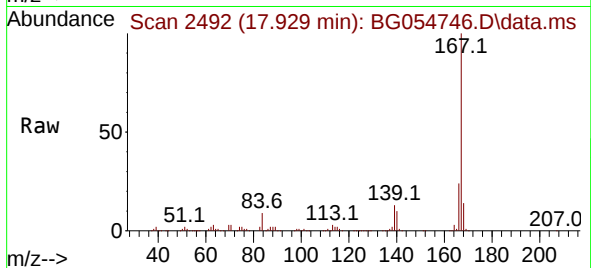
#73
 Carbazole
 Concen: 41.746 ng
 RT: 17.929 min Scan# 2492
 Delta R.T. -0.002 min
 Lab File: BG054746.D
 Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

PB147133BS

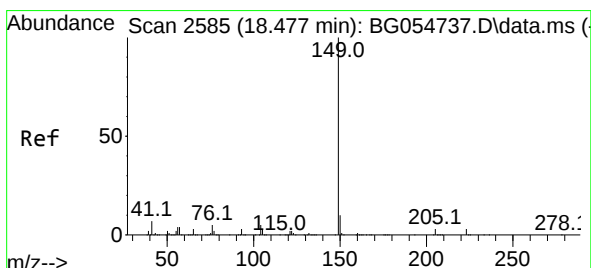
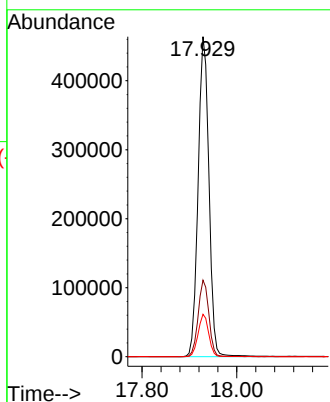
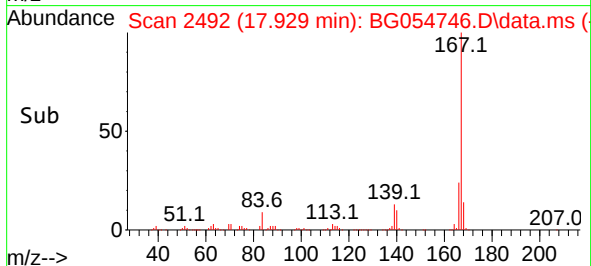


Tgt Ion:167 Resp: 733460
 Ion Ratio Lower Upper
 167 100
 166 23.9 18.8 28.2
 139 13.2 10.2 15.4

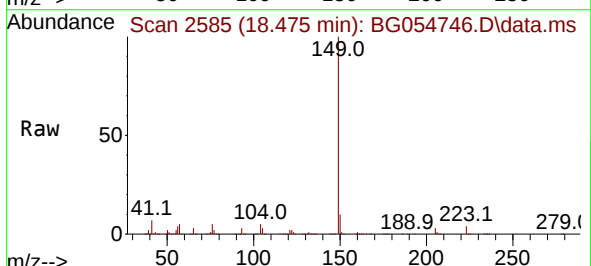
Manual Integrations

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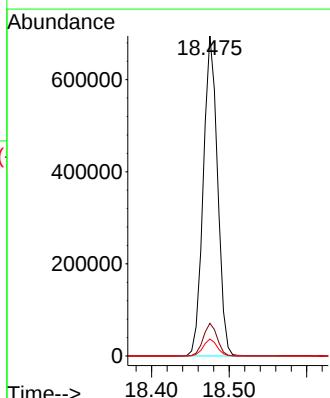
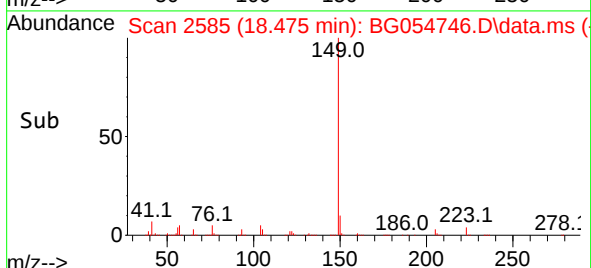
Reviewed By :Christian Giraldo 08/26/2022
 Supervised By :Jagrut Upadhyay 08/26/2022

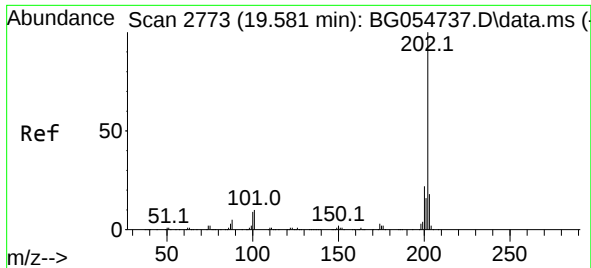


#74
 Di-n-butylphthalate
 Concen: 39.920 ng
 RT: 18.475 min Scan# 2585
 Delta R.T. -0.002 min
 Lab File: BG054746.D
 Acq: 25 Aug 2022 21:56



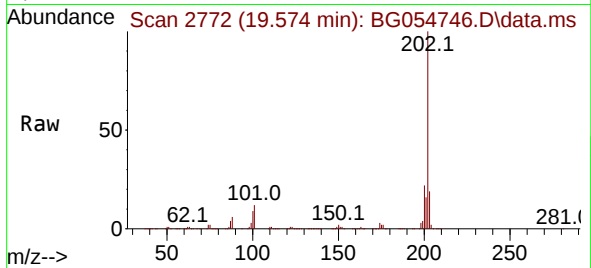
Tgt Ion:149 Resp: 887527
 Ion Ratio Lower Upper
 149 100
 150 10.2 8.0 12.0
 104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 40.167 ng
RT: 19.574 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

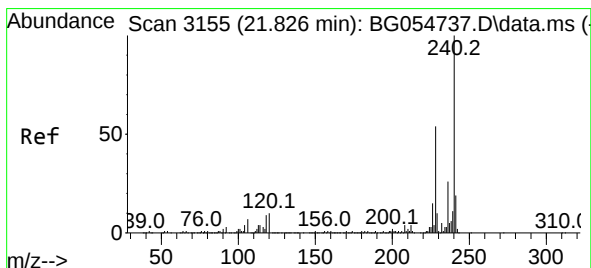
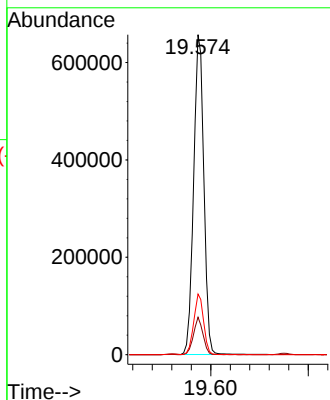
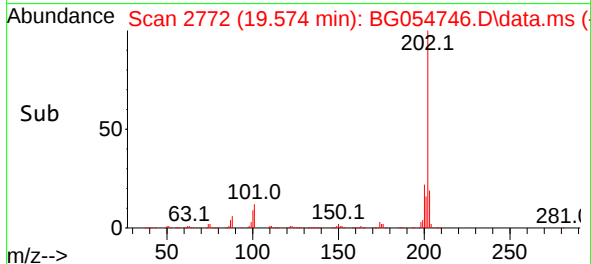
Instrument :
BNA_G
ClientSampleId :
PB147133BS



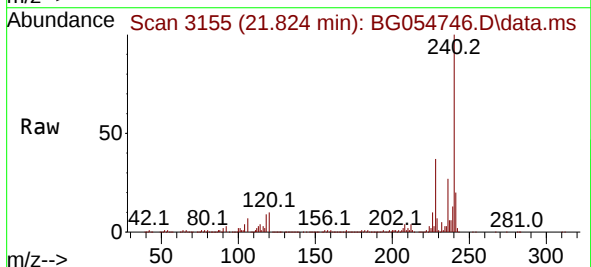
Tgt Ion:202 Resp: 95840
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.4
203 19.0 0.0 38.6

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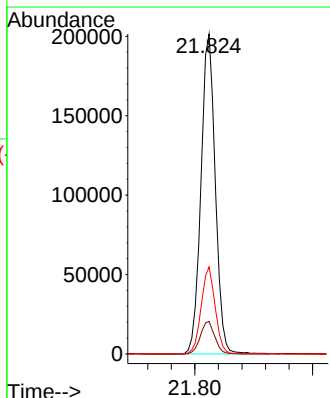
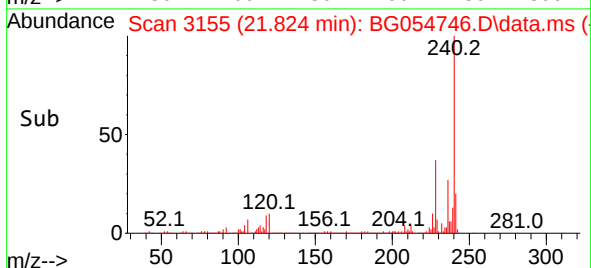
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

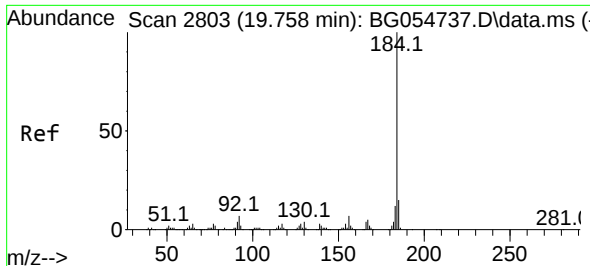


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.824 min Scan# 3155
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56



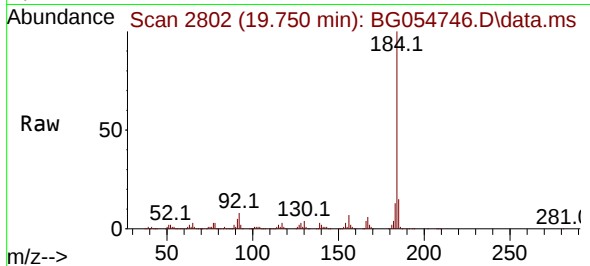
Tgt Ion:240 Resp: 341812
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.4
236 27.2 21.2 31.8





#77
Benzidine
Concen: 72.379 ng
RT: 19.750 min Scan# 2802
Delta R.T. -0.008 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

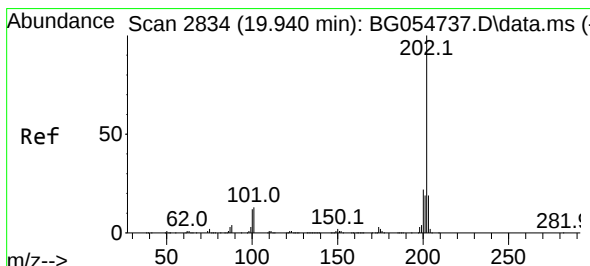
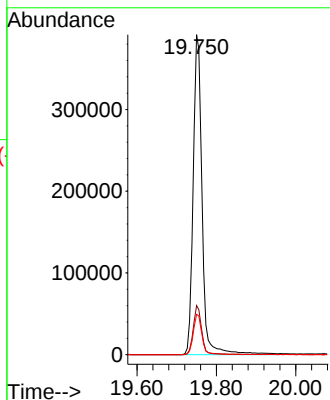
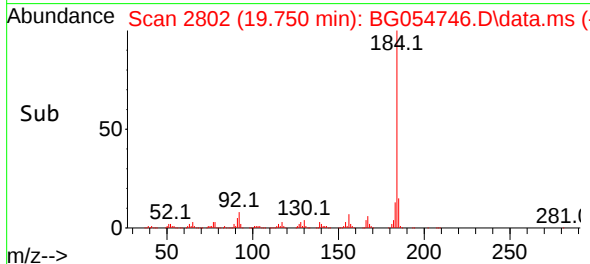
Instrument :
BNA_G
ClientSampleId :
PB147133BS



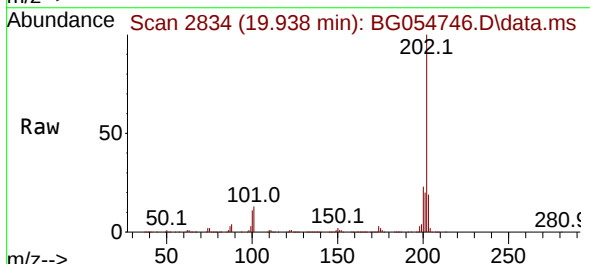
Tgt Ion:184 Resp: 61278
Ion Ratio Lower Upper
184 100
185 15.4 11.4 17.0
183 12.6 9.8 14.8

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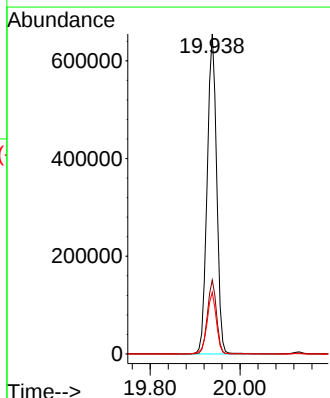
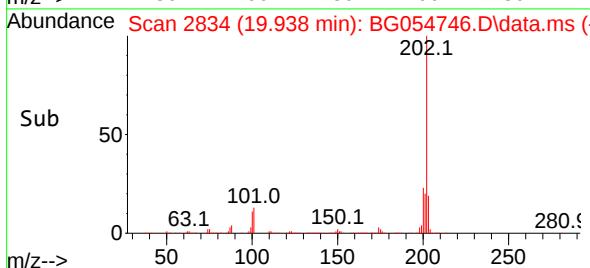
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

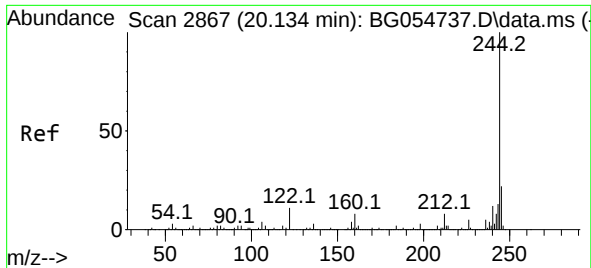


#78
Pyrene
Concen: 40.277 ng
RT: 19.938 min Scan# 2834
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56



Tgt Ion:202 Resp: 959985
Ion Ratio Lower Upper
202 100
200 23.1 17.8 26.6
203 19.3 14.6 21.8





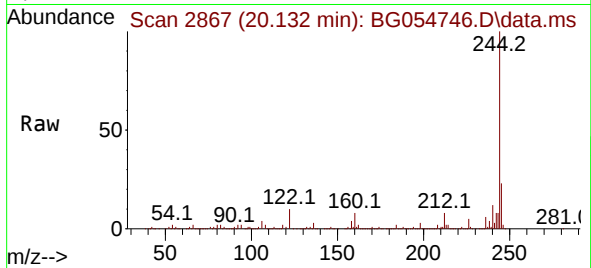
#79
 Terphenyl-d14
 Concen: 80.609 ng
 RT: 20.132 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG054746.D
 Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

PB147133BS

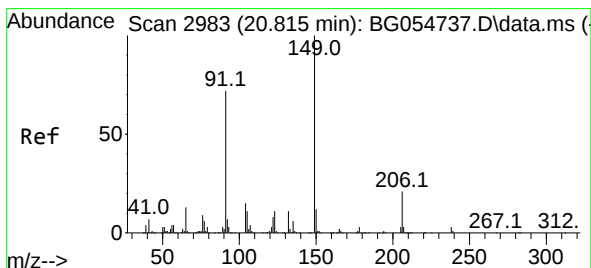
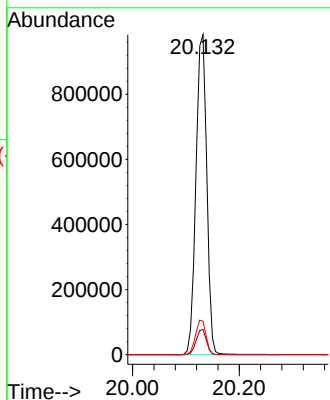
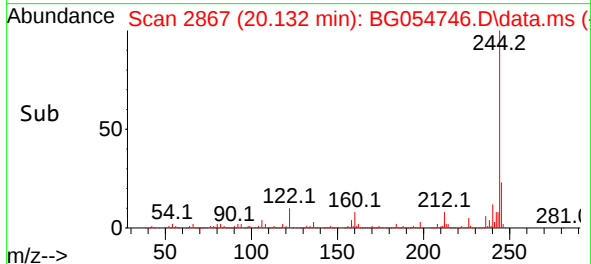


Tgt Ion:244 Resp: 139058
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 10.5 9.0 13.6

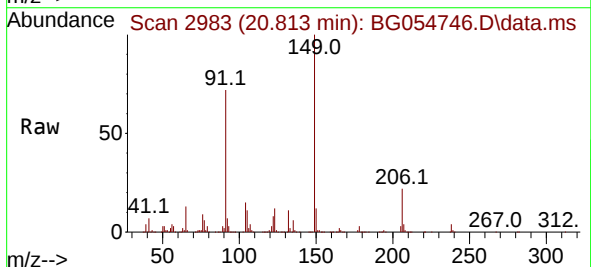
Manual Integrations

APPROVED

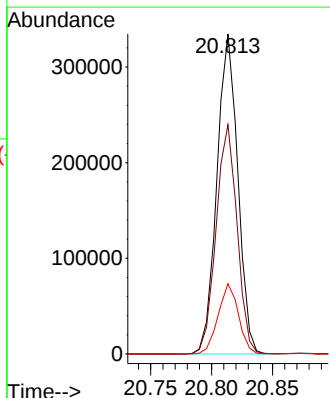
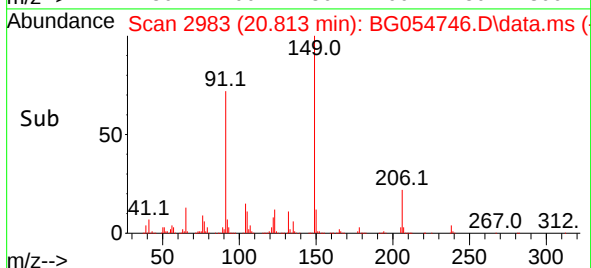
Reviewed By :Christian Giraldo 08/26/2022
 Supervised By :Jagrut Upadhyay 08/26/2022

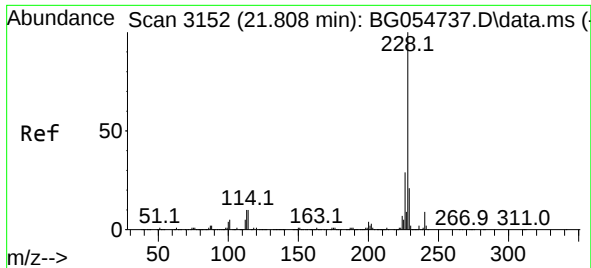


#80
 Butylbenzylphthalate
 Concen: 40.183 ng
 RT: 20.813 min Scan# 2983
 Delta R.T. -0.002 min
 Lab File: BG054746.D
 Acq: 25 Aug 2022 21:56



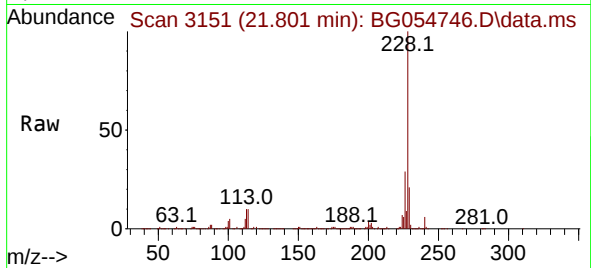
Tgt Ion:149 Resp: 399485
 Ion Ratio Lower Upper
 149 100
 91 71.6 59.5 89.3
 206 21.9 16.6 25.0





#81
Benzo(a)anthracene
Concen: 39.800 ng
RT: 21.801 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

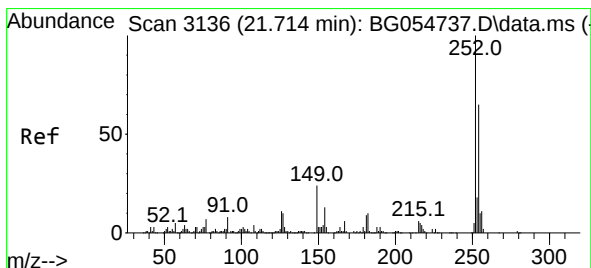
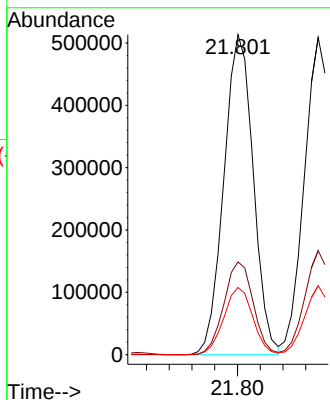
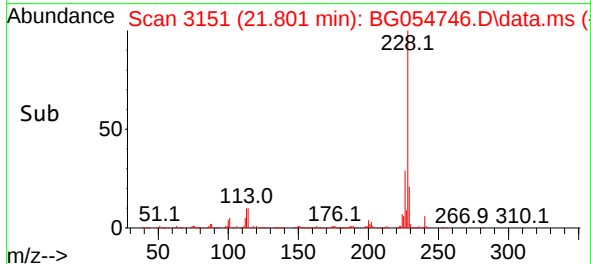
Instrument :
BNA_G
ClientSampleId :
PB147133BS



Tgt Ion:228 Resp: 922391
Ion Ratio Lower Upper
228 100
226 29.0 23.4 35.2
229 21.0 16.5 24.7

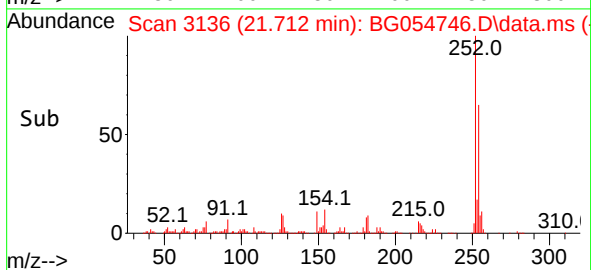
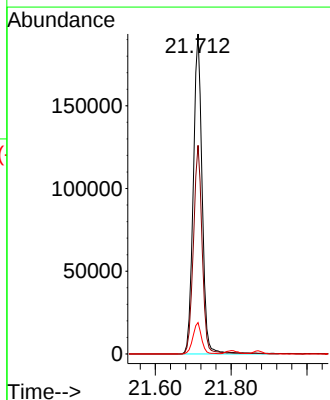
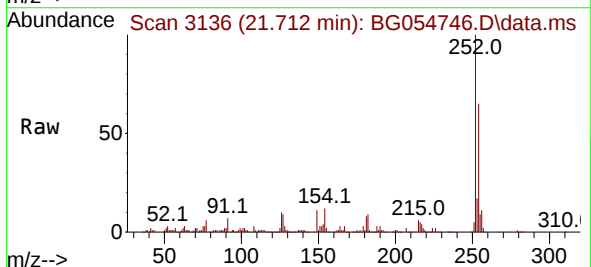
Manual Integrations
APPROVED

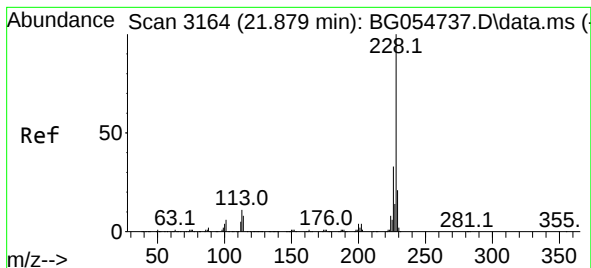
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#82
3,3'-Dichlorobenzidine
Concen: 38.914 ng
RT: 21.712 min Scan# 3136
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Tgt Ion:252 Resp: 316201
Ion Ratio Lower Upper
252 100
254 65.2 51.4 77.2
126 9.8 8.2 12.2





#83

Chrysene

Concen: 39.259 ng

RT: 21.871 min Scan# 3164

Delta R.T. -0.008 min

Lab File: BG054746.D

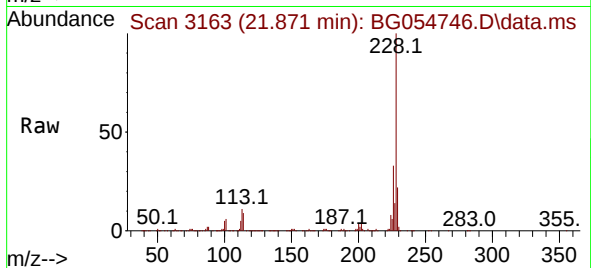
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

PB147133BS



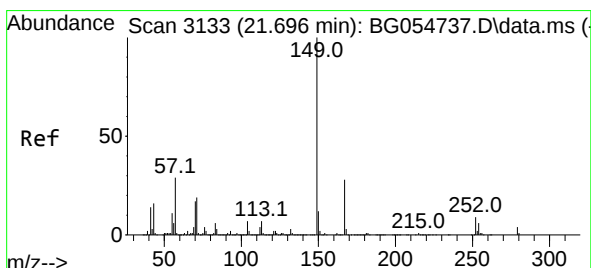
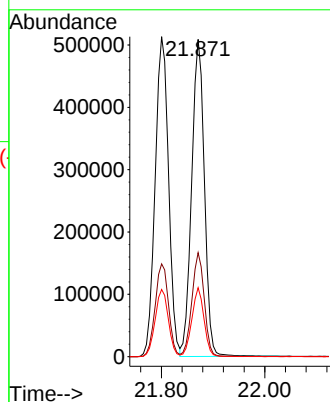
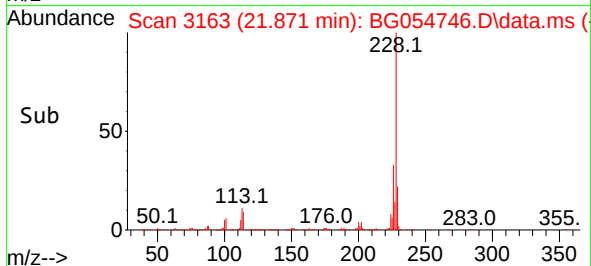
Tgt Ion:	228	Resp:	86995
Ion Ratio	Lower	Upper	
228	100		
226	32.8	25.5	38.3
229	21.7	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.501 ng

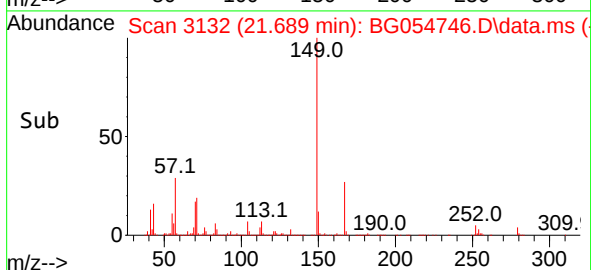
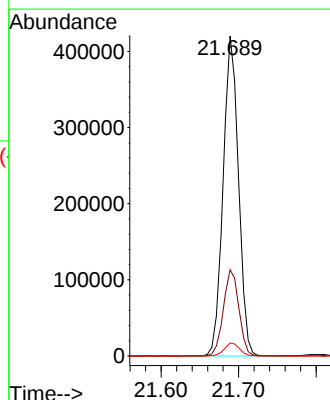
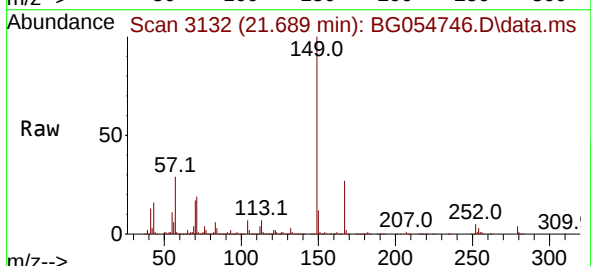
RT: 21.689 min Scan# 3132

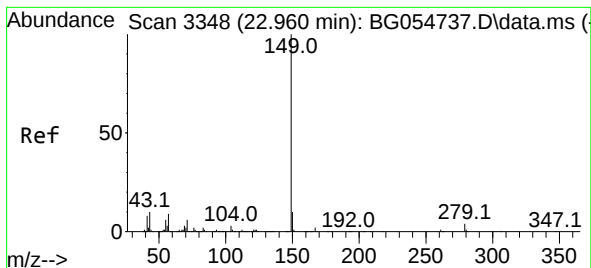
Delta R.T. -0.008 min

Lab File: BG054746.D

Acq: 25 Aug 2022 21:56

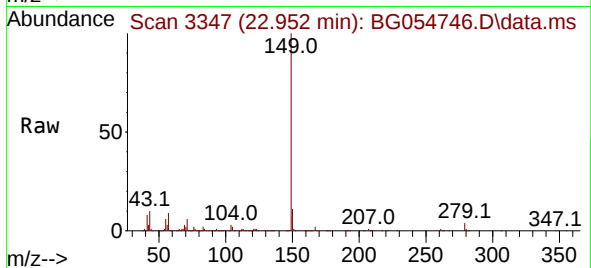
Tgt Ion:	149	Resp:	580111
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.4	32.0
279	4.1	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 40.326 ng
RT: 22.952 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

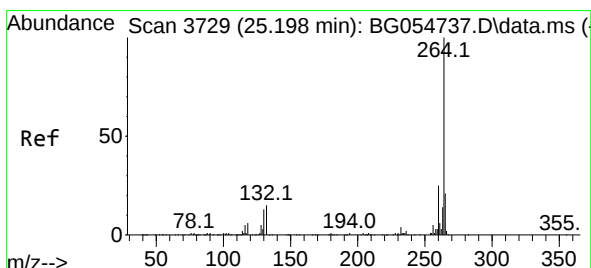
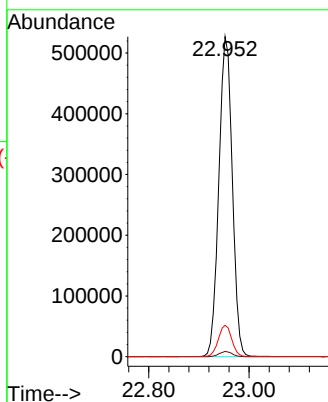
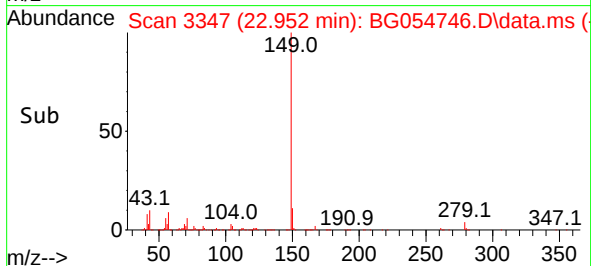
Instrument :
BNA_G
ClientSampleId :
PB147133BS



Tgt Ion:149 Resp: 97954
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.7 9.0 13.6

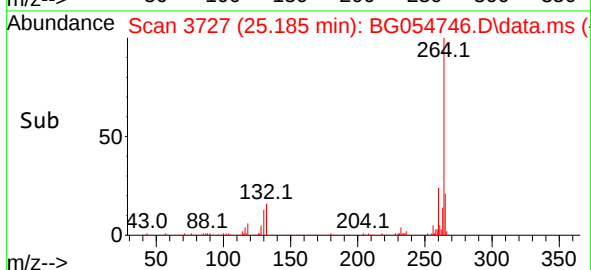
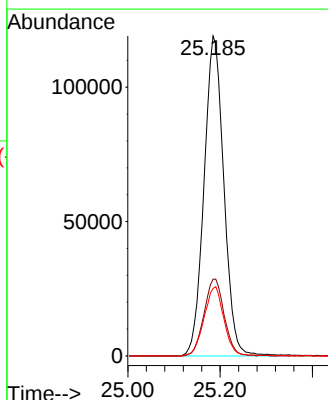
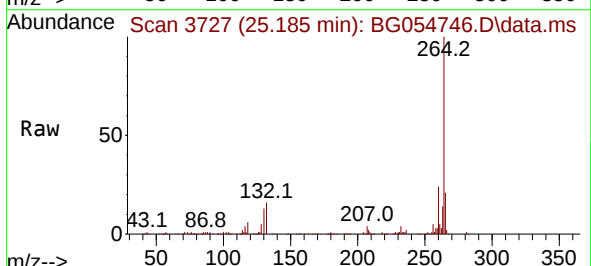
Manual Integrations
APPROVED

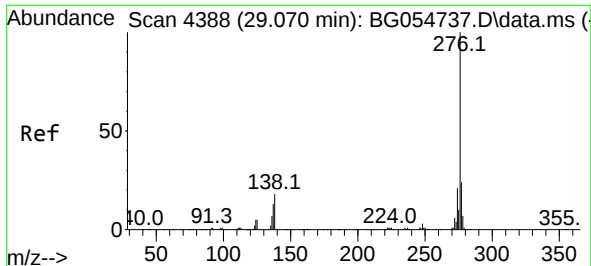
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.185 min Scan# 3727
Delta R.T. -0.013 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Tgt Ion:264 Resp: 355853
Ion Ratio Lower Upper
264 100
260 24.0 19.9 29.9
265 21.1 16.9 25.3





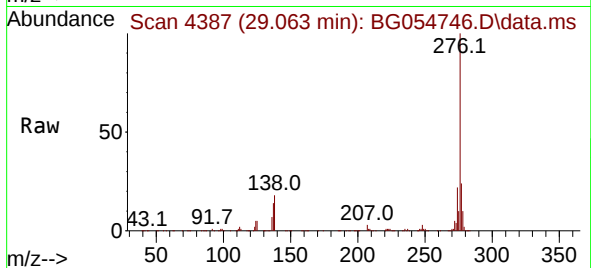
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.489 ng
RT: 29.063 min Scan# 4388
Delta R.T. -0.008 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

PB147133BS

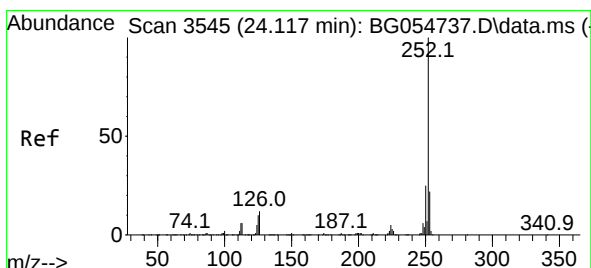
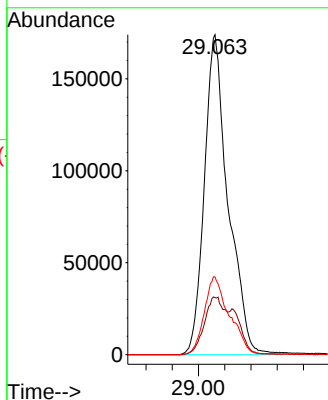
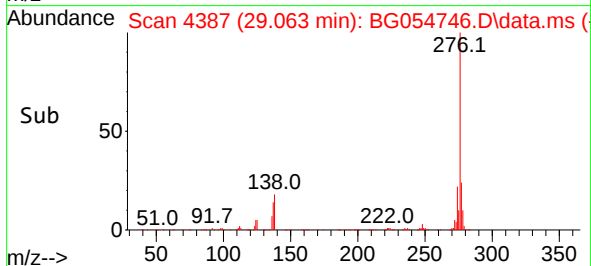


Tgt Ion:276 Resp: 1093824
Ion Ratio Lower Upper
276 100
138 15.4 12.0 18.0
277 25.8 20.2 30.4

Manual Integrations

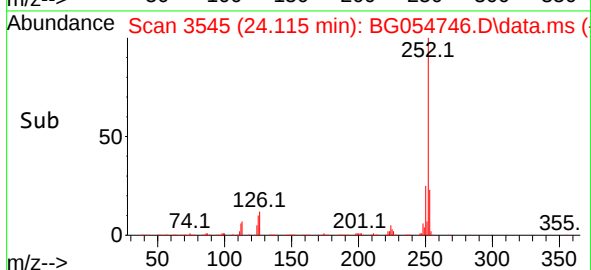
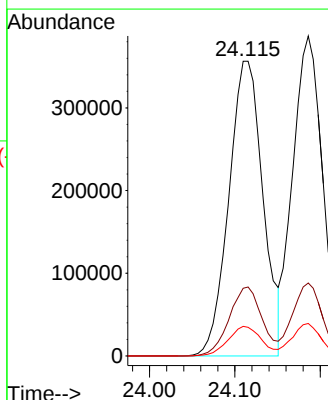
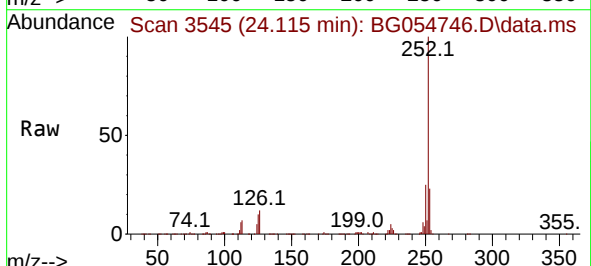
APPROVED

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



#88
Benzo(b)fluoranthene
Concen: 44.534 ng
RT: 24.115 min Scan# 3545
Delta R.T. -0.002 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Tgt Ion:252 Resp: 994139
Ion Ratio Lower Upper
252 100
253 23.4 18.0 27.0
125 9.7 8.1 12.1





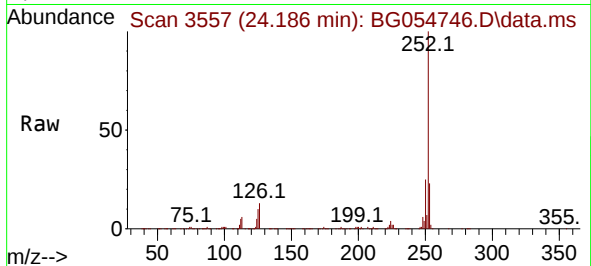
#89
Benzo(k)fluoranthene
Concen: 42.241 ng
RT: 24.186 min Scan# 30
Delta R.T. -0.008 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

Instrument :

BNA_G

ClientSampleId :

PB147133BS

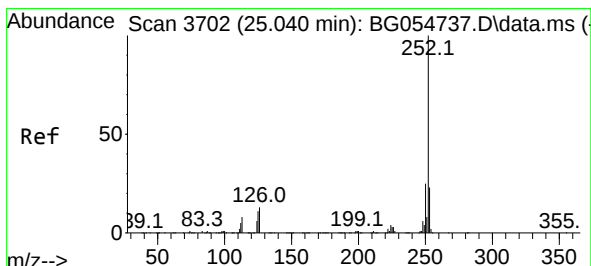
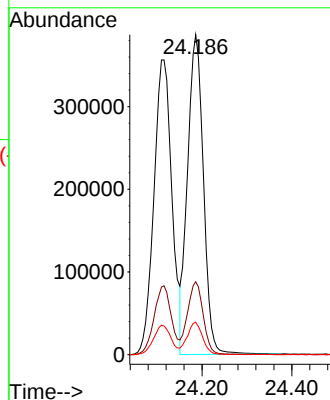
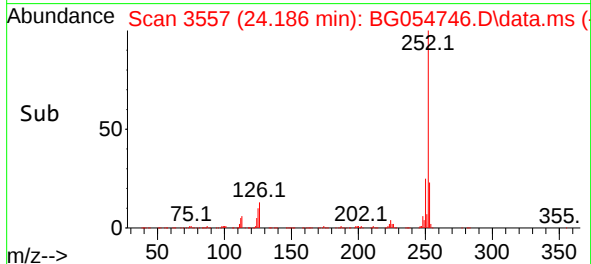


Tgt Ion:252 Resp: 948979
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 10.2 8.2 12.4

Manual Integrations

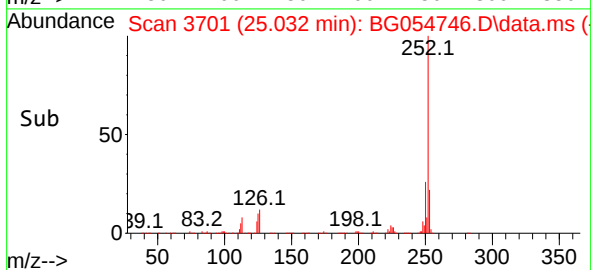
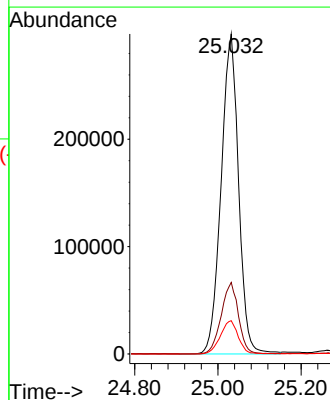
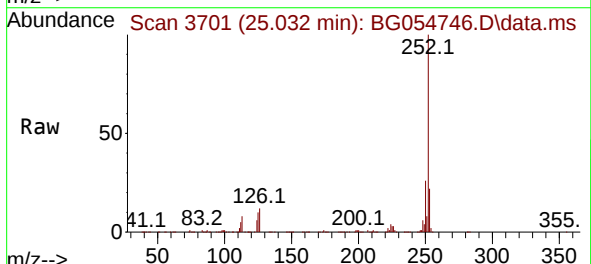
APPROVED

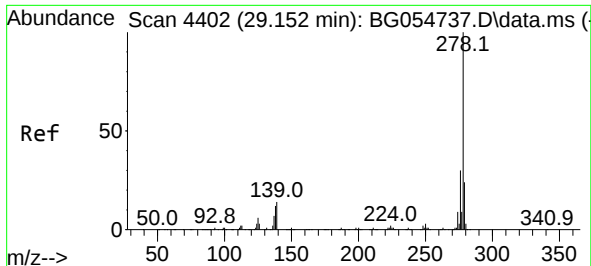
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#90
Benzo(a)pyrene
Concen: 45.500 ng
RT: 25.032 min Scan# 3701
Delta R.T. -0.008 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

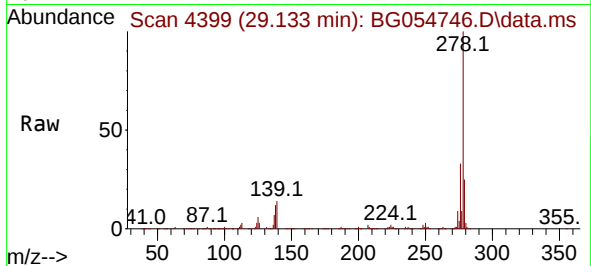
Tgt Ion:252 Resp: 867767
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 10.4 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 42.800 ng
RT: 29.133 min Scan# 41
Delta R.T. -0.019 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56

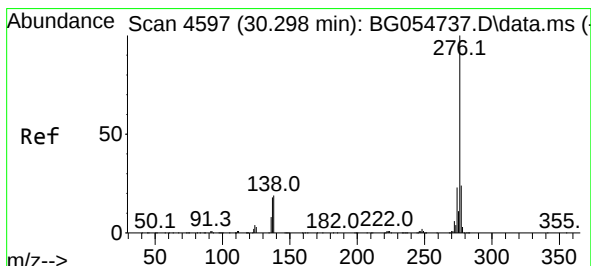
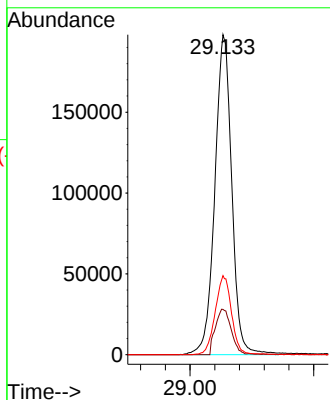
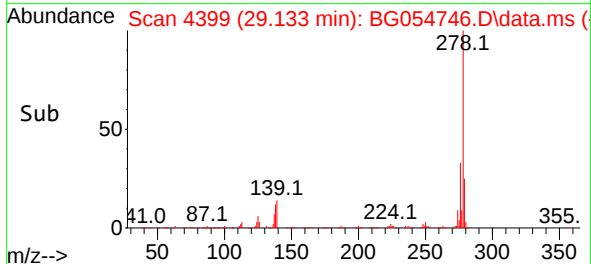
Instrument :
BNA_G
ClientSampleId :
PB147133BS



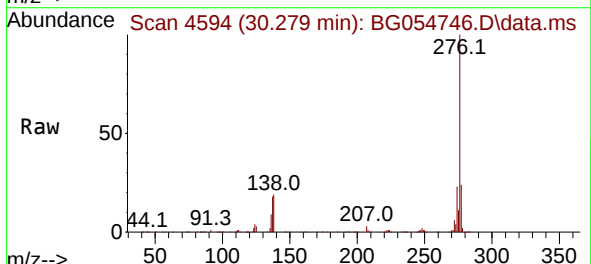
Tgt Ion:278 Resp: 94198
Ion Ratio Lower Upper
278 100
139 14.2 11.4 17.2
279 24.7 19.3 28.9

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 42.319 ng
RT: 30.279 min Scan# 4594
Delta R.T. -0.019 min
Lab File: BG054746.D
Acq: 25 Aug 2022 21:56



Tgt Ion:276 Resp: 940929
Ion Ratio Lower Upper
276 100
277 23.9 19.4 29.0
138 19.5 16.6 25.0

