

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082522\
 Data File : BG054745.D
 Acq On : 25 Aug 2022 21:13
 Operator : CG/JU
 Sample : PB147159BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147159BS

Quant Time: Aug 26 05:19:33 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	50578	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	210823	20.000	ng	0.00
39) Acenaphthene-d10	14.785	164	140473	20.000	ng	0.00
64) Phenanthrene-d10	17.529	188	318652	20.000	ng	0.00
76) Chrysene-d12	21.824	240	295087	20.000	ng	0.00
86) Perylene-d12	25.185	264	317963	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	405551	139.628	ng	0.00
7) Phenol-d6	7.294	99	537862	135.408	ng	0.00
23) Nitrobenzene-d5	9.321	82	320310	79.759	ng	0.00
42) 2,4,6-Tribromophenol	16.272	330	225571	128.508	ng	0.00
45) 2-Fluorobiphenyl	13.411	172	741622	79.351	ng	0.00
79) Terphenyl-d14	20.126	244	1255747	84.318	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.528	88	47678	34.376	ng	98
3) Pyridine	3.939	79	127336	32.916	ng	98
4) n-Nitrosodimethylamine	3.851	42	71288	42.630	ng	97
6) Aniline	7.470	93	202660	42.941	ng	98
8) 2-Chlorophenol	7.711	128	159150	50.152	ng	99
9) Benzaldehyde	7.277	77	73300	28.155	ng	98
10) Phenol	7.324	94	197298	48.299	ng	98
11) bis(2-Chloroethyl)ether	7.559	93	149579	45.529	ng	99
12) 1,3-Dichlorobenzene	8.040	146	163737	44.587	ng	98
13) 1,4-Dichlorobenzene	8.187	146	164554	44.424	ng	97
14) 1,2-Dichlorobenzene	8.505	146	160715	45.757	ng	99
15) Benzyl Alcohol	8.387	79	139617	48.653	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.675	45	234366	45.590	ng	98
17) 2-Methylphenol	8.587	107	138068	49.091	ng	97
18) Hexachloroethane	9.245	117	59641	44.402	ng	97
19) n-Nitroso-di-n-propyla...	8.957	70	121711	44.558	ng	99
20) 3+4-Methylphenols	8.916	107	187336	48.034	ng	98
22) Acetophenone	8.980	105	233060	44.187	ng	# 98
24) Nitrobenzene	9.368	77	171512	42.371	ng	98
25) Isophorone	9.885	82	336814	44.980	ng	100
26) 2-Nitrophenol	10.079	139	83331	46.605	ng	98
27) 2,4-Dimethylphenol	10.126	122	151663	53.535	ng	99
28) bis(2-Chloroethoxy)met...	10.367	93	207085	48.533	ng	99
29) 2,4-Dichlorophenol	10.614	162	153844	47.744	ng	98
30) 1,2,4-Trichlorobenzene	10.831	180	155173	42.140	ng	97
31) Naphthalene	11.025	128	474272	41.930	ng	100
32) Benzoic acid	10.261	122	81954	41.736	ng	98
33) 4-Chloroaniline	11.131	127	137037	29.717	ng	98
34) Hexachlorobutadiene	11.301	225	99425	42.142	ng	97
35) Caprolactam	11.901	113	53519m	47.078	ng	
36) 4-Chloro-3-methylphenol	12.235	107	168093	47.704	ng	98
37) 2-Methylnaphthalene	12.623	142	335800	42.357	ng	97
38) 1-Methylnaphthalene	12.841	142	324647	42.090	ng	98
40) 1,2,4,5-Tetrachloroben...	12.982	216	181047	42.756	ng	99
41) Hexachlorocyclopentadiene	12.958	237	245060	109.125	ng	98
43) 2,4,6-Trichlorophenol	13.217	196	127581	45.392	ng	99

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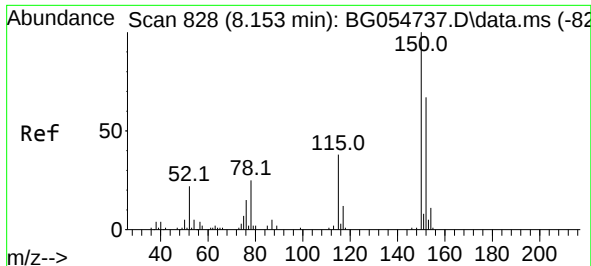
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	137996	43.719	ng	98
46) 1,1'-Biphenyl	13.622	154	453432	43.467	ng	99
47) 2-Chloronaphthalene	13.669	162	337570	42.610	ng	99
48) 2-Nitroaniline	13.863	65	111075	44.737	ng	98
49) Acenaphthylene	14.509	152	559017	42.760	ng	100
50) Dimethylphthalate	14.233	163	459888	42.495	ng	99
51) 2,6-Dinitrotoluene	14.351	165	99620	45.004	ng	92
52) Acenaphthene	14.850	154	396390m	47.202	ng	
53) 3-Nitroaniline	14.686	138	83373	33.646	ng	98
54) 2,4-Dinitrophenol	14.885	184	111508	88.485	ng	92
55) Dibenzofuran	15.179	168	526521	42.669	ng	98
56) 4-Nitrophenol	14.979	139	185611	96.793	ng	98
57) 2,4-Dinitrotoluene	15.138	165	142010	46.382	ng	90
58) Fluorene	15.825	166	441501	42.471	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.402	232	124226	43.659	ng	99
60) Diethylphthalate	15.584	149	463833	42.921	ng	99
61) 4-Chlorophenyl-phenyle...	15.814	204	223553	43.593	ng	98
62) 4-Nitroaniline	15.849	138	108392	42.844	ng	98
63) Azobenzene	16.107	77	433029	42.164	ng	99
65) 4,6-Dinitro-2-methylph...	15.896	198	74147	45.713	ng	95
66) n-Nitrosodiphenylamine	16.031	169	401568	43.699	ng	100
67) 4-Bromophenyl-phenylether	16.713	248	154424	44.140	ng	98
68) Hexachlorobenzene	16.830	284	172932	43.970	ng	97
69) Atrazine	16.971	200	151970	46.877	ng	99
70) Pentachlorophenol	17.171	266	203066	95.028	ng	98
71) Phenanthrene	17.570	178	714893	42.115	ng	99
72) Anthracene	17.664	178	723913	43.864	ng	100
73) Carbazole	17.929	167	688949	45.310	ng	100
74) Di-n-butylphthalate	18.475	149	828086	43.038	ng	99
75) Fluoranthene	19.574	202	889830	43.091	ng	100
77) Benzidine	19.750	184	457875	62.646	ng	99
78) Pyrene	19.938	202	888363	43.174	ng	99
80) Butylbenzylphthalate	20.814	149	369693	43.074	ng	97
81) Benzo(a)anthracene	21.801	228	857189	42.843	ng	99
82) 3,3'-Dichlorobenzidine	21.713	252	270648	38.582	ng	98
83) Chrysene	21.871	228	810438	42.364	ng	100
84) Bis(2-ethylhexyl)phtha...	21.689	149	546433	44.190	ng	99
85) Di-n-octyl phthalate	22.952	149	918984	43.824	ng	96
87) Indeno(1,2,3-cd)pyrene	29.063	276	1026890	42.541	ng	99
88) Benzo(b)fluoranthene	24.116	252	907259	45.485	ng	99
89) Benzo(k)fluoranthene	24.186	252	909449	45.305	ng	98
90) Benzo(a)pyrene	25.026	252	810016	47.533	ng	99
91) Dibenzo(a,h)anthracene	29.133	278	882062	44.853	ng	99
92) Benzo(g,h,i)perylene	30.279	276	883132	44.452	ng	99

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



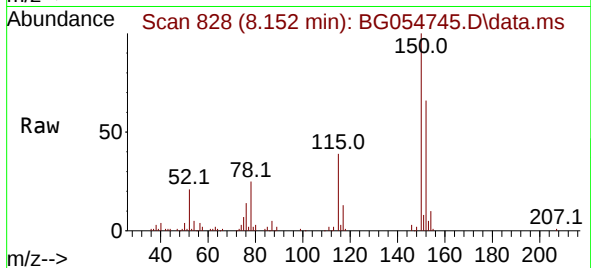
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Instrument :

BNA_G

ClientSampleId :

PB147159BS

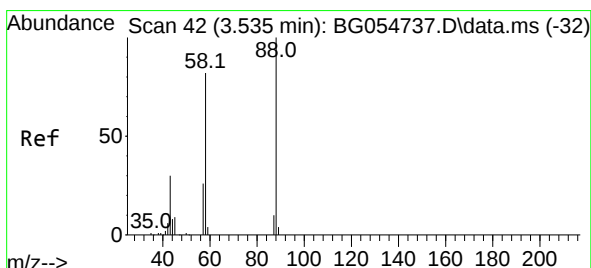
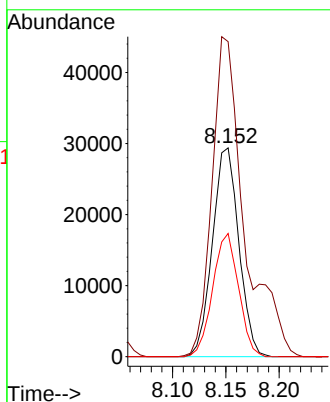
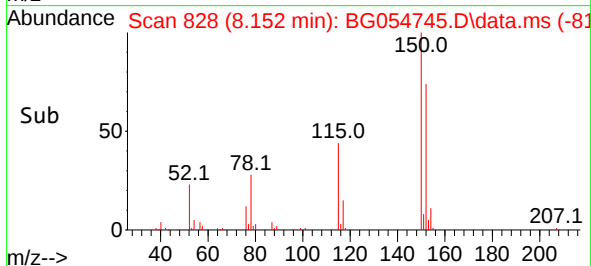


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Ion Ratio Lower Upper
152 100
150 150.9 125.2 187.8
115 59.0 47.9 71.9

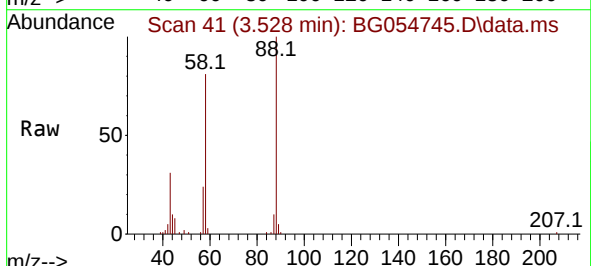
Manual Integrations

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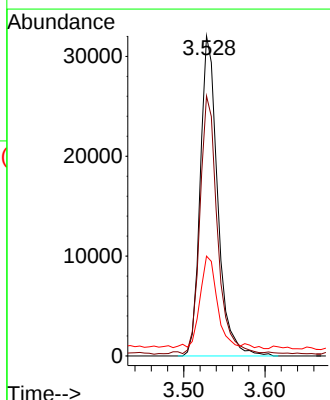
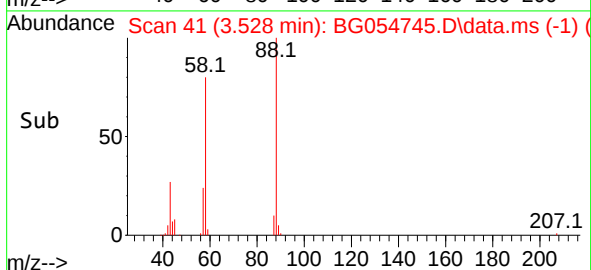
Reviewed By :Christian Giraldo 08/26/2022
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#2
1,4-Dioxane
Concen: 34.376 ng
RT: 3.528 min Scan# 41
Delta R.T. -0.007 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13



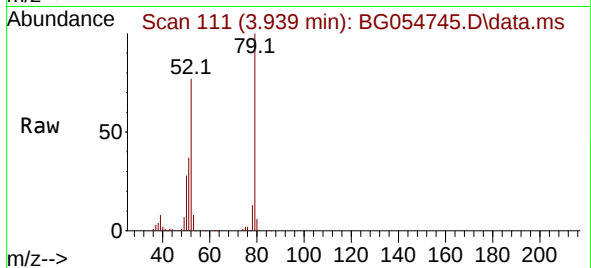
Tgt Ion: 88 Resp: 47678
Ion Ratio Lower Upper
88 100
58 80.7 65.9 98.9
43 27.9 22.7 34.1





#3
Pyridine
Concen: 32.916 ng
RT: 3.939 min Scan# 112
Delta R.T. -0.007 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

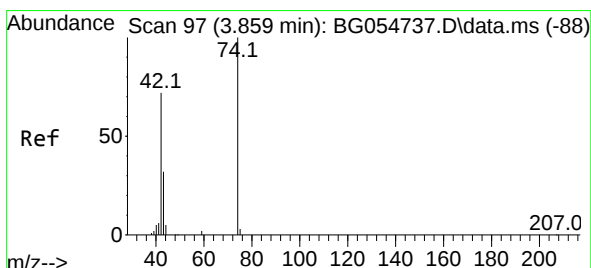
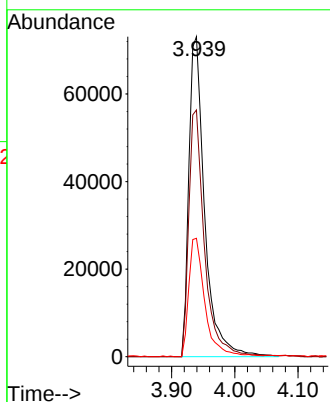
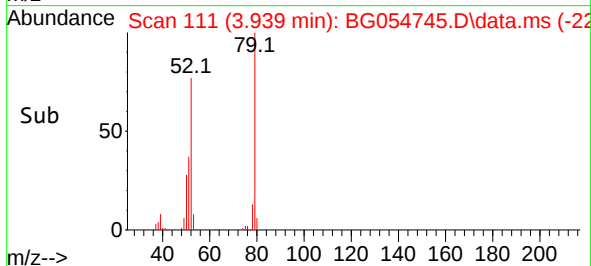
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ClientSampleId :
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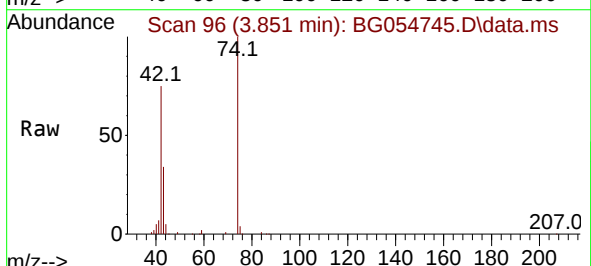
Tgt Ion: 79 Resp: 127330
Ion Ratio Lower Upper
79 100
52 77.1 61.4 92.0
51 37.0 31.4 47.0

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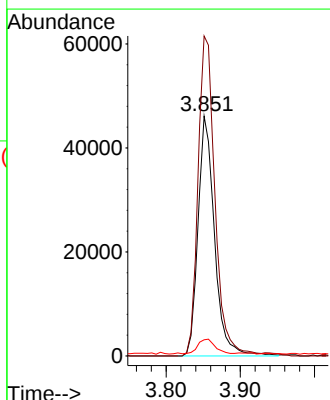
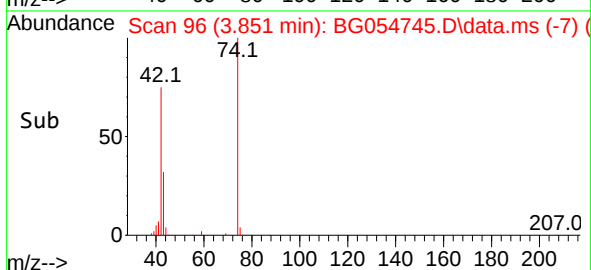
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#4
n-Nitrosodimethylamine
Concen: 42.630 ng
RT: 3.851 min Scan# 96
Delta R.T. -0.007 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13



Tgt Ion: 42 Resp: 71288
Ion Ratio Lower Upper
42 100
74 133.4 109.6 164.4
44 6.7 5.5 8.3





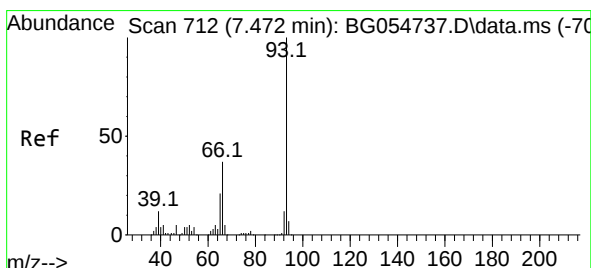
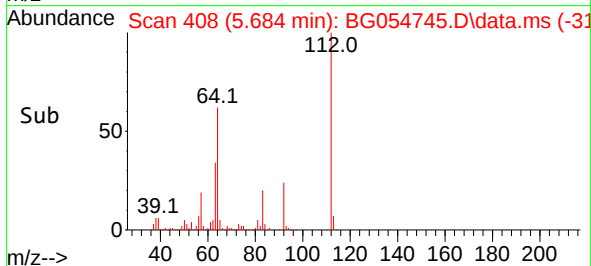
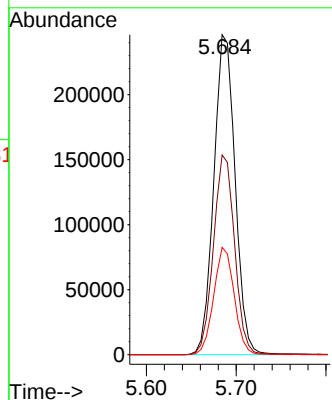
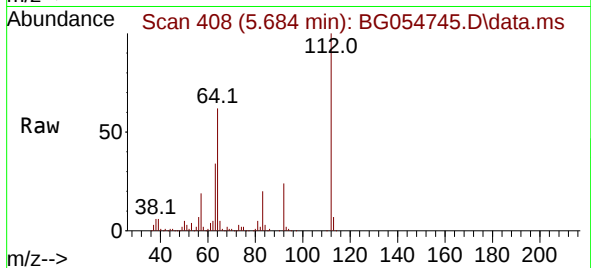
#5
2-Fluorophenol
Concen: 139.628 ng
RT: 5.684 min Scan# 408
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Instrument :
BNA_G
ClientSampleId :
PB147159BS

Tgt Ion:112 Resp: 40555
Ion Ratio Lower Upper
112 100
64 62.4 49.3 73.9
63 33.5 26.3 39.5

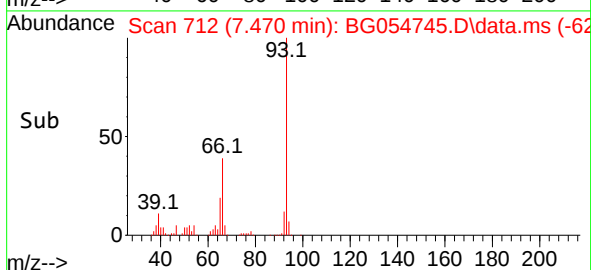
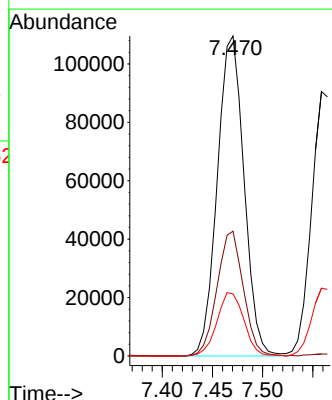
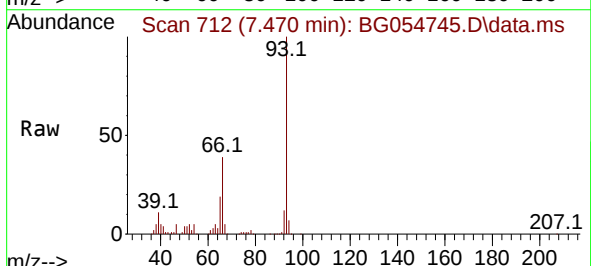
Manual Integrations
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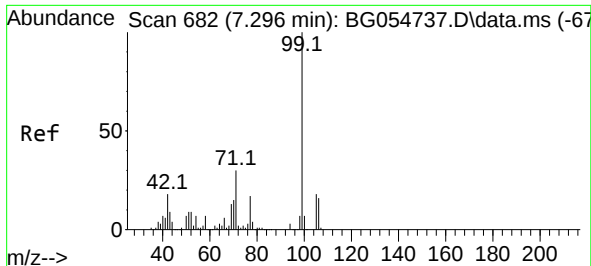
Reviewed By :Christian Giraldo 08/26/2022
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#6
Aniline
Concen: 42.941 ng
RT: 7.470 min Scan# 712
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

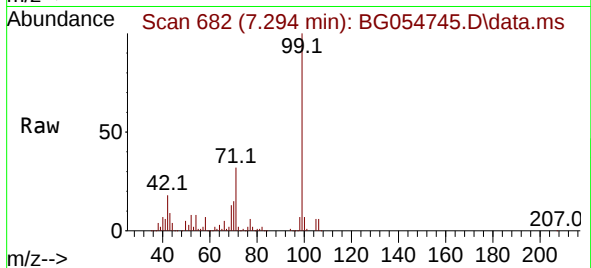
Tgt Ion: 93 Resp: 202660
Ion Ratio Lower Upper
93 100
66 39.0 31.8 47.8
65 19.4 16.6 25.0





#7
Phenol-d6
Concen: 135.408 ng
RT: 7.294 min Scan# 682
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

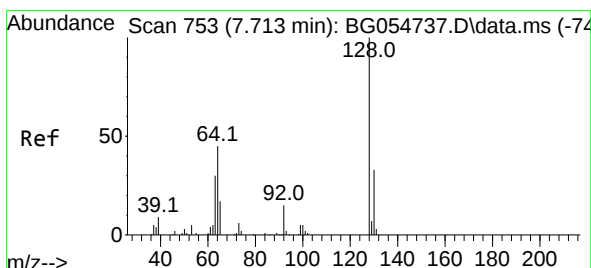
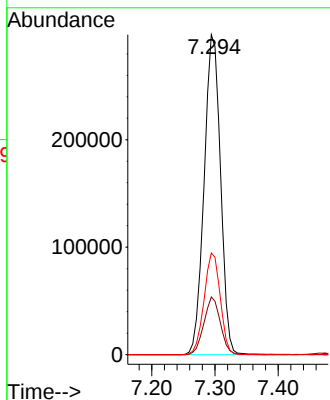
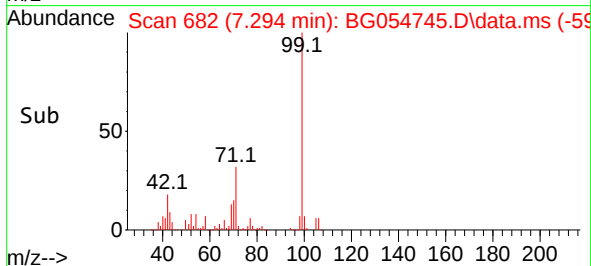
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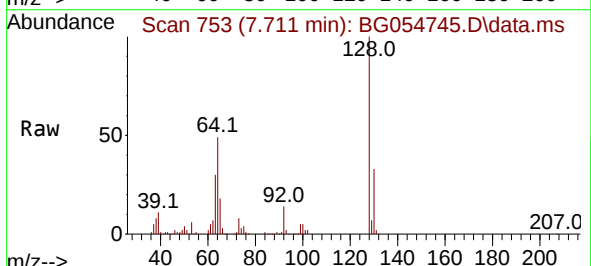
Tgt Ion: 99 Resp: 537862
Ion Ratio Lower Upper
99 100
42 18.0 14.6 22.0
71 31.8 24.6 37.0

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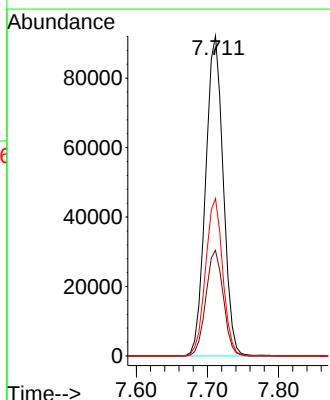
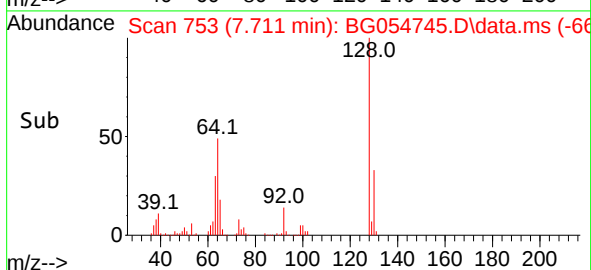
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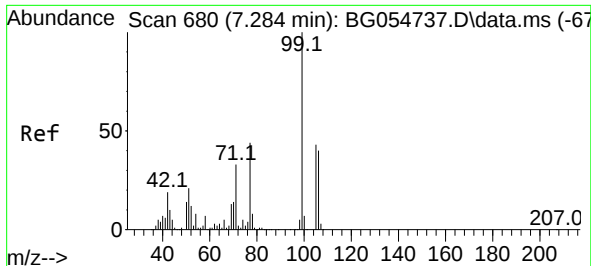


#8
2-Chlorophenol
Concen: 50.152 ng
RT: 7.711 min Scan# 753
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13



Tgt Ion:128 Resp: 159150
Ion Ratio Lower Upper
128 100
130 33.0 12.5 52.5
64 49.2 28.6 68.6





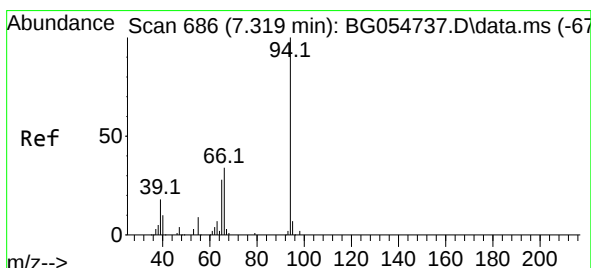
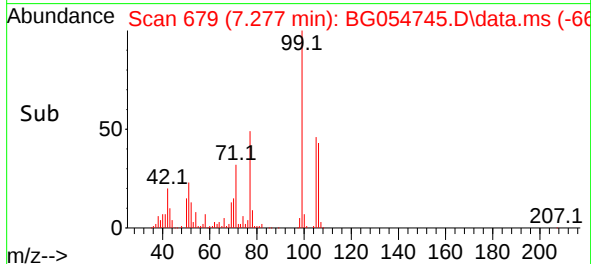
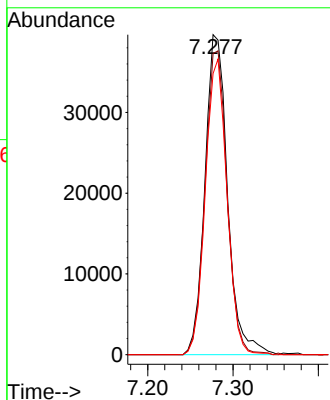
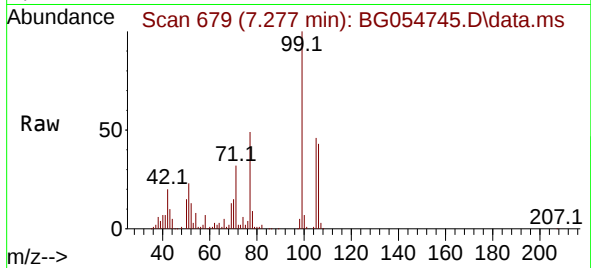
#9
Benzaldehyde
Concen: 28.155 ng
RT: 7.277 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Instrument :
BNA_G
ClientSampleId :
PB147159BS

Tgt Ion: 77 Resp: 73300
Ion Ratio Lower Upper
77 100
105 94.1 75.3 115.3
106 87.8 70.2 110.2

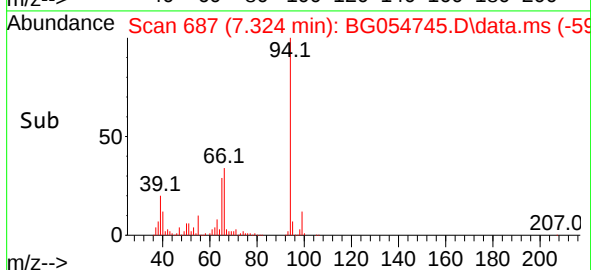
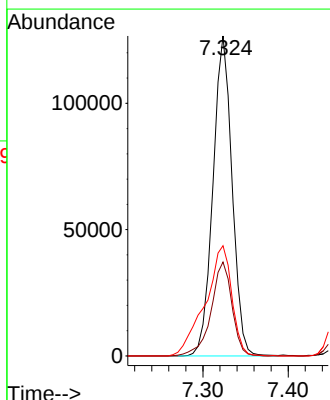
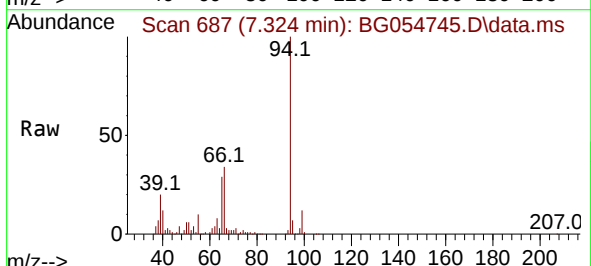
Manual Integrations
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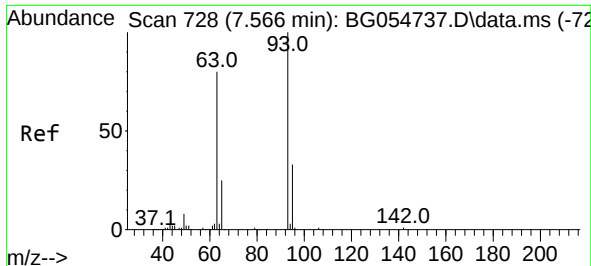
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#10
Phenol
Concen: 48.299 ng
RT: 7.324 min Scan# 687
Delta R.T. 0.004 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Tgt Ion: 94 Resp: 197298
Ion Ratio Lower Upper
94 100
65 29.4 9.9 49.9
66 34.5 16.4 56.4





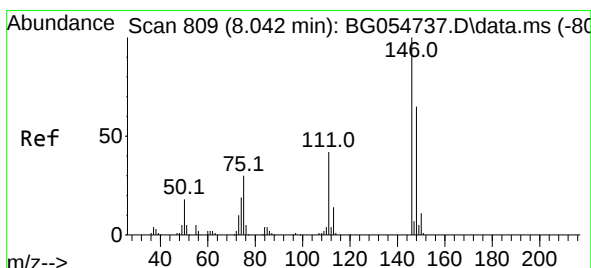
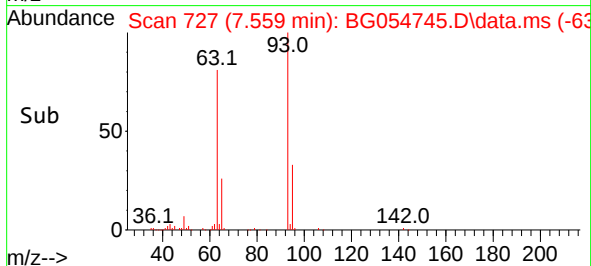
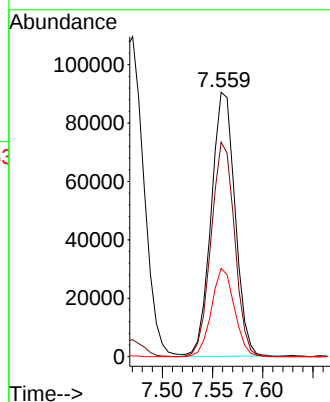
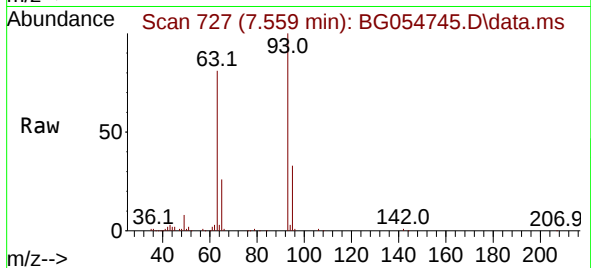
#11
bis(2-Chloroethyl)ether
Concen: 45.529 ng
RT: 7.559 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Instrument :
BNA_G
ClientSampleId :
PB147159BS

Tgt Ion: 93 Resp: 149579
Ion Ratio Lower Upper
93 100
63 81.1 62.1 102.1
95 33.4 12.1 52.1

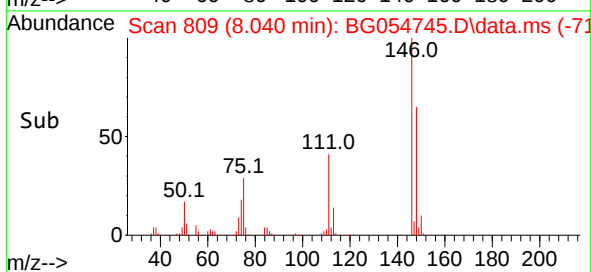
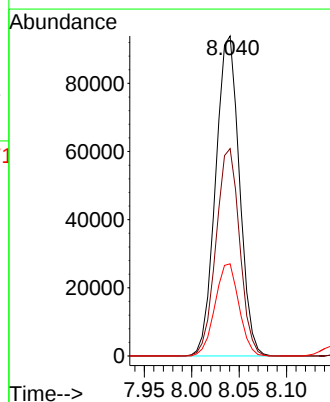
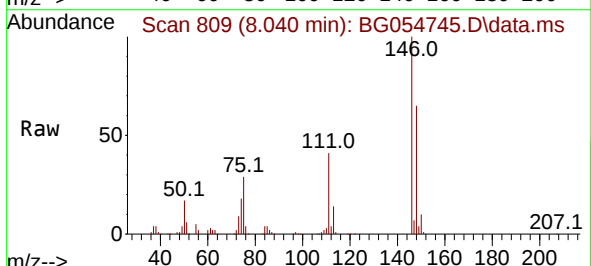
Manual Integrations
APPROVED

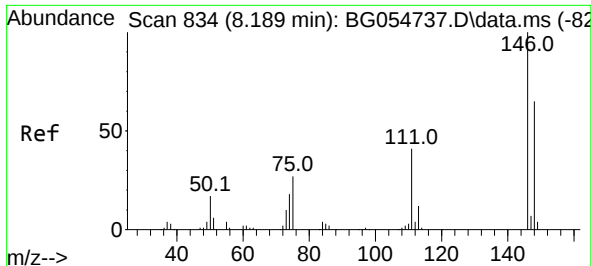
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#12
1,3-Dichlorobenzene
Concen: 44.587 ng
RT: 8.040 min Scan# 809
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Tgt Ion:146 Resp: 163737
Ion Ratio Lower Upper
146 100
148 64.8 50.6 76.0
75 28.8 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 44.424 ng

RT: 8.187 min Scan# 81

Delta R.T. -0.002 min

Lab File: BG054745.D

Acq: 25 Aug 2022 21:13

Instrument :

BNA_G

ClientSampleId :

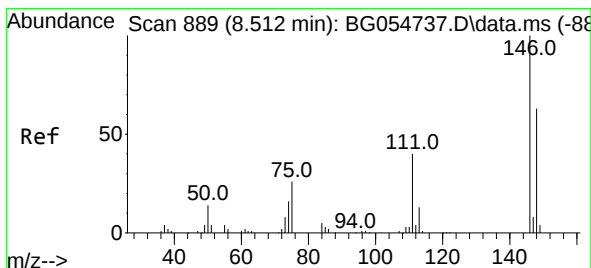
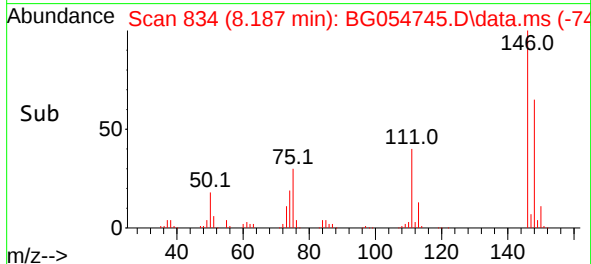
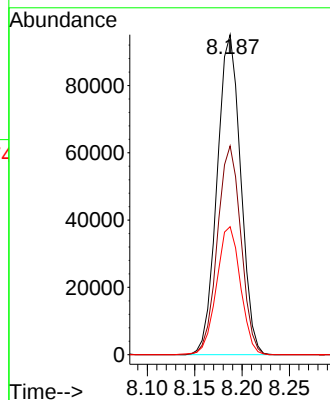
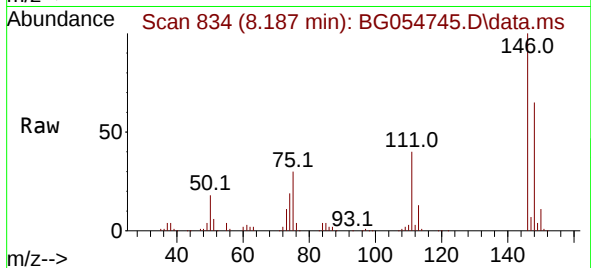
PB147159BS

Tgt Ion:146 Resp: 164554
 Ion Ratio Lower Upper
 146 100
 148 65.3 50.4 75.6
 111 40.0 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: 45.757 ng

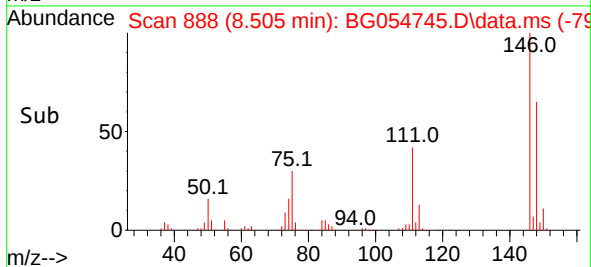
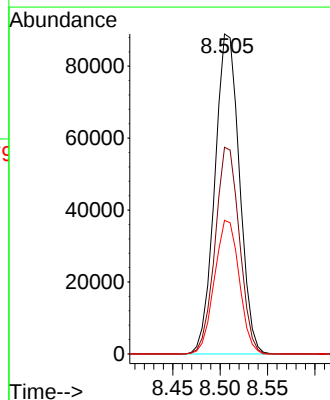
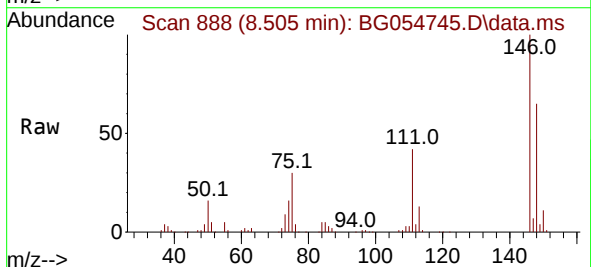
RT: 8.505 min Scan# 888

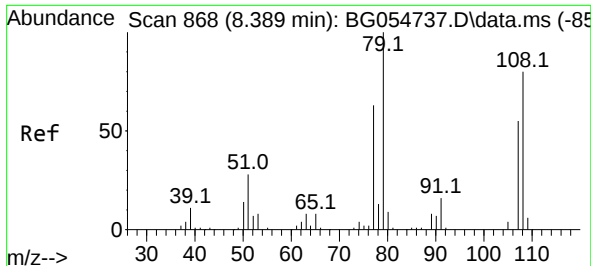
Delta R.T. -0.007 min

Lab File: BG054745.D

Acq: 25 Aug 2022 21:13

Tgt Ion:146 Resp: 160715
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.2 76.8
 111 41.8 34.3 51.5





#15
Benzyl Alcohol
Concen: 48.653 ng
RT: 8.387 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Instrument :

BNA_G

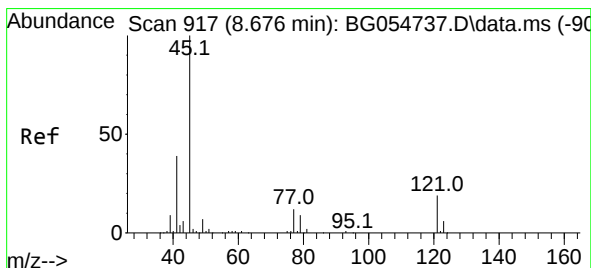
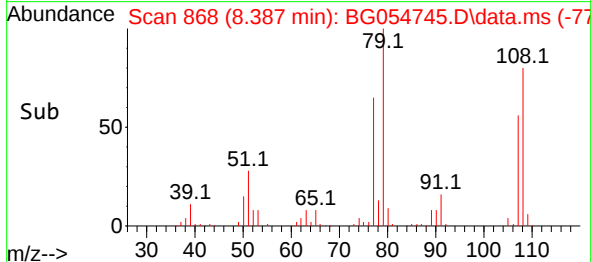
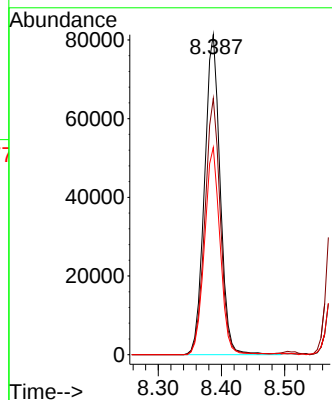
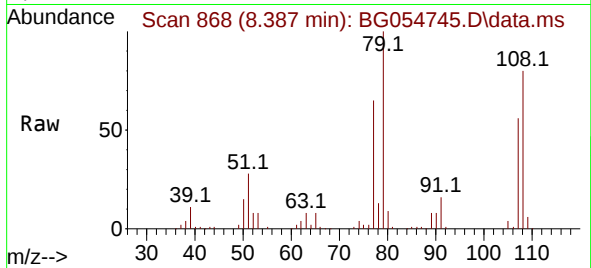
ClientSampleId :

PB147159BS

Tgt Ion: 79 Resp: 13961
Ion Ratio Lower Upper
79 100
108 80.1 63.4 95.0
77 64.8 55.0 82.4

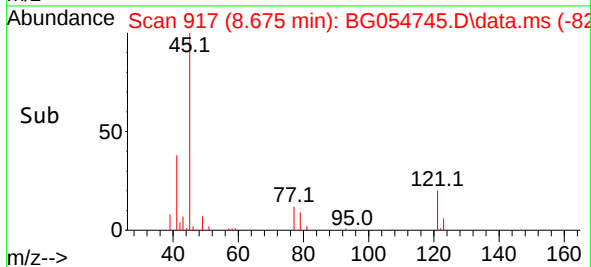
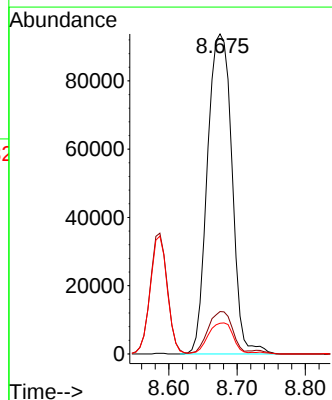
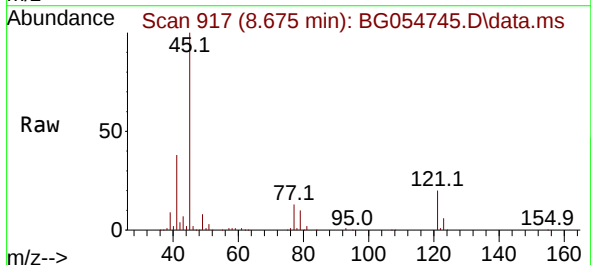
Manual Integrations
APPROVED

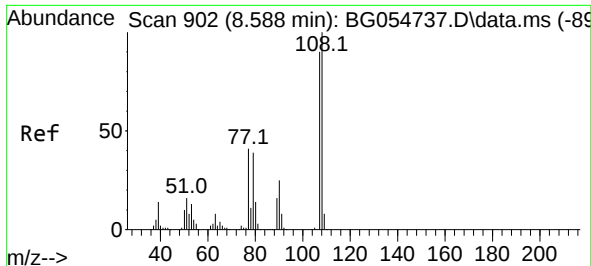
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.590 ng
RT: 8.675 min Scan# 917
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Tgt Ion: 45 Resp: 234366
Ion Ratio Lower Upper
45 100
77 13.3 0.0 32.8
79 9.6 0.0 30.4





#17

2-Methylphenol

Concen: 49.091 ng

RT: 8.587 min Scan# 902

Delta R.T. -0.002 min

Lab File: BG054745.D

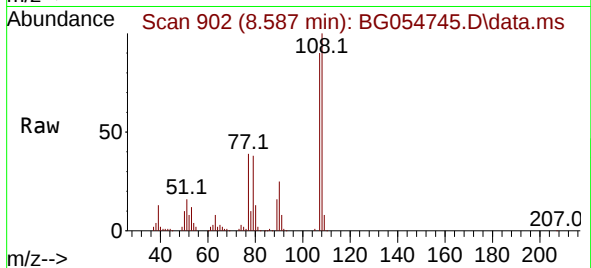
Acq: 25 Aug 2022 21:13

Instrument :

BNA_G

ClientSampleId :

PB147159BS



Tgt Ion:107 Resp: 13806

Ion Ratio Lower Upper

107 100

108 111.2 85.6 128.4

77 43.7 35.8 53.8

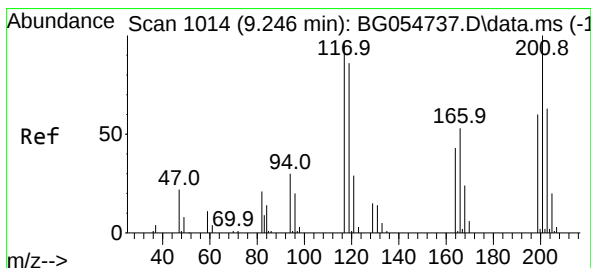
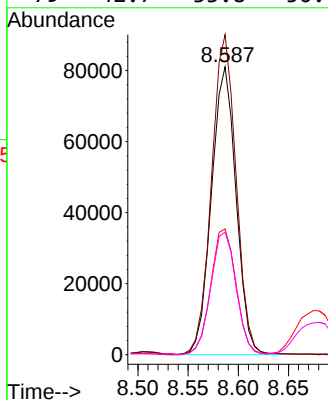
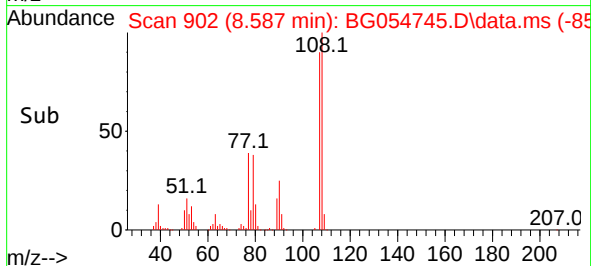
79 42.7 33.8 50.6

Manual Integrations

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Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#18

Hexachloroethane

Concen: 44.402 ng

RT: 9.245 min Scan# 1014

Delta R.T. -0.002 min

Lab File: BG054745.D

Acq: 25 Aug 2022 21:13

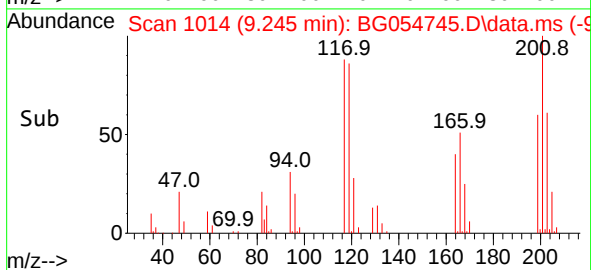
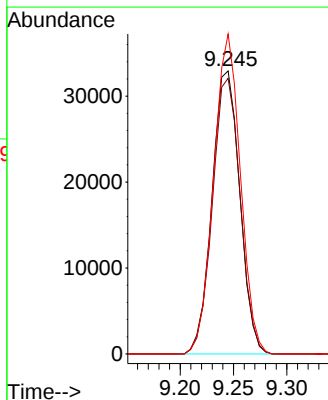
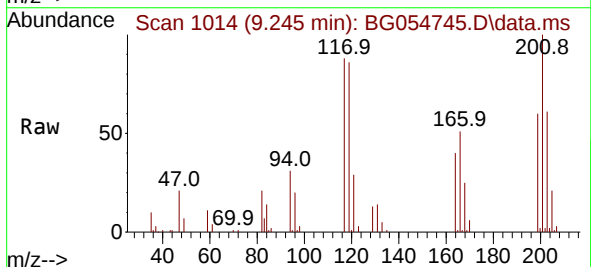
Tgt Ion:117 Resp: 59641

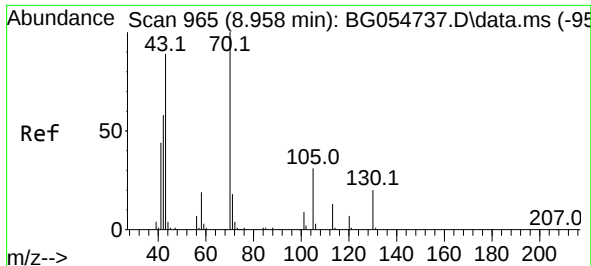
Ion Ratio Lower Upper

117 100

119 97.4 77.0 115.6

201 113.1 87.2 130.8





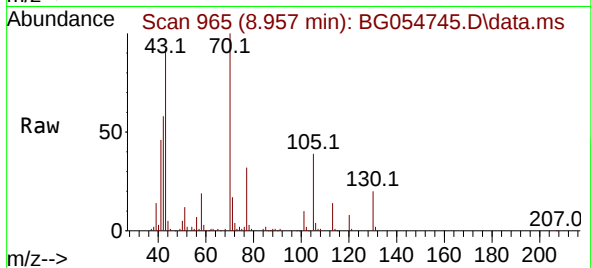
#19
n-Nitroso-di-n-propylamine
Concen: 44.558 ng
RT: 8.957 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Instrument :

BNA_G

ClientSampleId :

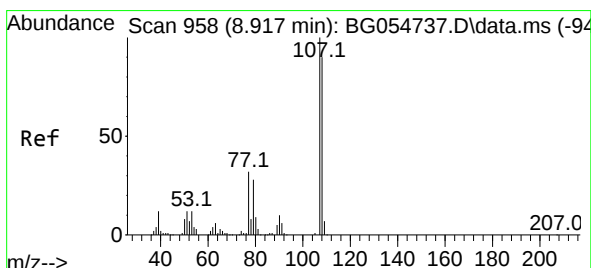
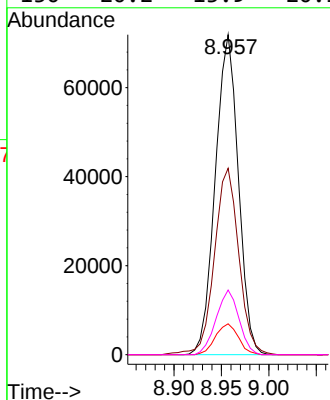
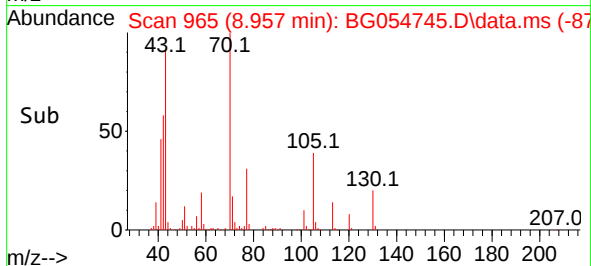
PB147159BS



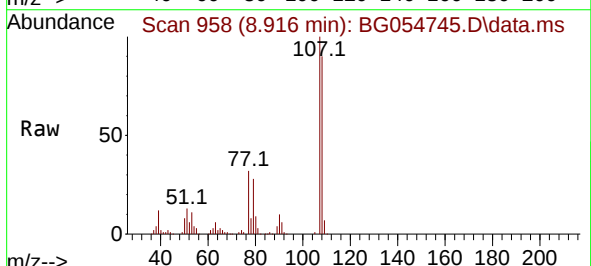
Tgt Ion: 70 Resp: 12171
Ion Ratio Lower Upper
70 100
42 58.3 46.6 69.8
101 9.7 7.7 11.5
130 20.2 13.9 20.9

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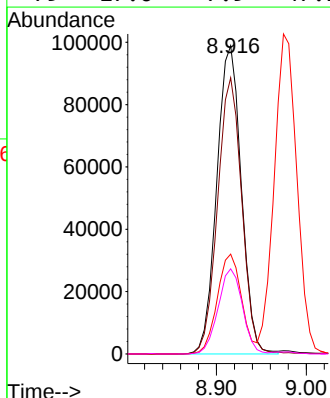
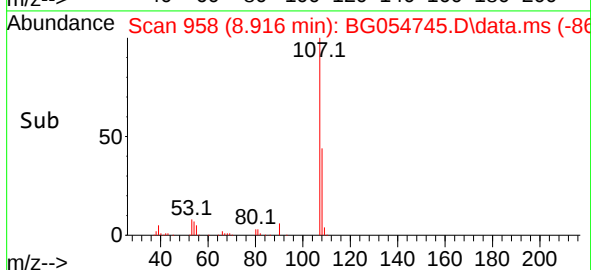
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#20
3+4-Methylphenols
Concen: 48.034 ng
RT: 8.916 min Scan# 958
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13



Tgt Ion:107 Resp: 187336
Ion Ratio Lower Upper
107 100
108 89.6 71.6 111.6
77 32.4 13.1 53.1
79 27.6 7.9 47.9





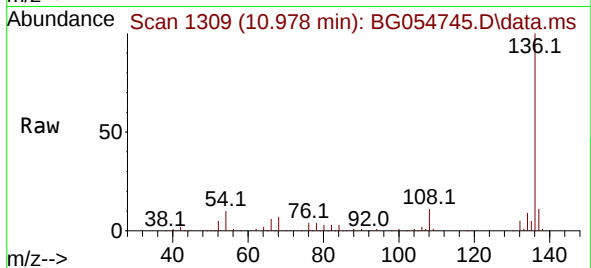
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.978 min Scan# 1309
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Instrument :

BNA_G

ClientSampleId :

PB147159BS

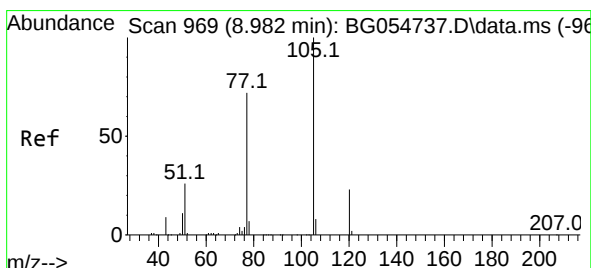
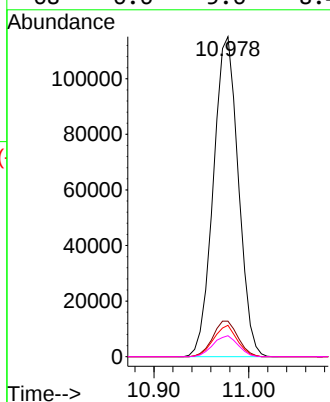
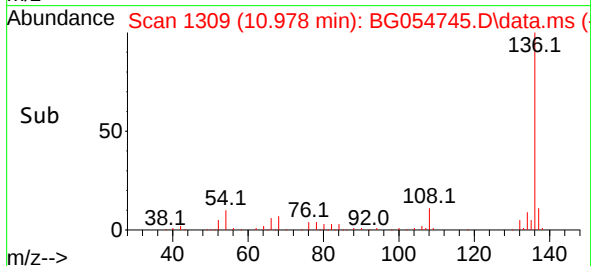


Tgt Ion:136 Resp: 21082
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 9.8 7.7 11.5
68 6.6 5.6 8.4

Manual Integrations

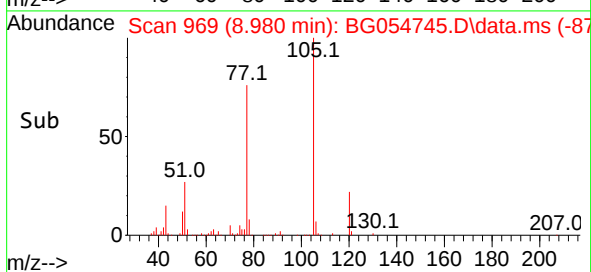
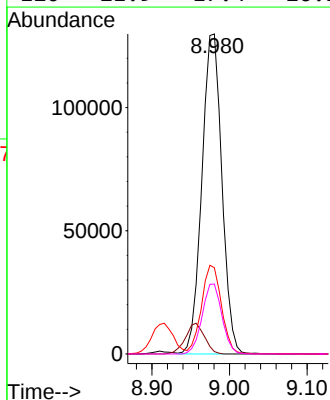
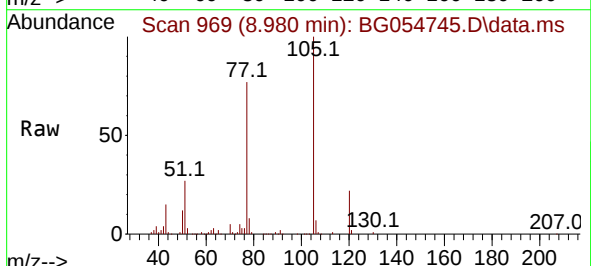
APPROVED

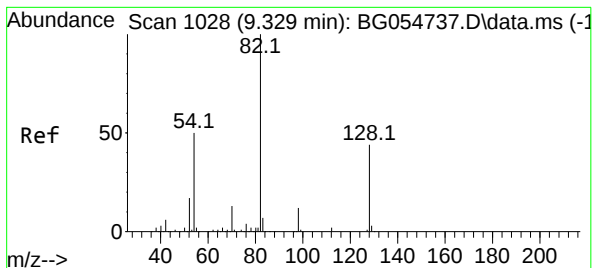
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#22
Acetophenone
Concen: 44.187 ng
RT: 8.980 min Scan# 969
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Tgt Ion:105 Resp: 233060
Ion Ratio Lower Upper
105 100
71 0.8 1.2 1.8#
51 26.9 22.9 34.3
120 21.9 17.4 26.2





#23

Nitrobenzene-d5

Concen: 79.759 ng

RT: 9.321 min Scan# 1027

Delta R.T. -0.007 min

Lab File: BG054745.D

Acq: 25 Aug 2022 21:13

Instrument :

BNA_G

ClientSampleId :

PB147159BS

Tgt Ion: 82 Resp: 320310

Ion Ratio Lower Upper

82 100

128 43.1 32.2 48.2

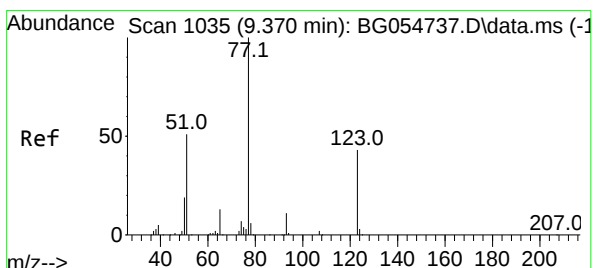
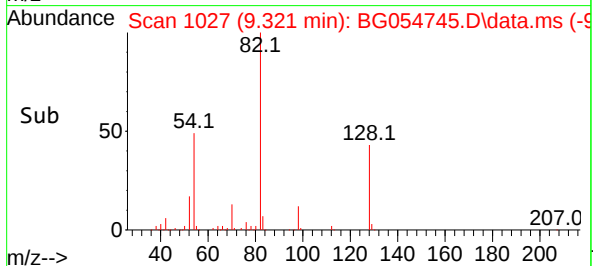
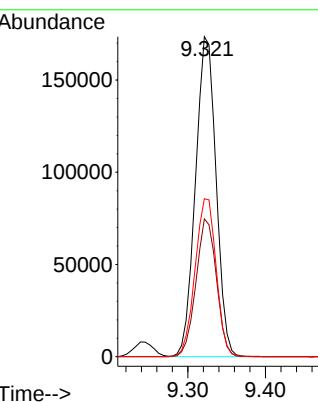
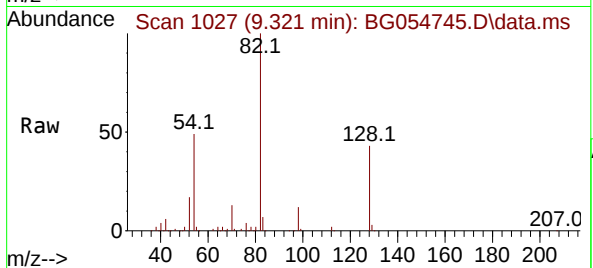
54 49.3 41.4 62.0

Manual Integrations

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Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#24

Nitrobenzene

Concen: 42.371 ng

RT: 9.368 min Scan# 1035

Delta R.T. -0.002 min

Lab File: BG054745.D

Acq: 25 Aug 2022 21:13

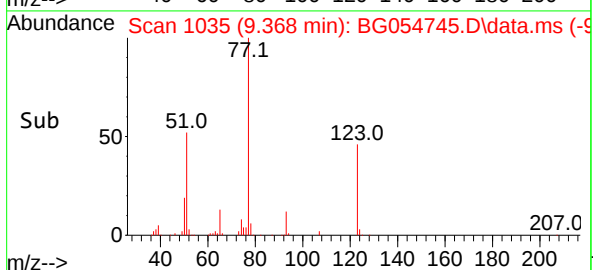
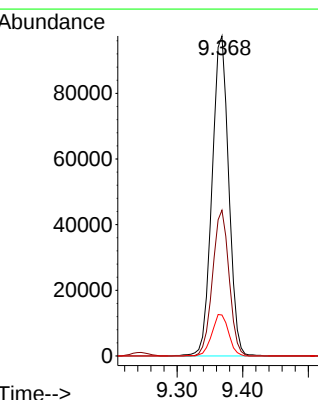
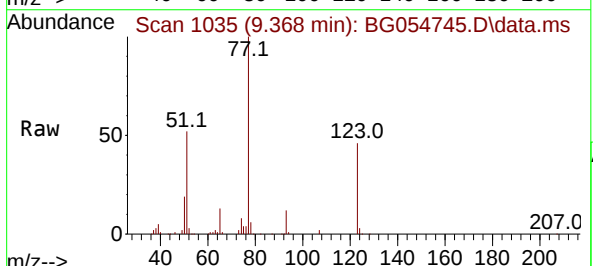
Tgt Ion: 77 Resp: 171512

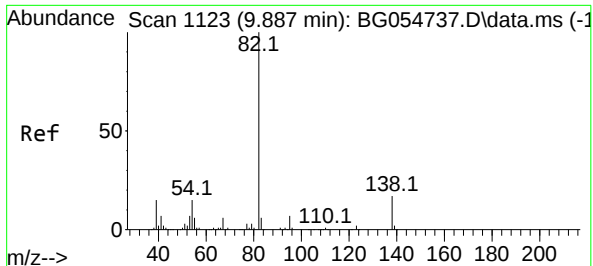
Ion Ratio Lower Upper

77 100

123 45.6 35.0 52.6

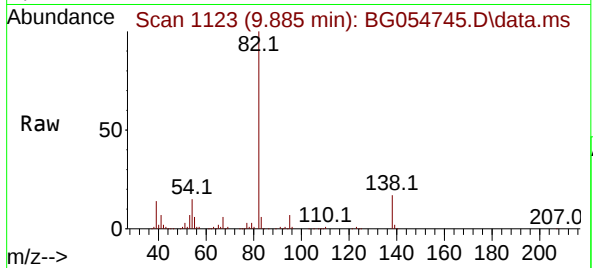
65 12.8 10.2 15.2





#25
Isophorone
Concen: 44.980 ng
RT: 9.885 min Scan# 1123
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

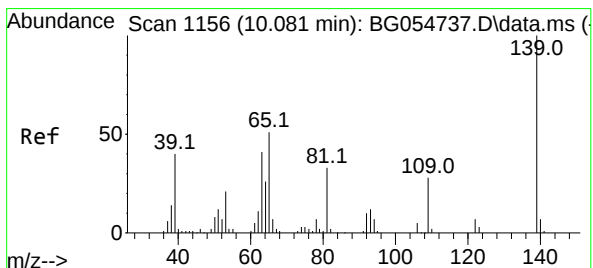
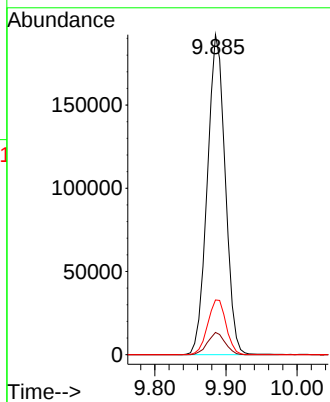
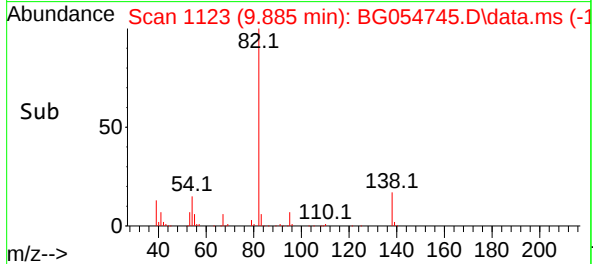
Instrument :
BNA_G
ClientSampleId :
PB147159BS



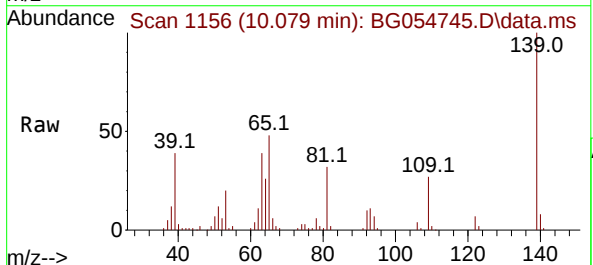
Tgt Ion: 82 Resp: 336814
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.1 13.9 20.9

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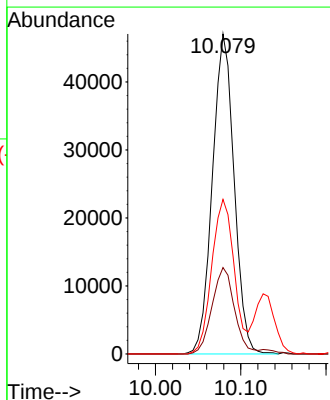
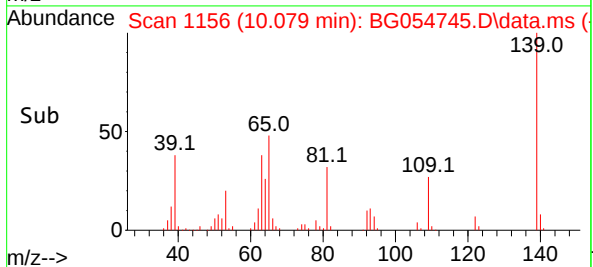
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

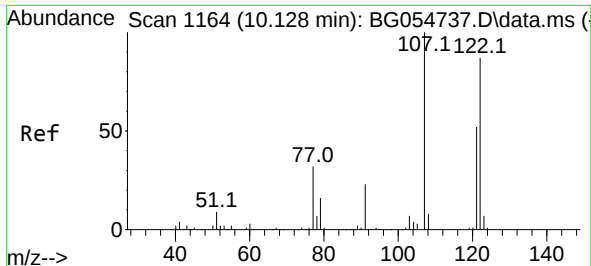


#26
2-Nitrophenol
Concen: 46.605 ng
RT: 10.079 min Scan# 1156
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13



Tgt Ion:139 Resp: 83331
Ion Ratio Lower Upper
139 100
109 27.0 21.8 32.6
65 48.3 37.4 56.0





#27

2,4-Dimethylphenol

Concen: 53.535 ng

RT: 10.126 min Scan# 1164

Delta R.T. -0.002 min

Lab File: BG054745.D

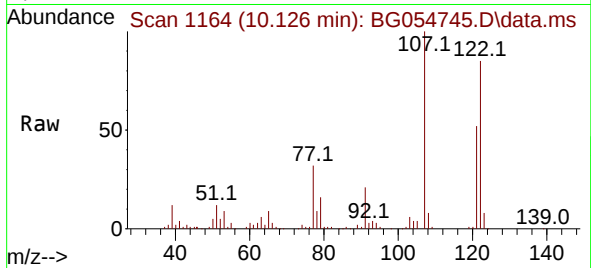
Acq: 25 Aug 2022 21:13

Instrument :

BNA_G

ClientSampleId :

PB147159BS



Tgt Ion:122 Resp: 15166

Ion Ratio Lower Upper

122 100

107 117.8 94.6 142.0

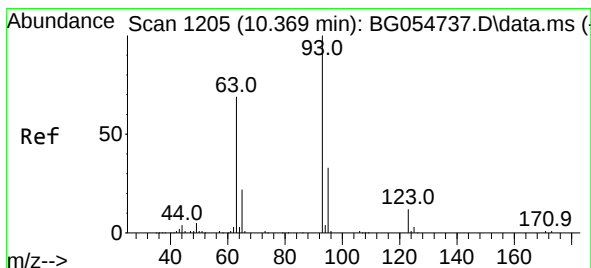
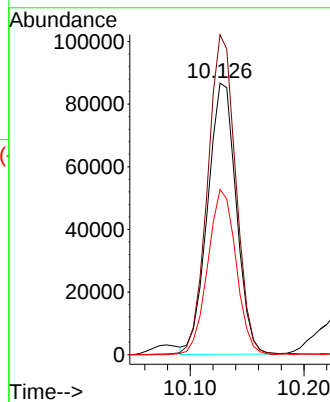
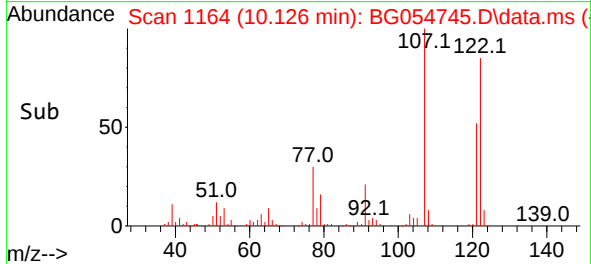
121 60.8 49.8 74.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#28

bis(2-Chloroethoxy)methane

Concen: 48.533 ng

RT: 10.367 min Scan# 1205

Delta R.T. -0.002 min

Lab File: BG054745.D

Acq: 25 Aug 2022 21:13

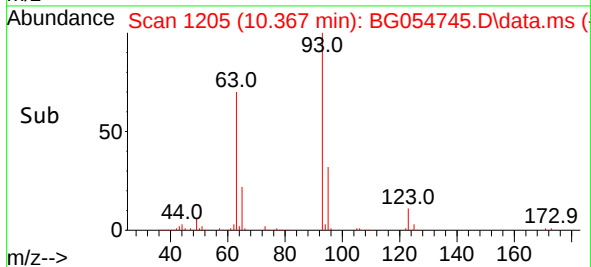
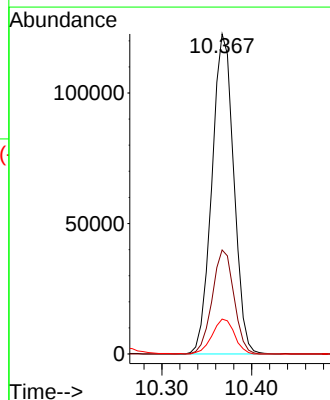
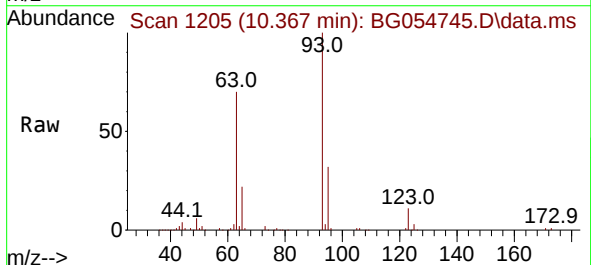
Tgt Ion: 93 Resp: 207085

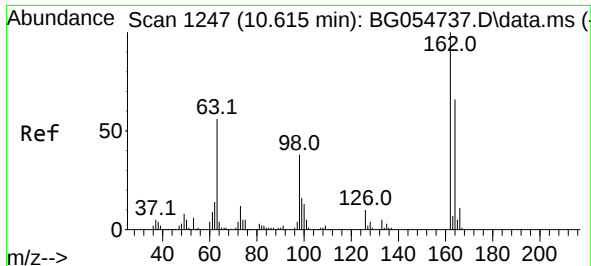
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 10.9 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 47.744 ng

RT: 10.614 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG054745.D

Acq: 25 Aug 2022 21:13

Instrument :

BNA_G

ClientSampleId :

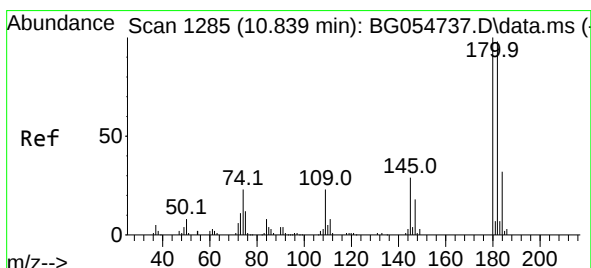
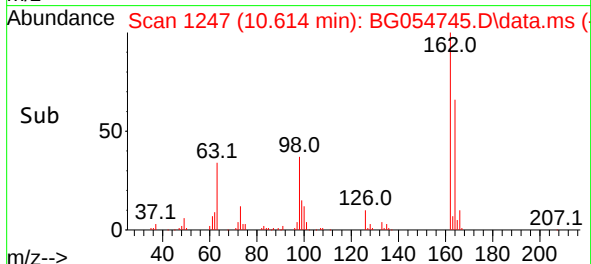
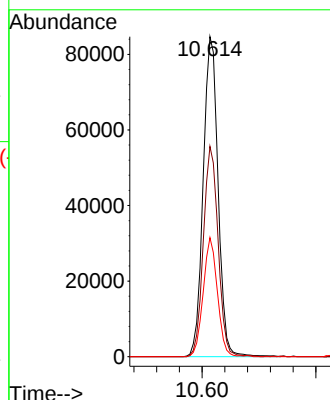
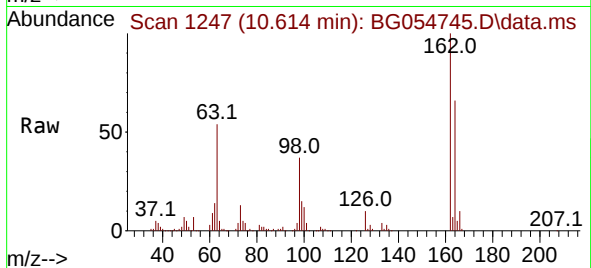
PB147159BS

Tgt Ion:162 Resp: 15384
 Ion Ratio Lower Upper
 162 100
 164 65.7 47.2 87.2
 98 37.2 16.6 56.6

Manual Integrations

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



#30

1,2,4-Trichlorobenzene

Concen: 42.140 ng

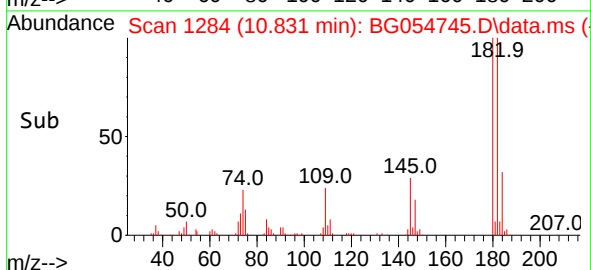
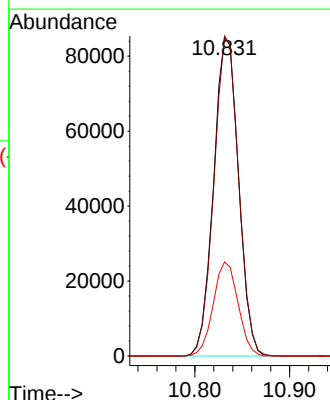
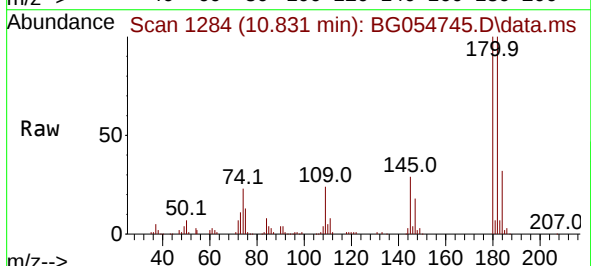
RT: 10.831 min Scan# 1284

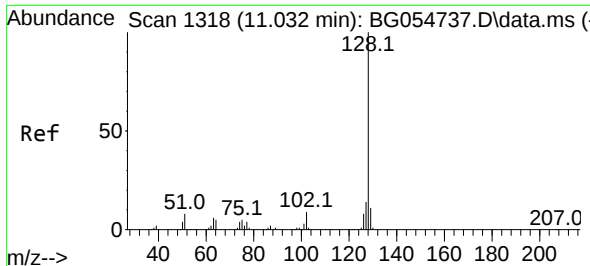
Delta R.T. -0.007 min

Lab File: BG054745.D

Acq: 25 Aug 2022 21:13

Tgt Ion:180 Resp: 155173
 Ion Ratio Lower Upper
 180 100
 182 100.4 77.0 115.6
 145 29.5 24.0 36.0





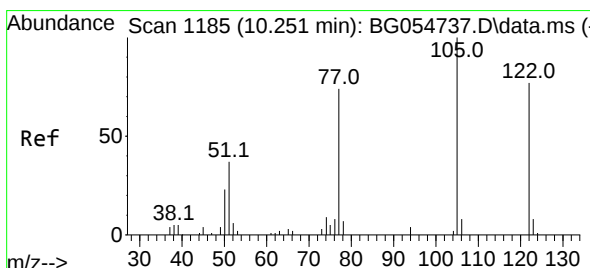
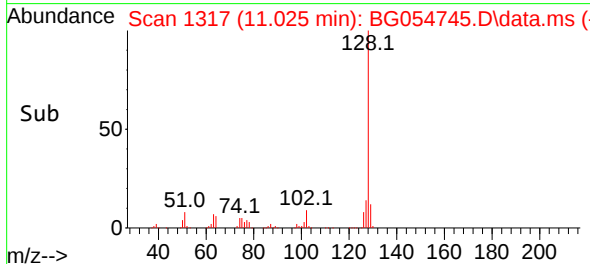
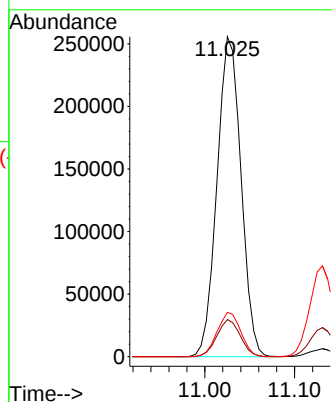
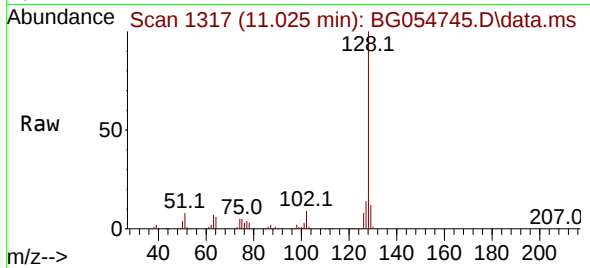
#31
Naphthalene
Concen: 41.930 ng
RT: 11.025 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Instrument :
BNA_G
ClientSampleId :
PB147159BS

Tgt Ion:128 Resp: 47427
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.9 11.1 16.7

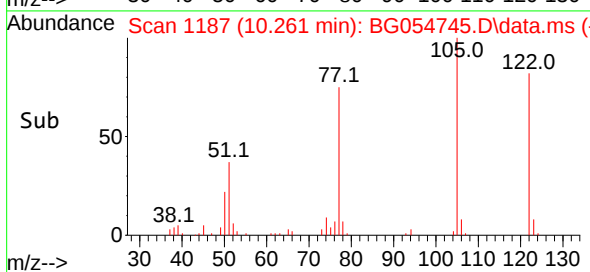
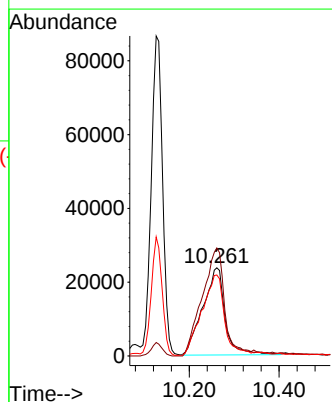
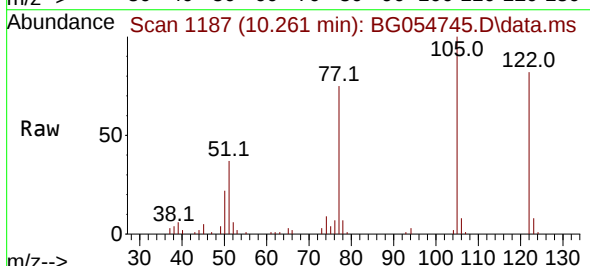
Manual Integrations
APPROVED

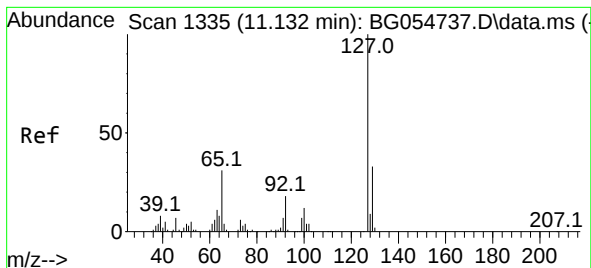
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#32
Benzoic acid
Concen: 41.736 ng
RT: 10.261 min Scan# 1187
Delta R.T. 0.010 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Tgt Ion:122 Resp: 81954
Ion Ratio Lower Upper
122 100
105 122.5 101.5 141.5
77 91.8 69.3 109.3





#33
4-Chloroaniline
Concen: 29.717 ng
RT: 11.131 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Instrument :

BNA_G

ClientSampleId :

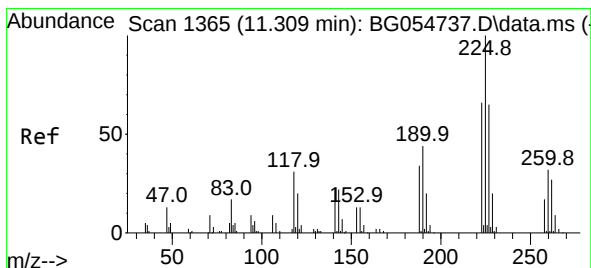
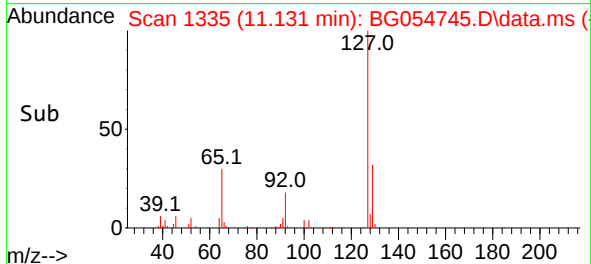
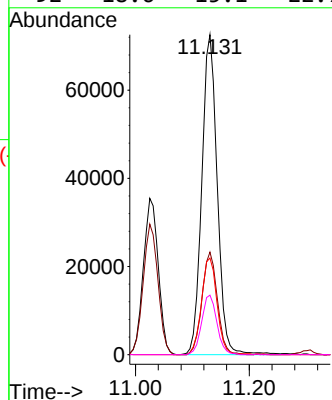
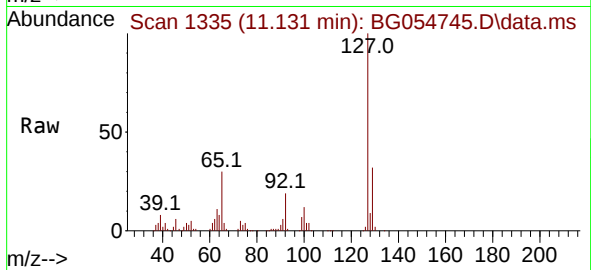
PB147159BS

Tgt Ion:127 Resp: 13703
Ion Ratio Lower Upper
127 100
129 32.1 26.0 39.0
65 30.2 25.8 38.8
92 18.6 15.1 22.7

Manual Integrations

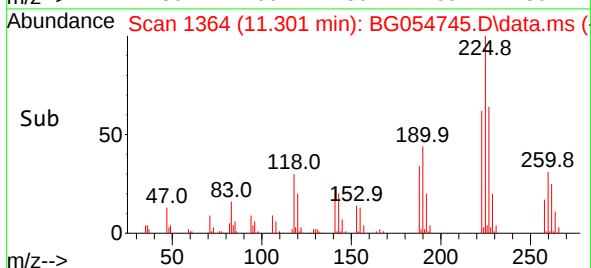
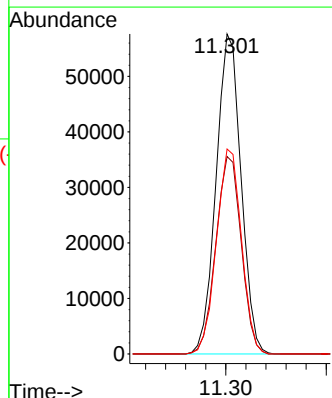
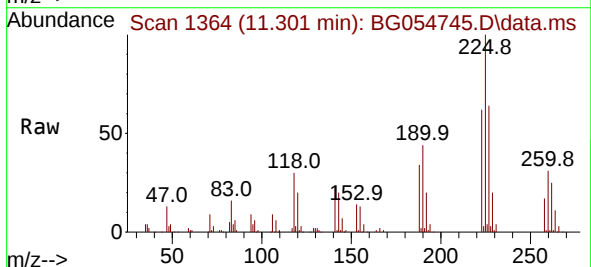
APPROVED

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



#34
Hexachlorobutadiene
Concen: 42.142 ng
RT: 11.301 min Scan# 1364
Delta R.T. -0.007 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Tgt Ion:225 Resp: 99425
Ion Ratio Lower Upper
225 100
223 61.7 51.4 77.0
227 64.1 52.6 79.0





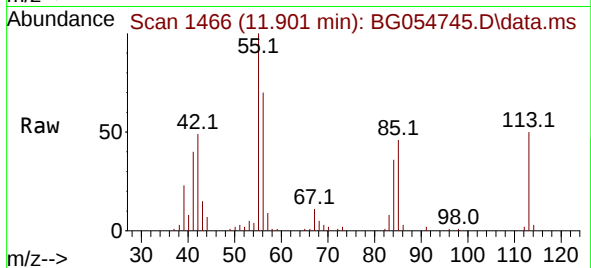
#35
Caprolactam
Concen: 47.078 ng m
RT: 11.901 min Scan# 1466
Delta R.T. -0.001 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Instrument :

BNA_G

ClientSampleId :

PB147159BS

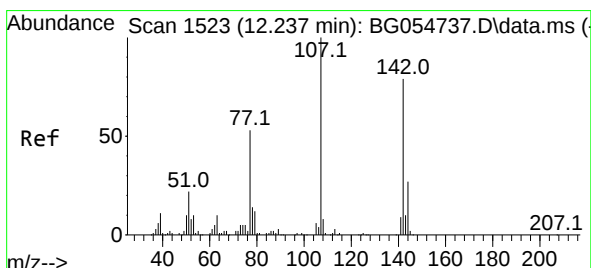
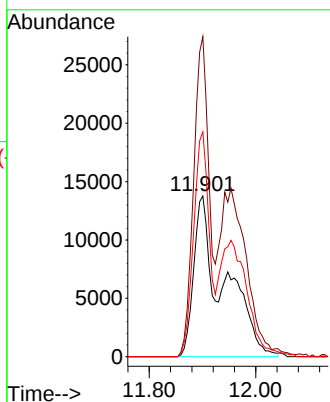
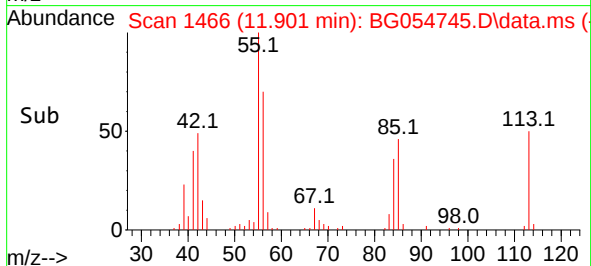


Tgt Ion:113 Resp: 53519
Ion Ratio Lower Upper
113 100
55 199.0 179.1 219.1
56 139.8 120.8 160.8

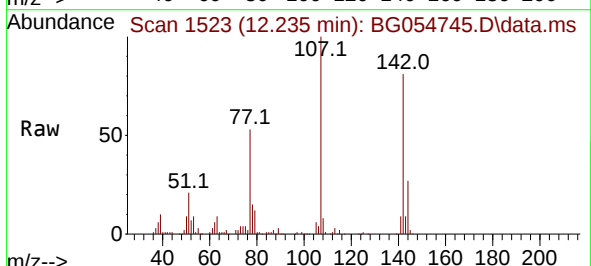
Manual Integrations

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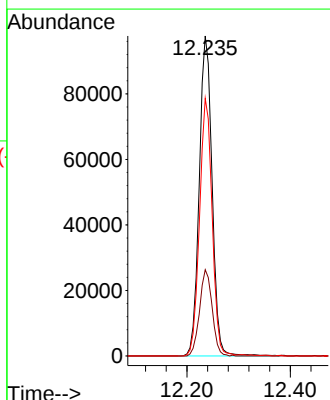
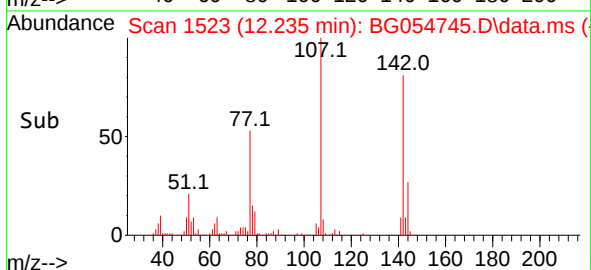
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#36
4-Chloro-3-methylphenol
Concen: 47.704 ng
RT: 12.235 min Scan# 1523
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13



Tgt Ion:107 Resp: 168093
Ion Ratio Lower Upper
107 100
144 26.9 22.4 33.6
142 80.5 65.8 98.8





#37
2-Methylnaphthalene
Concen: 42.357 ng
RT: 12.623 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Instrument :

BNA_G

ClientSampleId :

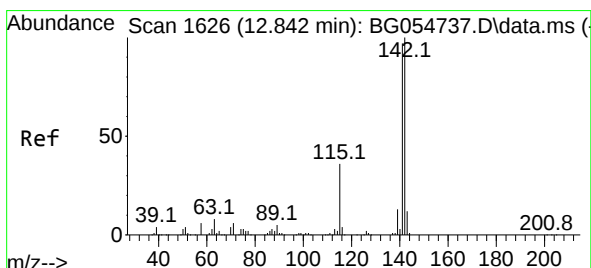
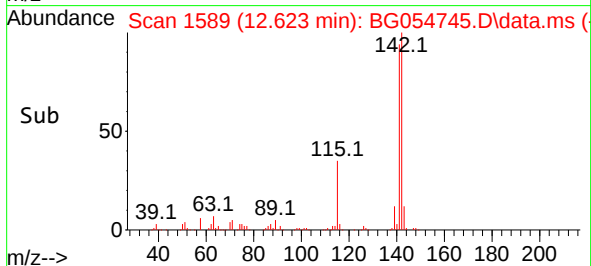
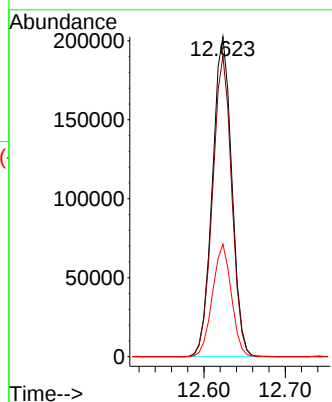
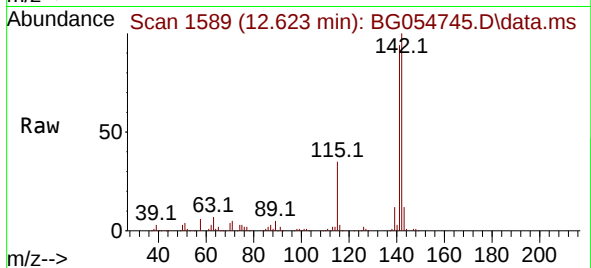
PB147159BS

Tgt Ion:142 Resp: 335800
Ion Ratio Lower Upper
142 100
141 94.0 73.0 109.4
115 35.2 27.3 40.9

Manual Integrations

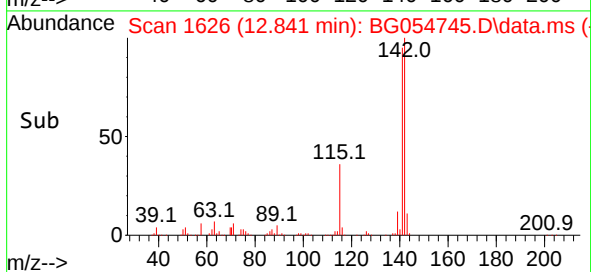
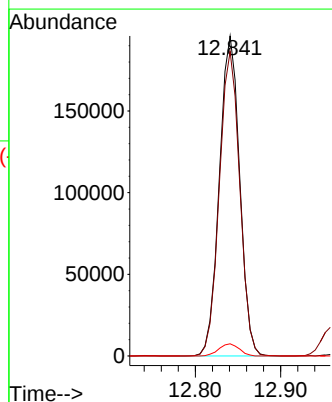
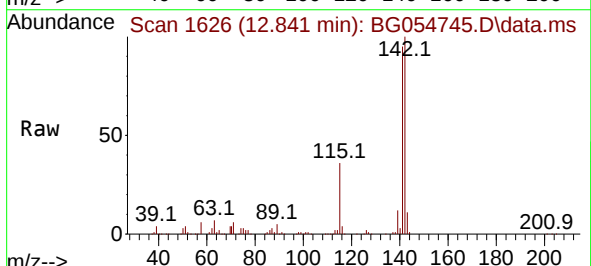
APPROVED

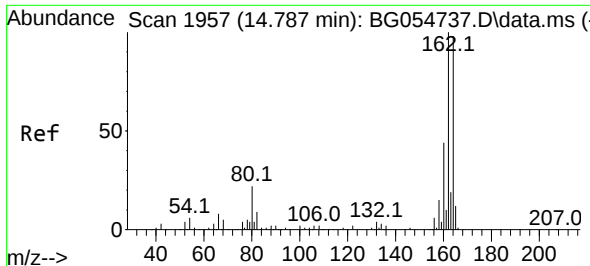
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#38
1-Methylnaphthalene
Concen: 42.090 ng
RT: 12.841 min Scan# 1626
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

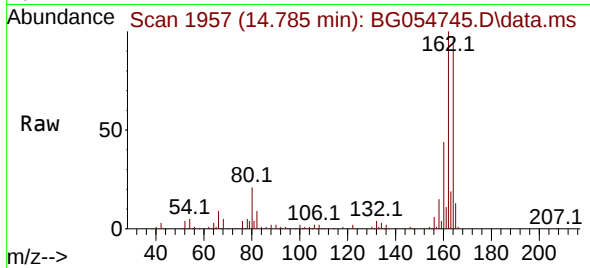
Tgt Ion:142 Resp: 324647
Ion Ratio Lower Upper
142 100
141 95.1 77.4 116.0
116 3.8 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.785 min Scan# 1957
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

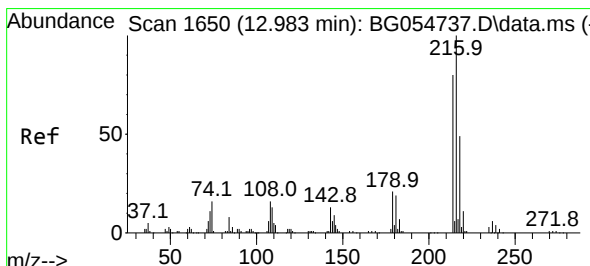
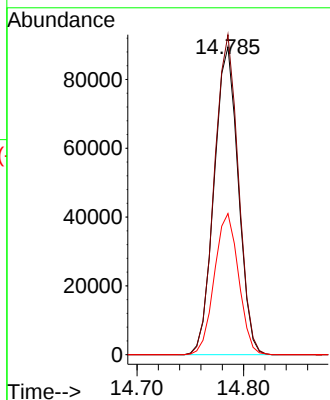
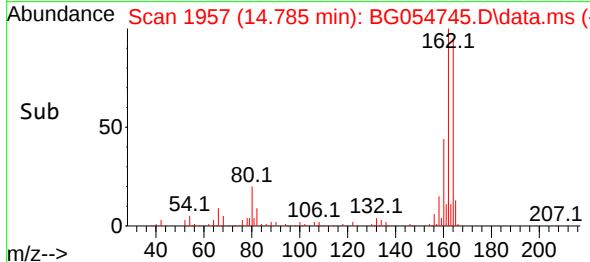
Instrument :
BNA_G
ClientSampleId :
PB147159BS



Tgt Ion:164 Resp: 14047
Ion Ratio Lower Upper
164 100
162 104.0 83.0 124.4
160 45.8 38.0 57.0

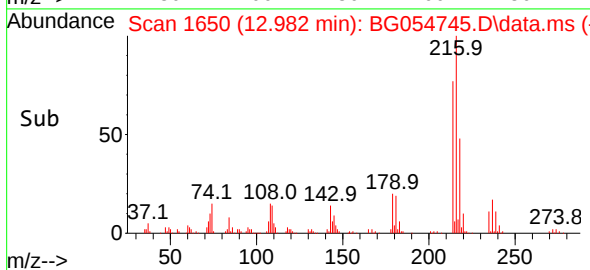
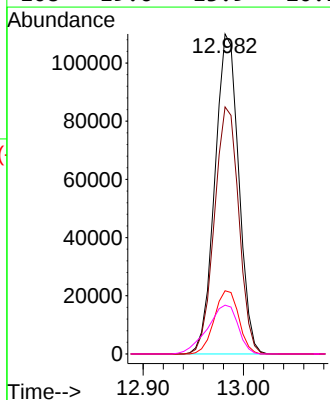
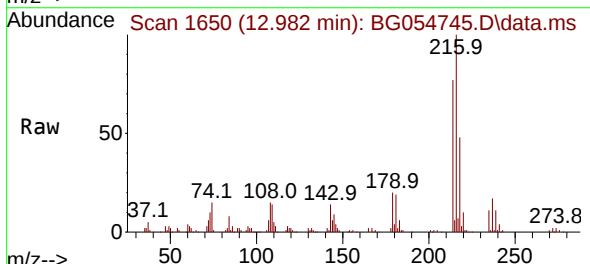
Manual Integrations
APPROVED

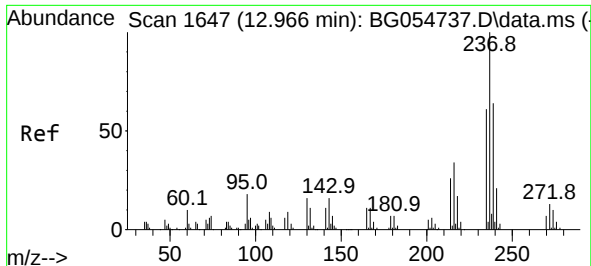
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.756 ng
RT: 12.982 min Scan# 1650
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Tgt Ion:216 Resp: 181047
Ion Ratio Lower Upper
216 100
214 78.8 63.2 94.8
179 20.3 16.5 24.7
108 19.6 13.9 20.9





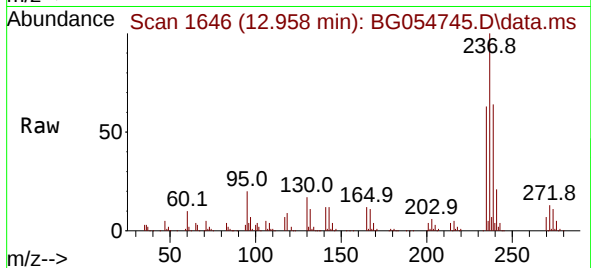
#41
Hexachlorocyclopentadiene
Concen: 109.125 ng
RT: 12.958 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Instrument :

BNA_G

ClientSampleId :

PB147159BS

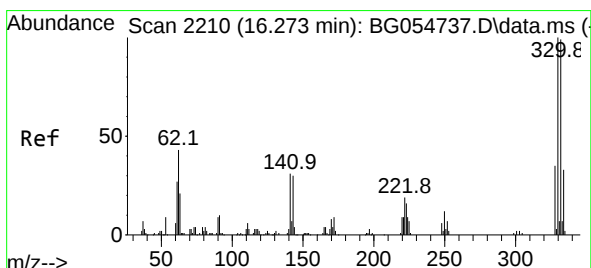
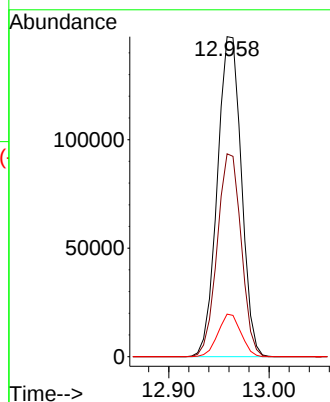
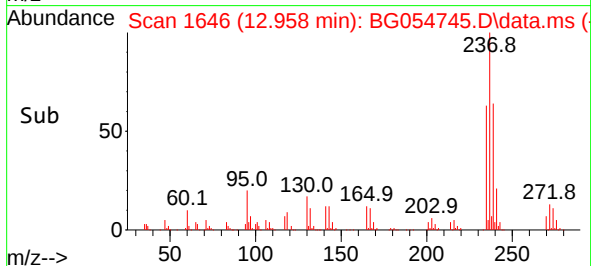


Tgt Ion:237 Resp: 245060
Ion Ratio Lower Upper
237 100
235 63.4 42.2 82.2
272 13.3 0.0 34.0

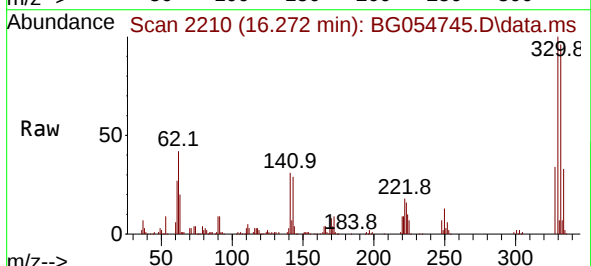
Manual Integrations

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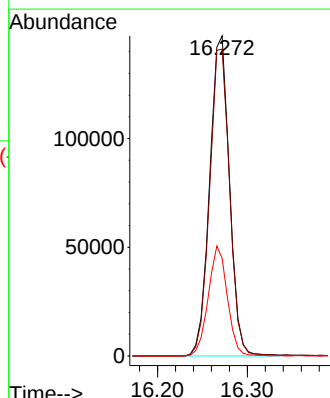
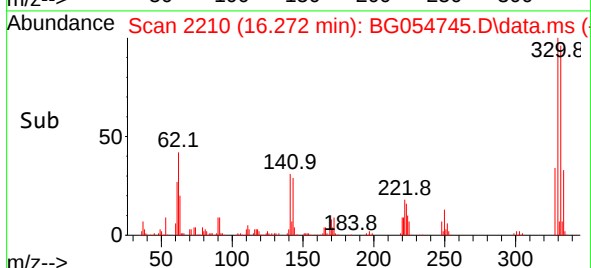
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

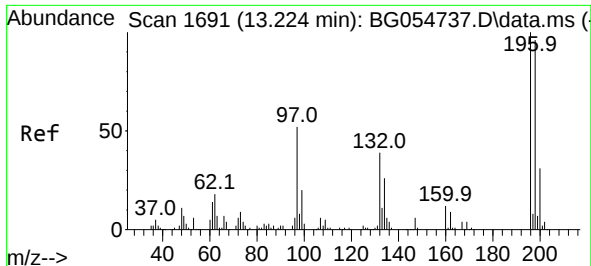


#42
2,4,6-Tribromophenol
Concen: 128.508 ng
RT: 16.272 min Scan# 2210
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13



Tgt Ion:330 Resp: 225571
Ion Ratio Lower Upper
330 100
332 97.0 79.8 119.6
141 33.1 26.8 40.2





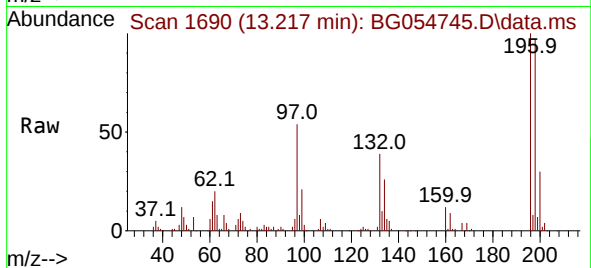
#43
2,4,6-Trichlorophenol
Concen: 45.392 ng
RT: 13.217 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Instrument :

BNA_G

ClientSampleId :

PB147159BS

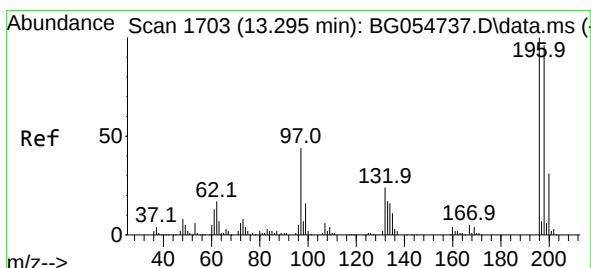
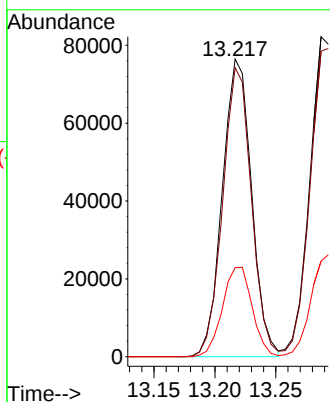
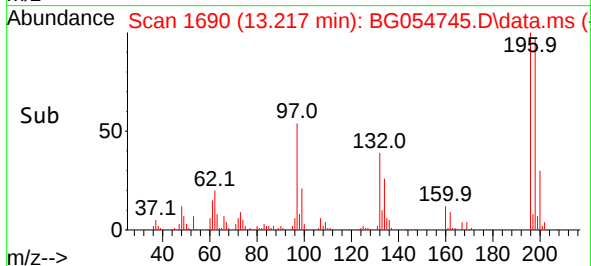


Tgt Ion:196 Resp: 12758
Ion Ratio Lower Upper
196 100
198 97.1 77.1 115.7
200 30.0 24.2 36.4

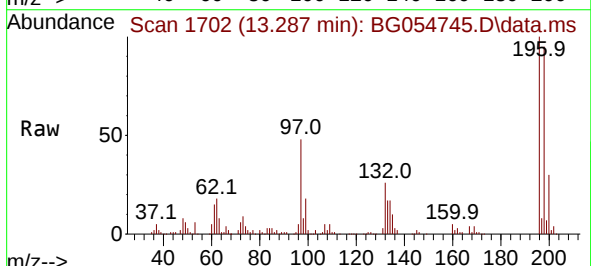
Manual Integrations

APPROVED

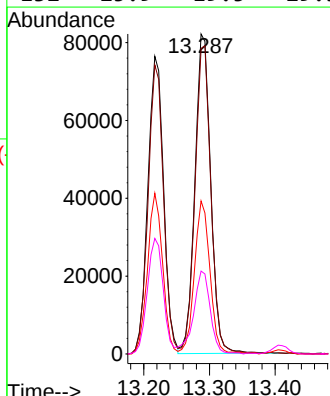
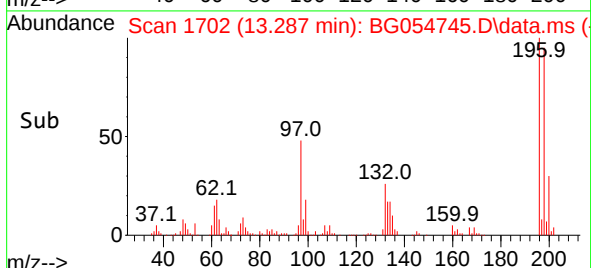
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

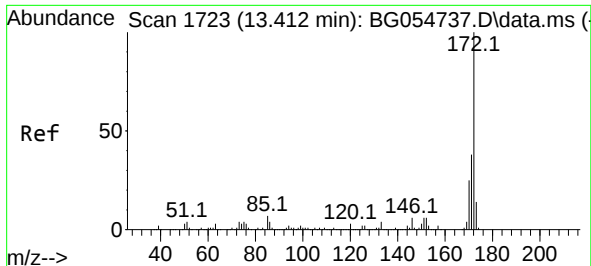


#44
2,4,5-Trichlorophenol
Concen: 43.719 ng
RT: 13.287 min Scan# 1702
Delta R.T. -0.007 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13



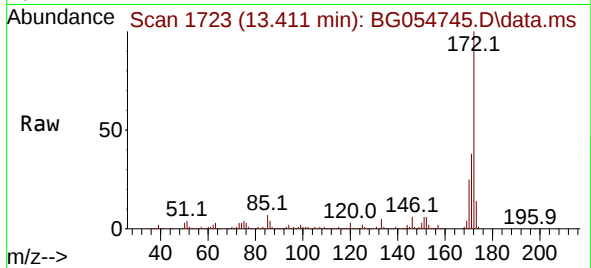
Tgt Ion:196 Resp: 137996
Ion Ratio Lower Upper
196 100
198 95.5 76.7 115.1
97 47.8 36.6 55.0
132 25.9 19.5 29.3





#45
2-Fluorobiphenyl
Concen: 79.351 ng
RT: 13.411 min Scan# 1723
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

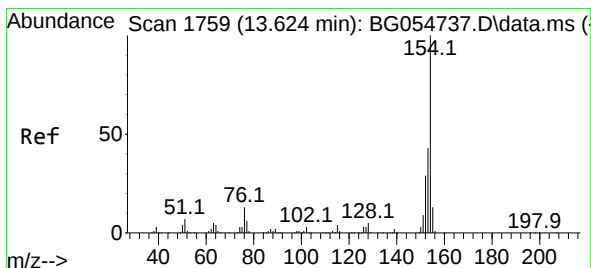
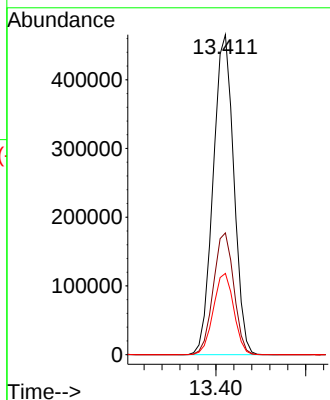
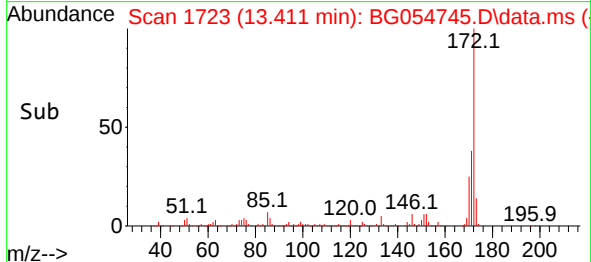
Instrument :
BNA_G
ClientSampleId :
PB147159BS



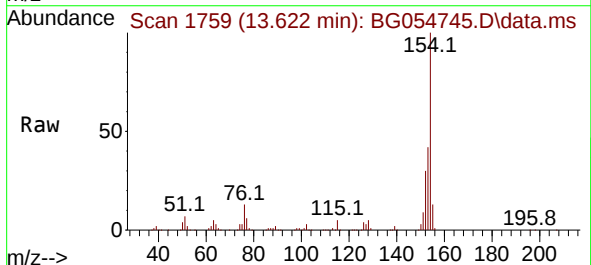
Tgt Ion:172 Resp: 741622
Ion Ratio Lower Upper
172 100
171 38.1 31.2 46.8
170 25.4 20.6 30.8

Manual Integrations
APPROVED

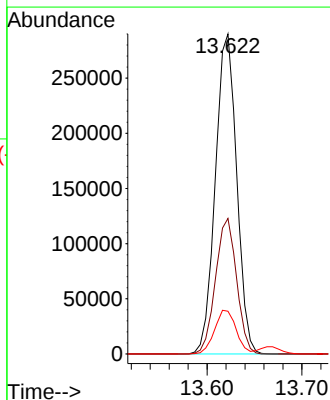
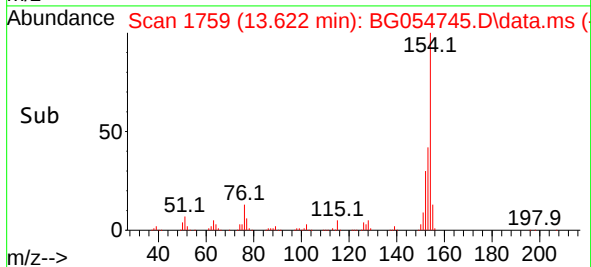
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

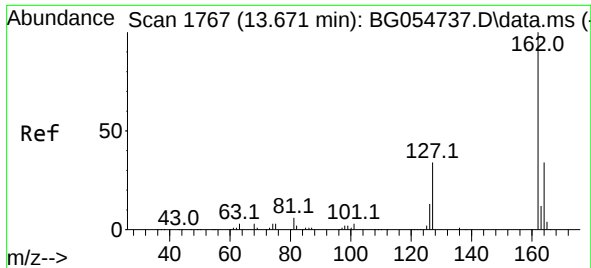


#46
1,1'-Biphenyl
Concen: 43.467 ng
RT: 13.622 min Scan# 1759
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13



Tgt Ion:154 Resp: 453432
Ion Ratio Lower Upper
154 100
153 42.3 22.2 62.2
76 13.3 0.0 34.0





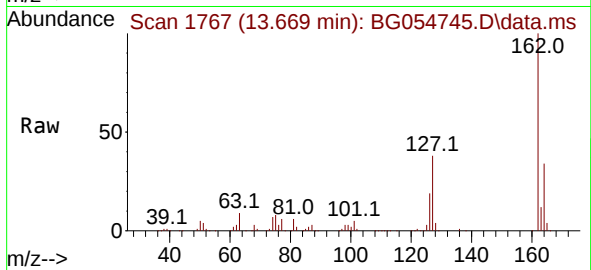
#47
2-Chloronaphthalene
Concen: 42.610 ng
RT: 13.669 min Scan# 1767
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Instrument :

BNA_G

ClientSampleId :

PB147159BS

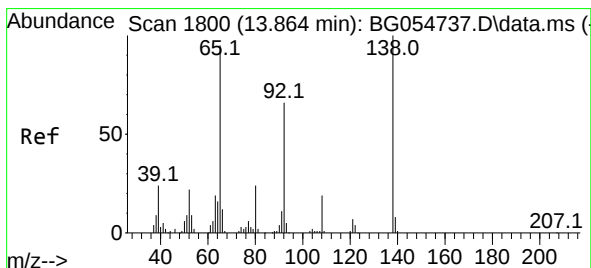
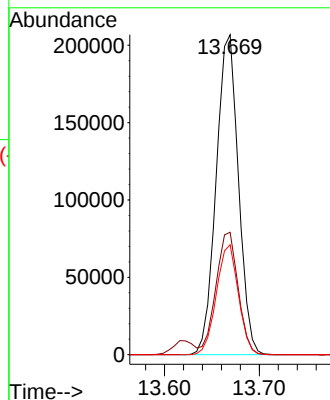
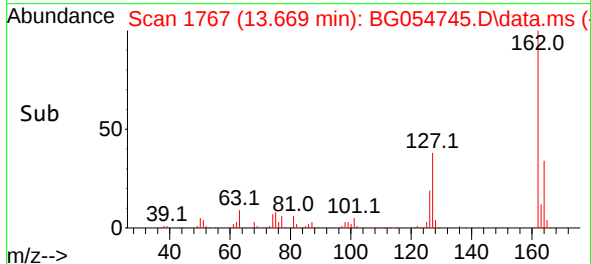


Tgt Ion:162 Resp: 337570
Ion Ratio Lower Upper
162 100
127 38.2 31.5 47.3
164 34.4 27.8 41.6

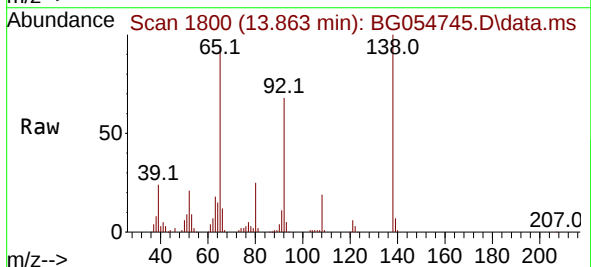
Manual Integrations

APPROVED

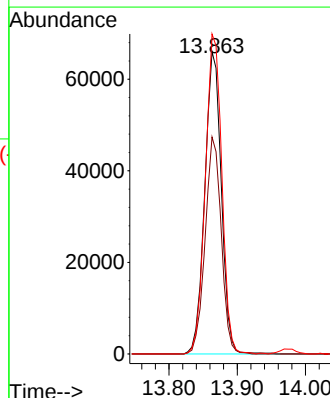
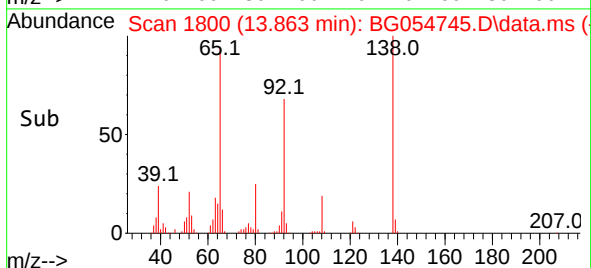
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

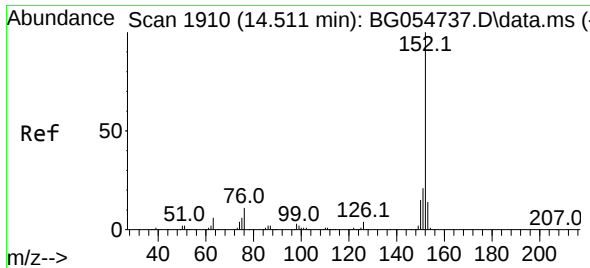


#48
2-Nitroaniline
Concen: 44.737 ng
RT: 13.863 min Scan# 1800
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13



Tgt Ion: 65 Resp: 111075
Ion Ratio Lower Upper
65 100
92 71.8 54.7 82.1
138 105.9 84.1 126.1





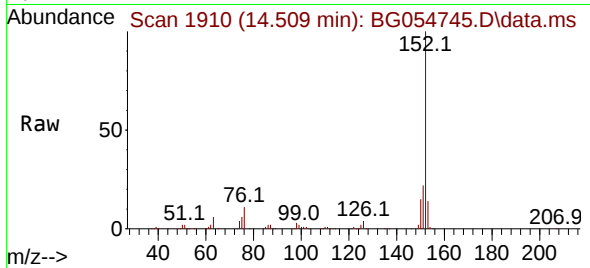
#49
Acenaphthylene
Concen: 42.760 ng
RT: 14.509 min Scan# 1910
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Instrument :

BNA_G

ClientSampleId :

PB147159BS

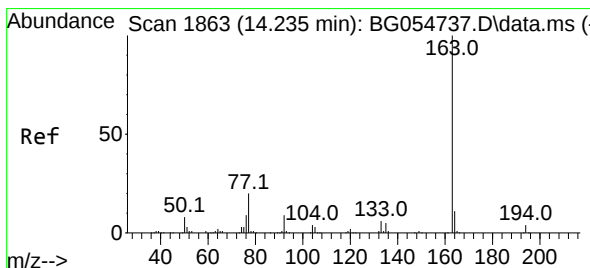
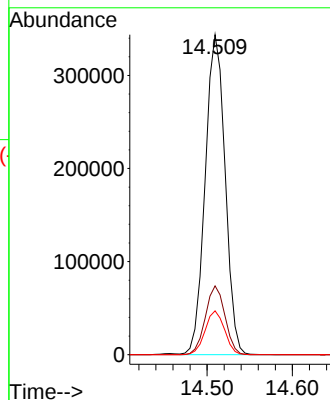
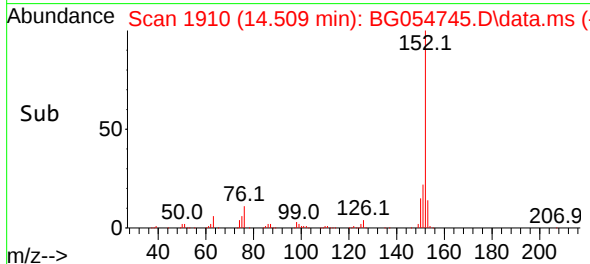


Tgt Ion:152 Resp: 55901
Ion Ratio Lower Upper
152 100
151 21.5 17.3 25.9
153 13.7 10.8 16.2

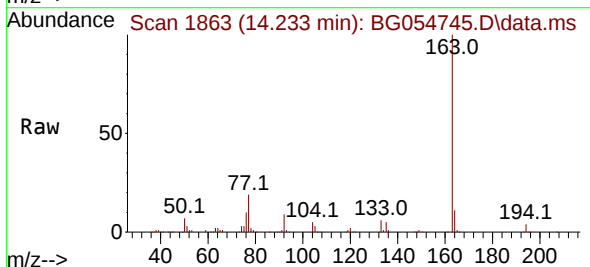
Manual Integrations

APPROVED

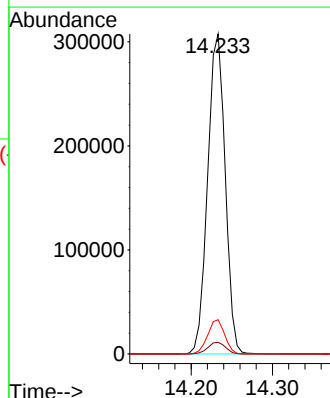
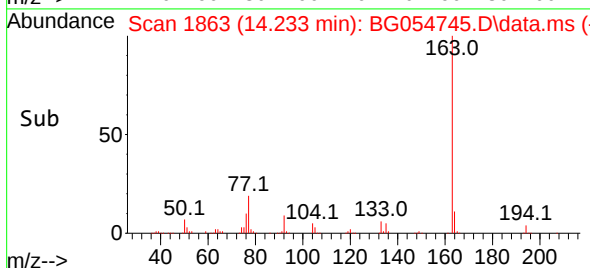
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

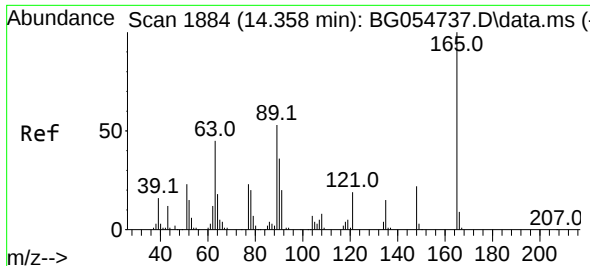


#50
Dimethylphthalate
Concen: 42.495 ng
RT: 14.233 min Scan# 1863
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13



Tgt Ion:163 Resp: 459888
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.7 8.0 12.0





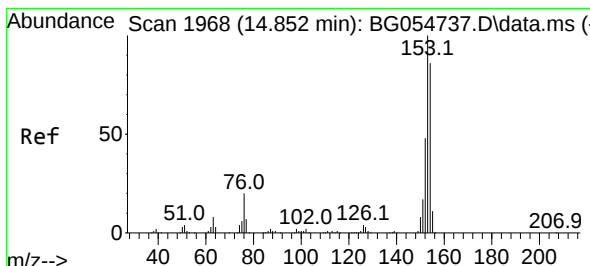
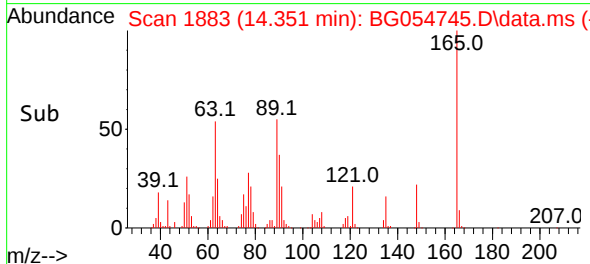
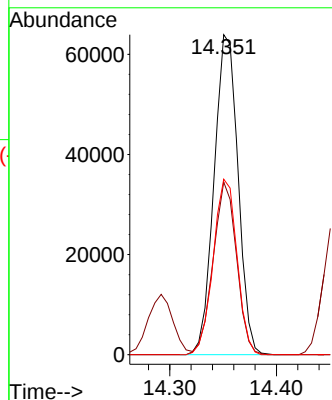
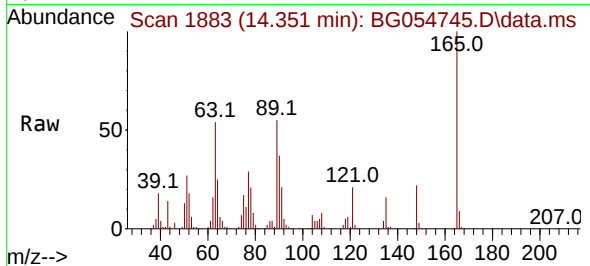
#51
2,6-Dinitrotoluene
Concen: 45.004 ng
RT: 14.351 min Scan# 1883
Delta R.T. -0.007 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Instrument :
BNA_G
ClientSampleId :
PB147159BS

Tgt Ion:165 Resp: 99620
Ion Ratio Lower Upper
165 100
63 53.9 46.0 69.0
89 54.9 50.3 75.5

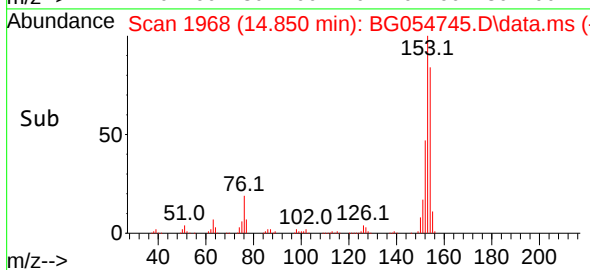
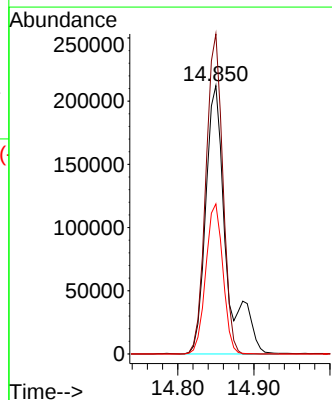
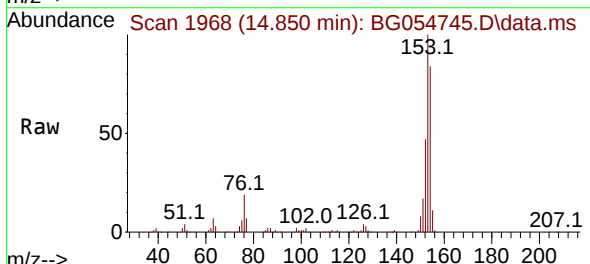
Manual Integrations
APPROVED

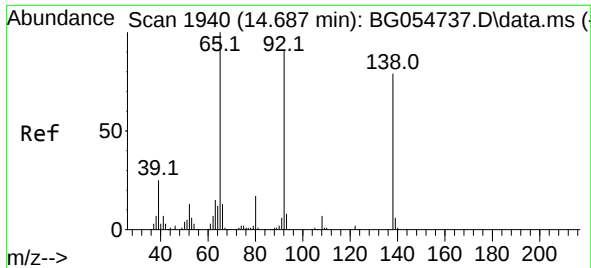
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#52
Acenaphthene
Concen: 47.202 ng m
RT: 14.850 min Scan# 1968
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Tgt Ion:154 Resp: 396390
Ion Ratio Lower Upper
154 100
153 119.2 92.8 139.2
152 55.9 45.4 68.2





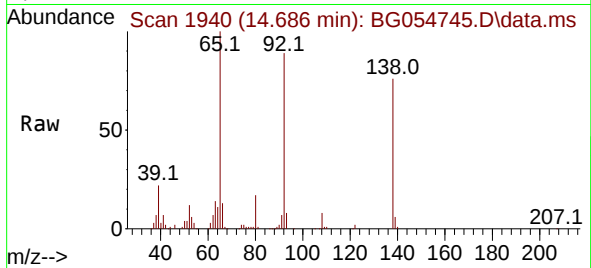
#53
3-Nitroaniline
Concen: 33.646 ng
RT: 14.686 min Scan# 1940
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Instrument :

BNA_G

ClientSampleId :

PB147159BS

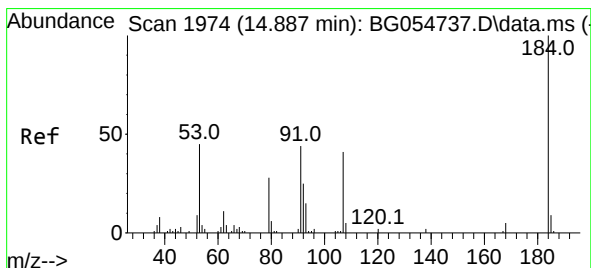
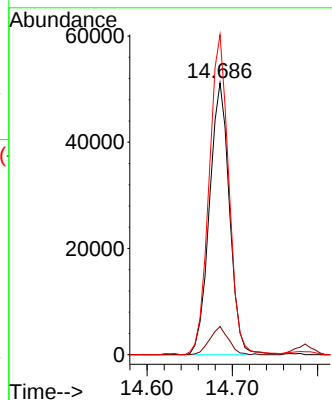
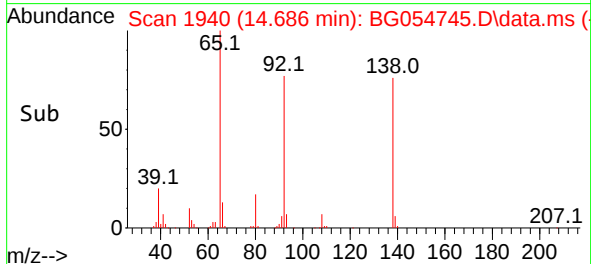


Tgt Ion:138 Resp: 8337
Ion Ratio Lower Upper
138 100
108 10.4 7.6 11.4
92 117.8 96.0 144.0

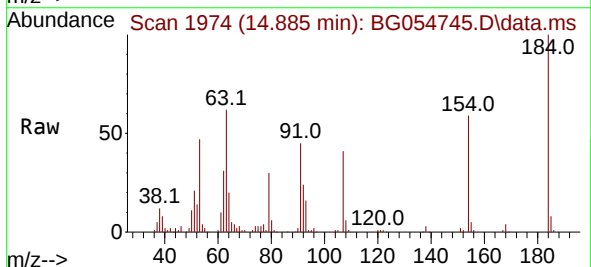
Manual Integrations

APPROVED

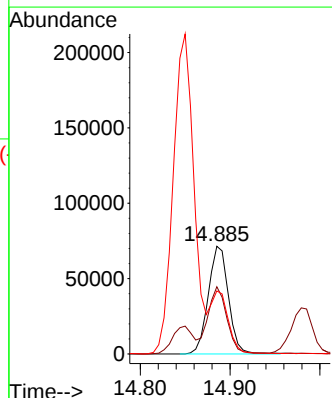
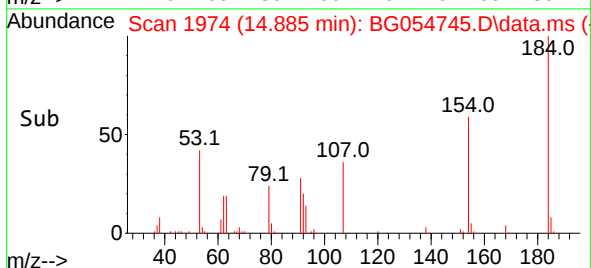
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

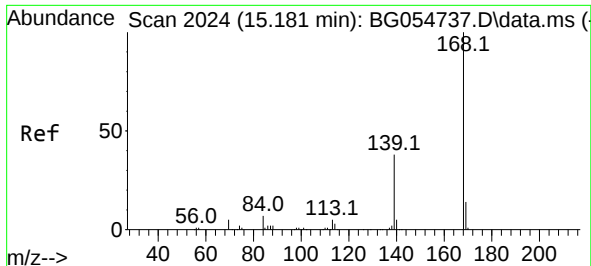


#54
2,4-Dinitrophenol
Concen: 88.485 ng
RT: 14.885 min Scan# 1974
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13



Tgt Ion:184 Resp: 111508
Ion Ratio Lower Upper
184 100
63 62.4 41.8 62.8
154 58.5 45.2 67.8





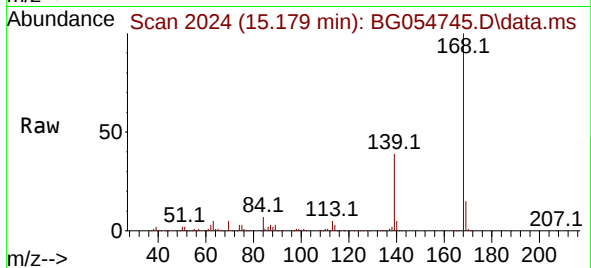
#55
Dibenzofuran
Concen: 42.669 ng
RT: 15.179 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Instrument :

BNA_G

ClientSampleId :

PB147159BS

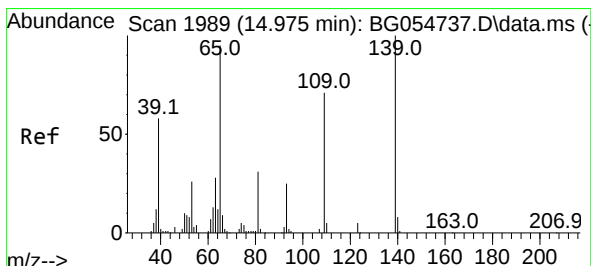
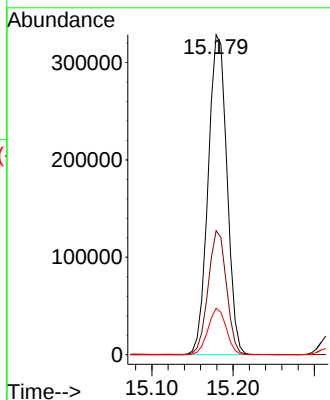
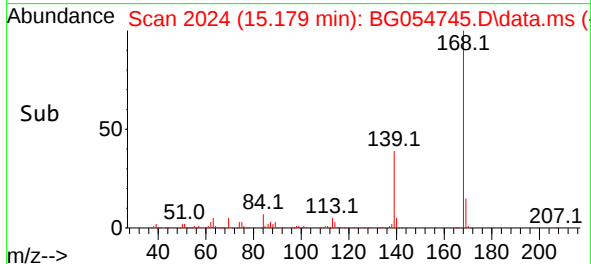


Tgt Ion:168 Resp: 52652
Ion Ratio Lower Upper
168 100
139 38.7 30.2 45.2
169 14.5 11.3 16.9

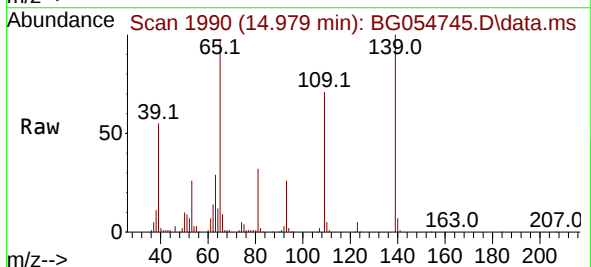
Manual Integrations

APPROVED

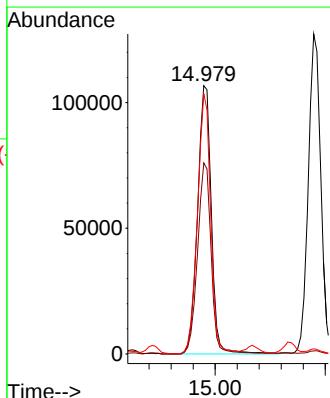
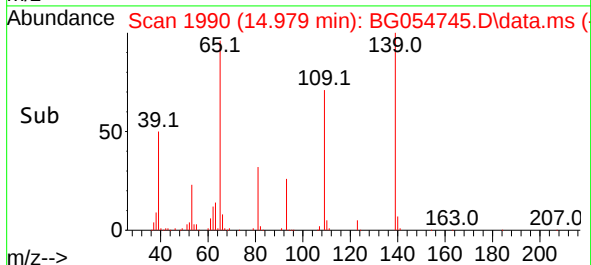
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

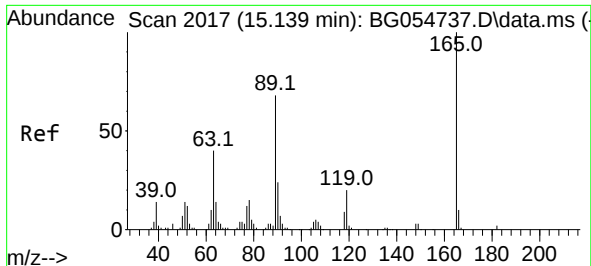


#56
4-Nitrophenol
Concen: 96.793 ng
RT: 14.979 min Scan# 1990
Delta R.T. 0.004 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13



Tgt Ion:139 Resp: 185611
Ion Ratio Lower Upper
139 100
109 71.2 50.5 90.5
65 96.9 79.9 119.9





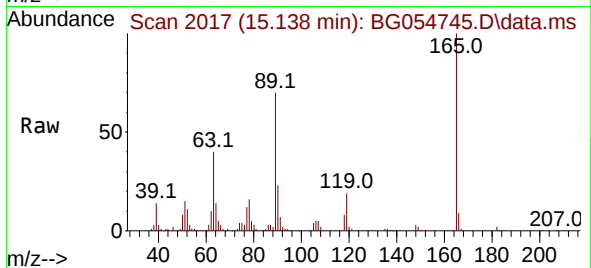
#57
2,4-Dinitrotoluene
Concen: 46.382 ng
RT: 15.138 min Scan# 2017
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Instrument :

BNA_G

ClientSampleId :

PB147159BS

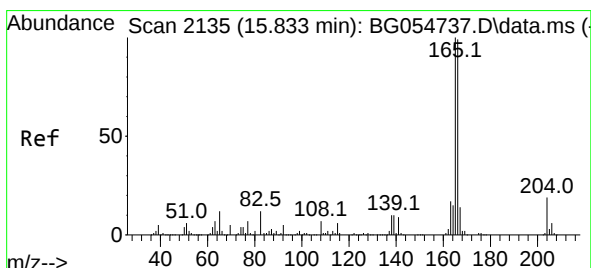
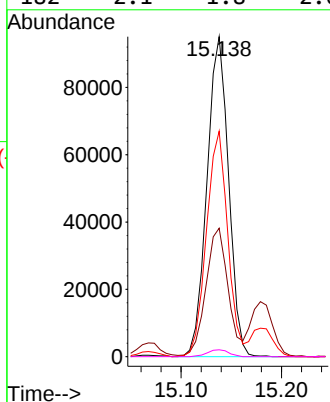
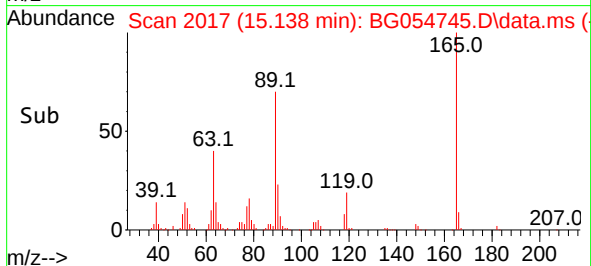


Tgt Ion:165 Resp: 142010
Ion Ratio Lower Upper
165 100
63 40.2 36.8 55.2
89 70.4 64.3 96.5
182 2.1 1.8 2.6

Manual Integrations

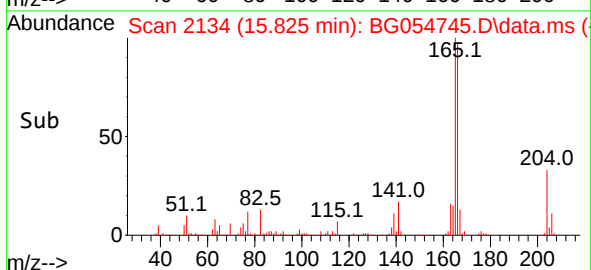
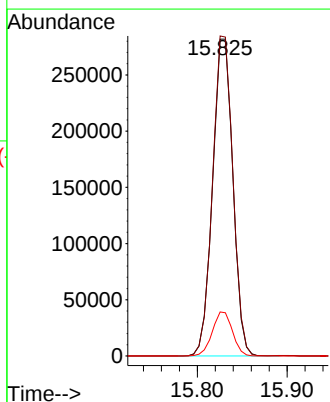
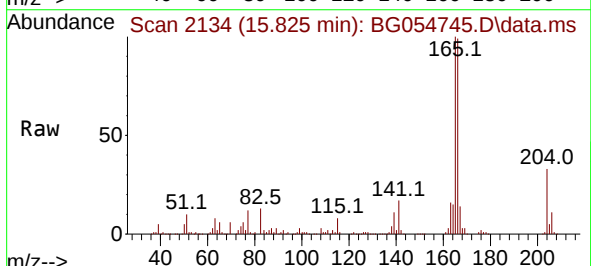
APPROVED

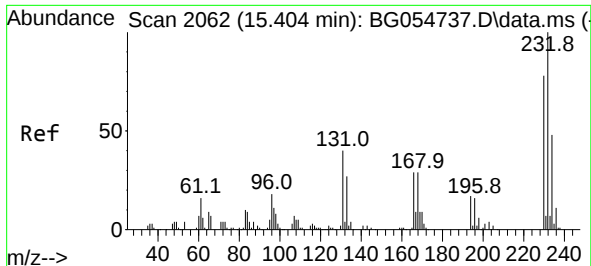
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#58
Fluorene
Concen: 42.471 ng
RT: 15.825 min Scan# 2134
Delta R.T. -0.007 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

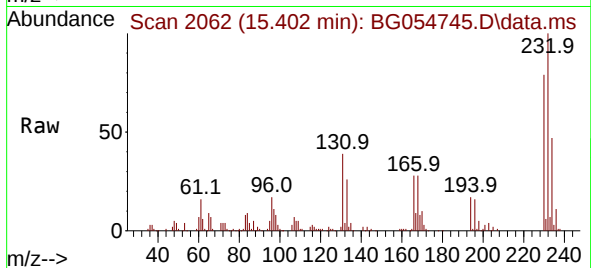
Tgt Ion:166 Resp: 441501
Ion Ratio Lower Upper
166 100
165 101.0 80.8 121.2
167 13.9 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.659 ng
RT: 15.402 min Scan# 2062
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

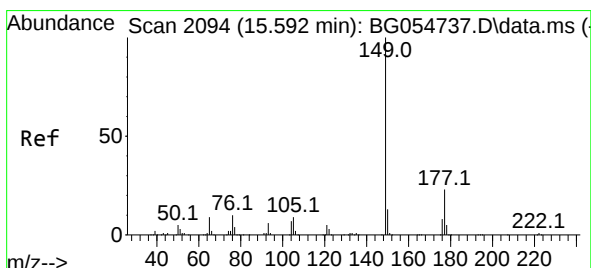
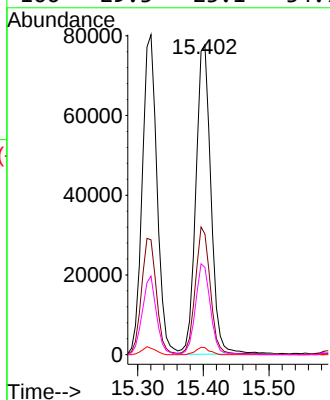
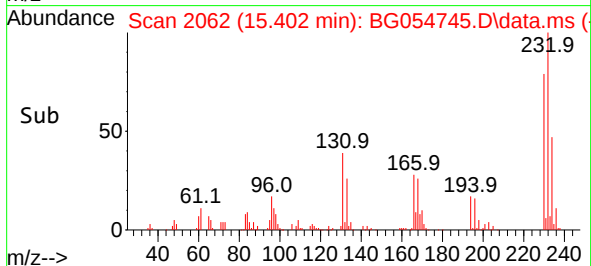
Instrument :
BNA_G
ClientSampleId :
PB147159BS



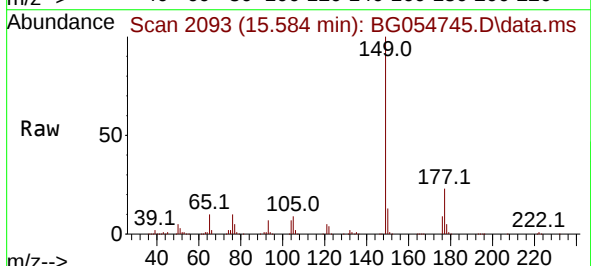
Tgt Ion:232 Resp: 124220
Ion Ratio Lower Upper
232 100
131 40.3 31.3 46.9
130 2.2 1.8 2.6
166 29.3 23.1 34.7

Manual Integrations
APPROVED

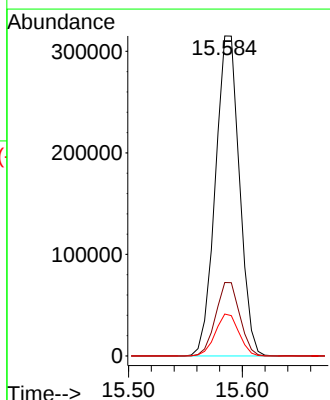
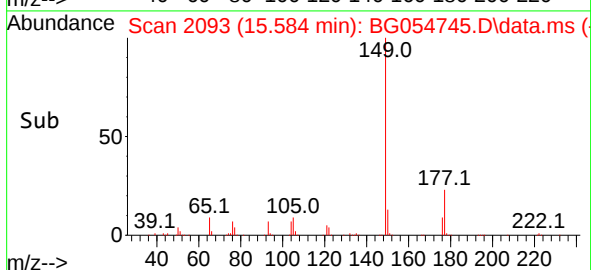
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

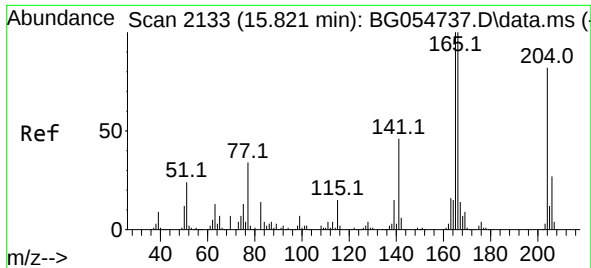


#60
Diethylphthalate
Concen: 42.921 ng
RT: 15.584 min Scan# 2093
Delta R.T. -0.007 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13



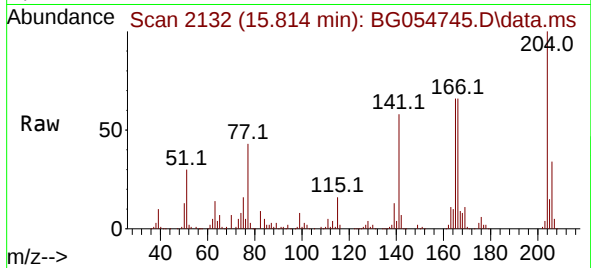
Tgt Ion:149 Resp: 463833
Ion Ratio Lower Upper
149 100
177 23.0 17.8 26.6
150 13.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.593 ng
RT: 15.814 min Scan# 2132
Delta R.T. -0.007 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

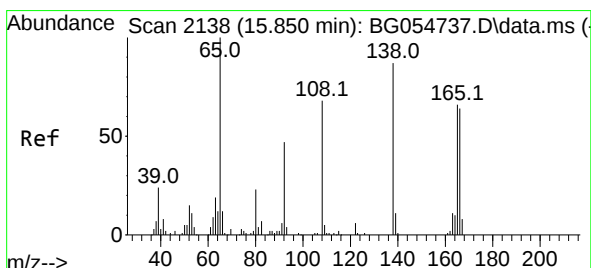
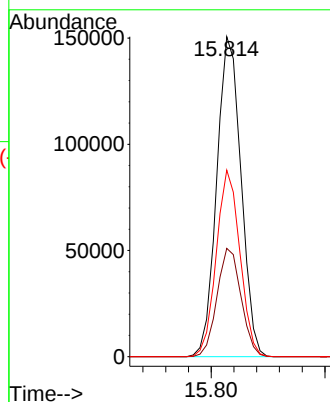
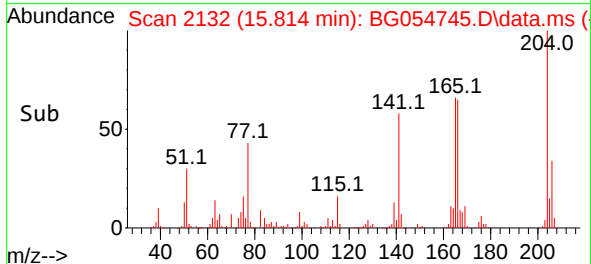
Instrument :
BNA_G
ClientSampleId :
PB147159BS



Tgt Ion:204 Resp: 22355
Ion Ratio Lower Upper
204 100
206 33.9 26.6 39.8
141 58.3 44.9 67.3

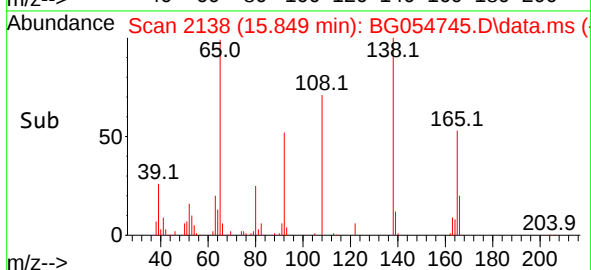
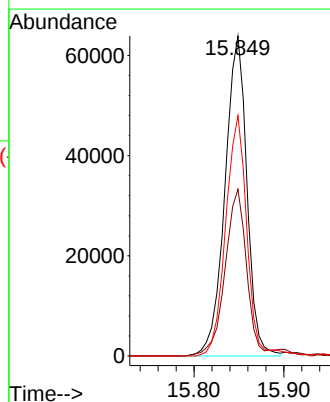
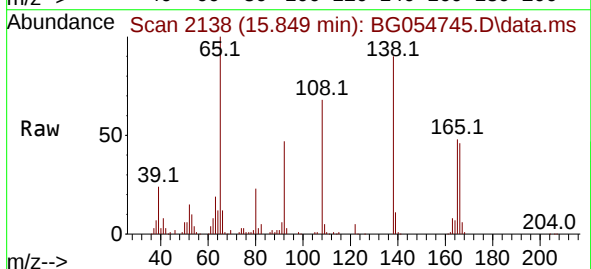
Manual Integrations
APPROVED

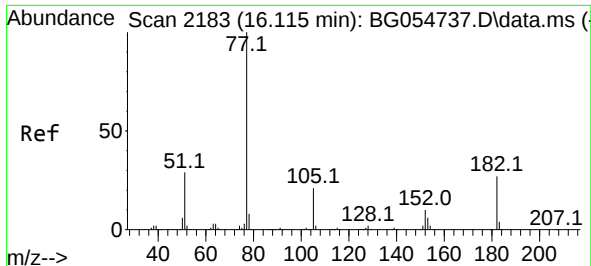
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#62
4-Nitroaniline
Concen: 42.844 ng
RT: 15.849 min Scan# 2138
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Tgt Ion:138 Resp: 108392
Ion Ratio Lower Upper
138 100
92 52.1 34.7 74.7
108 75.1 56.2 96.2





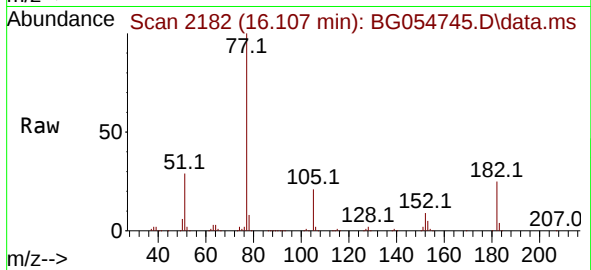
#63
Azobenzene
Concen: 42.164 ng
RT: 16.107 min Scan# 2183
Delta R.T. -0.007 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Instrument :

BNA_G

ClientSampleId :

PB147159BS

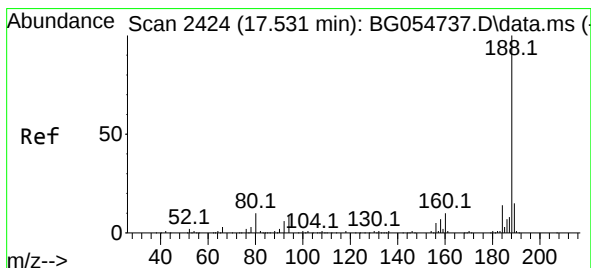
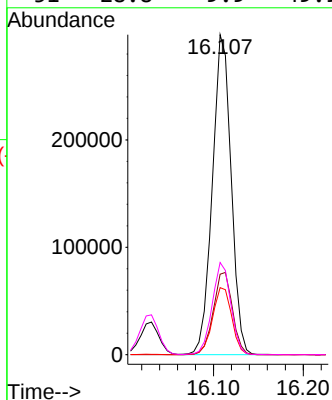
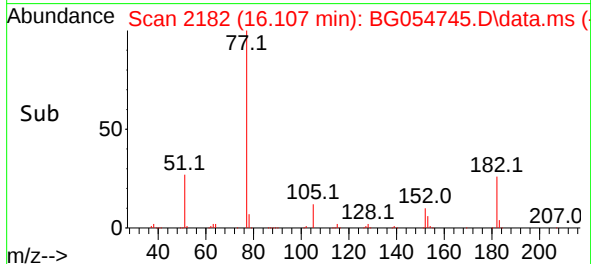


Tgt Ion: 77 Resp: 433029
Ion Ratio Lower Upper
77 100
182 25.2 5.1 45.1
105 20.9 0.7 40.7
51 28.8 9.9 49.9

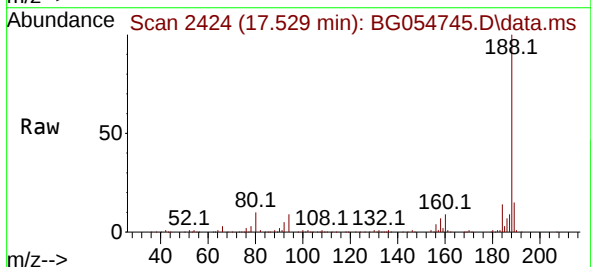
Manual Integrations

APPROVED

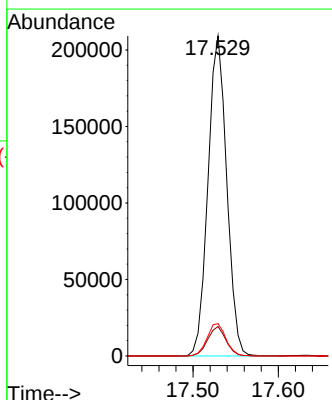
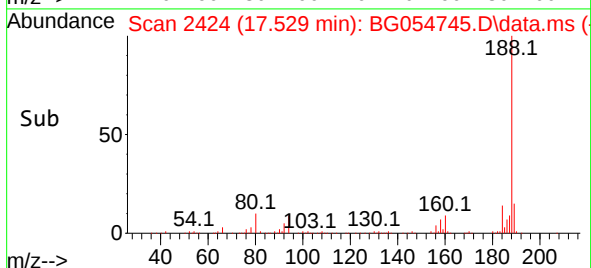
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

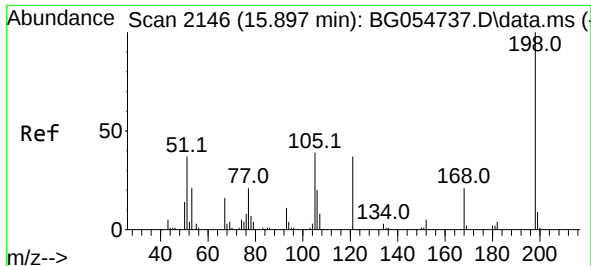


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.529 min Scan# 2424
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13



Tgt Ion:188 Resp: 318652
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.4
80 10.1 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 45.713 ng
RT: 15.896 min Scan# 2146
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Instrument :

BNA_G

ClientSampleId :

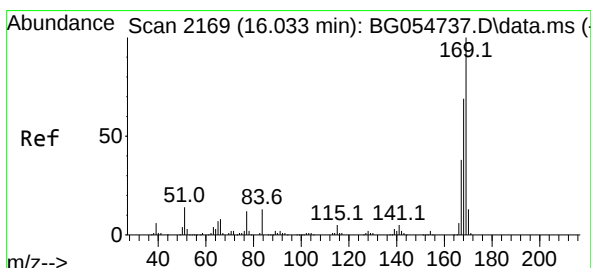
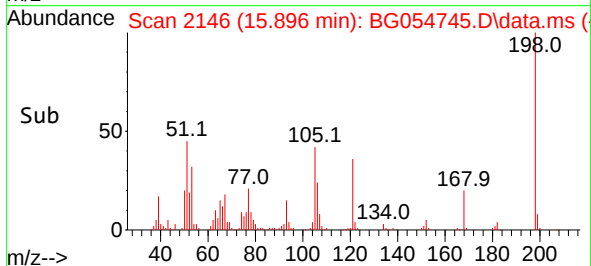
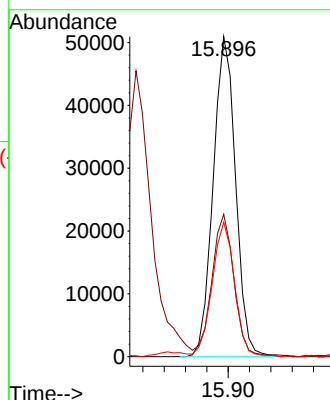
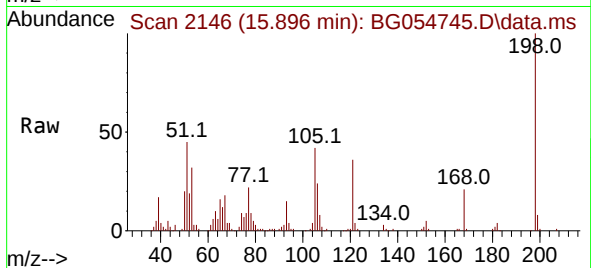
PB147159BS

Tgt Ion:198 Resp: 7414
Ion Ratio Lower Upper
198 100
51 44.5 19.9 59.9
105 42.0 20.3 60.3

Manual Integrations

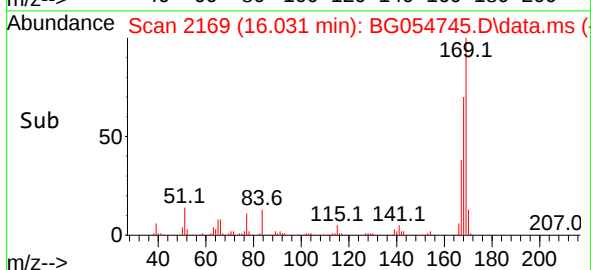
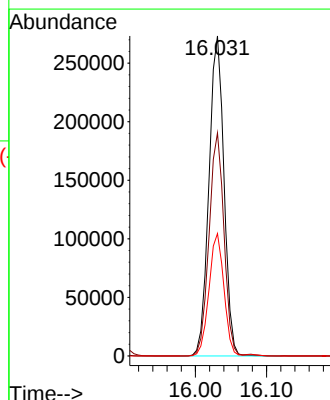
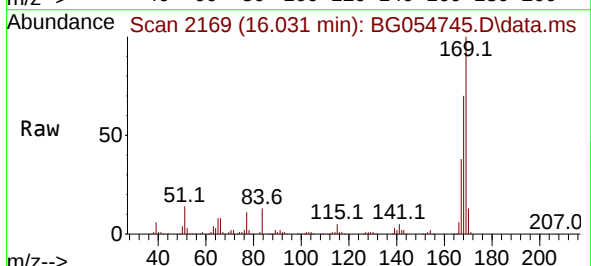
APPROVED

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



#66
n-Nitrosodiphenylamine
Concen: 43.699 ng
RT: 16.031 min Scan# 2169
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

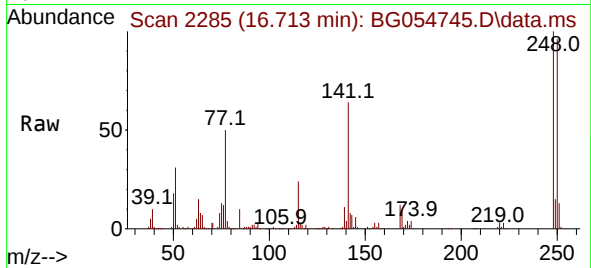
Tgt Ion:169 Resp: 401568
Ion Ratio Lower Upper
169 100
168 69.7 55.6 83.4
167 38.2 30.9 46.3





#67
4-Bromophenyl-phenylether
Concen: 44.140 ng
RT: 16.713 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

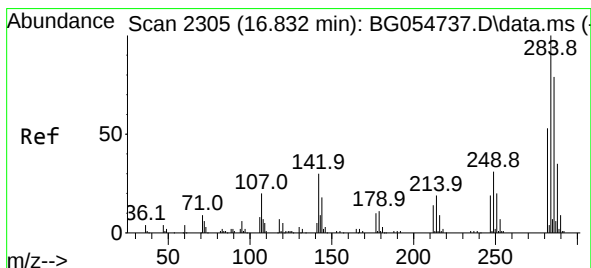
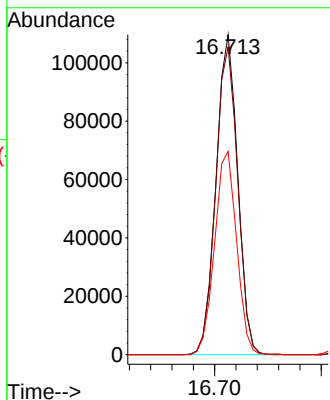
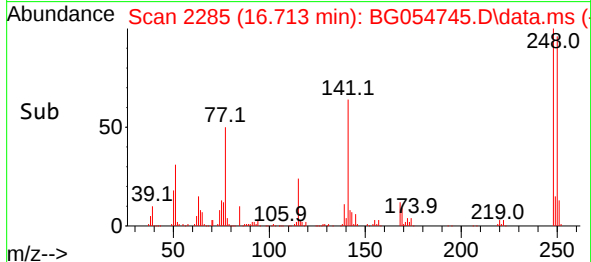
Instrument :
BNA_G
ClientSampleId :
PB147159BS



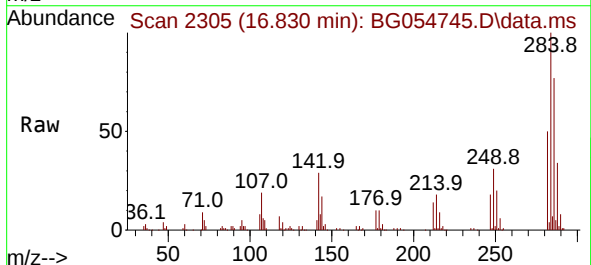
Tgt Ion:248 Resp: 154424
Ion Ratio Lower Upper
248 100
250 96.1 78.8 118.2
141 63.5 51.9 77.9

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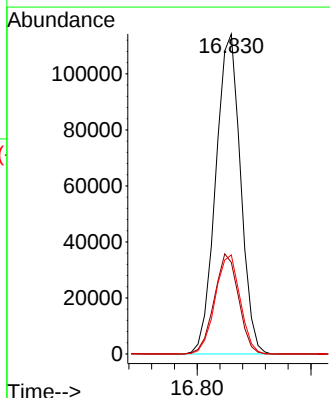
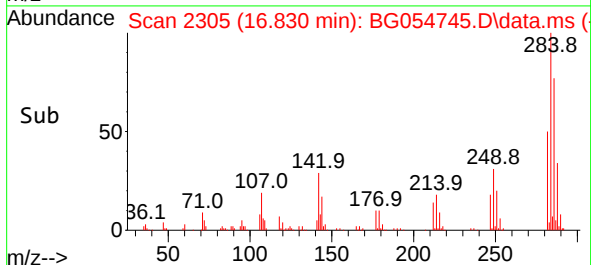
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

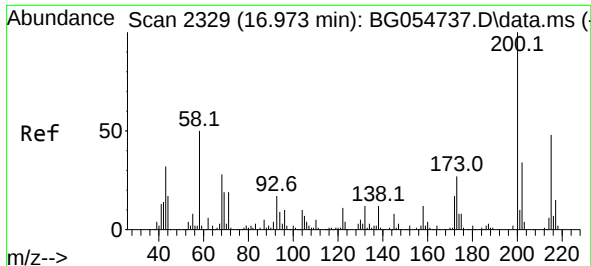


#68
Hexachlorobenzene
Concen: 43.970 ng
RT: 16.830 min Scan# 2305
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13



Tgt Ion:284 Resp: 172932
Ion Ratio Lower Upper
284 100
142 28.6 25.0 37.6
249 30.9 24.5 36.7





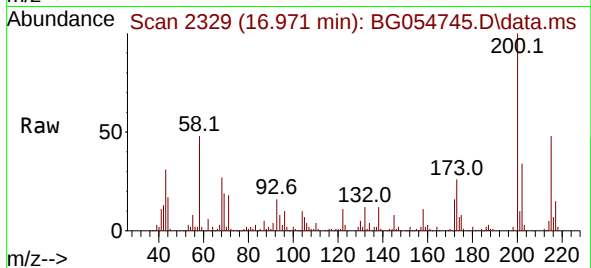
#69
 Atrazine
 Concen: 46.877 ng
 RT: 16.971 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG054745.D
 Acq: 25 Aug 2022 21:13

Instrument :

BNA_G

ClientSampleId :

PB147159BS

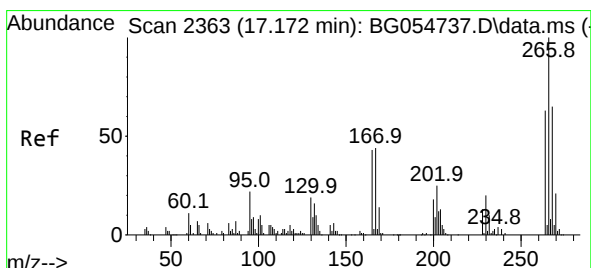
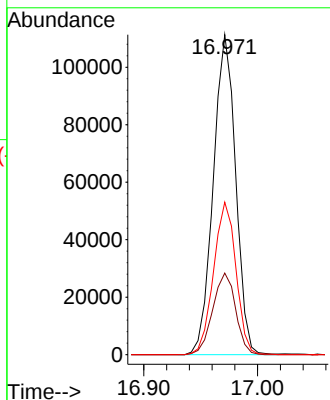
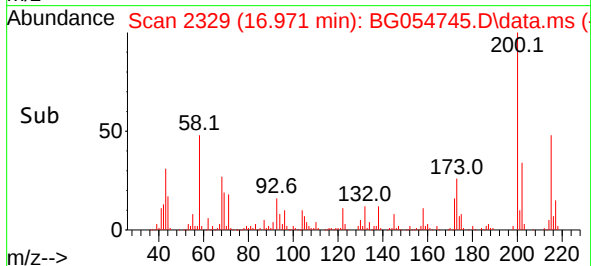


Tgt Ion:200 Resp: 151970
 Ion Ratio Lower Upper
 200 100
 173 25.5 5.6 45.6
 215 47.7 28.2 68.2

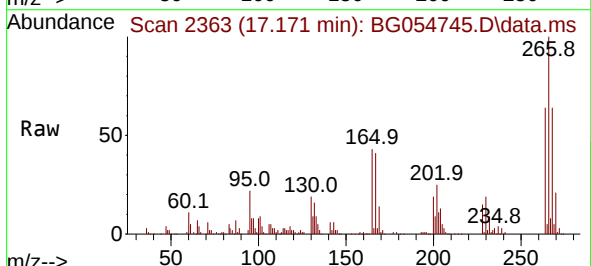
Manual Integrations

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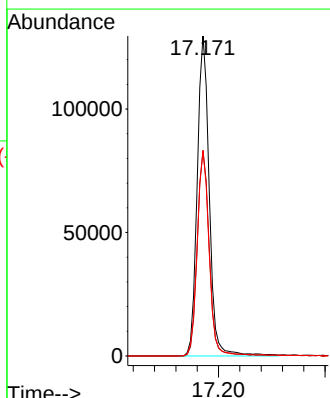
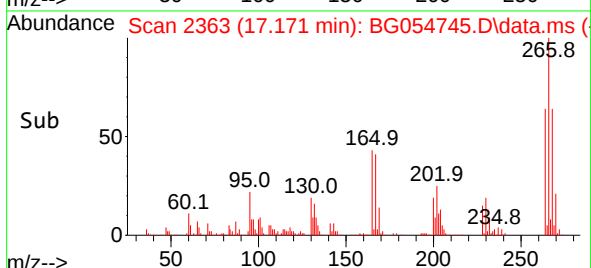
Reviewed By :Christian Giraldo 08/26/2022
 Supervised By :Jagrut Upadhyay 08/26/2022

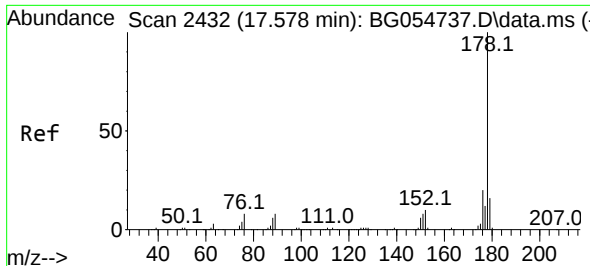


#70
 Pentachlorophenol
 Concen: 95.028 ng
 RT: 17.171 min Scan# 2363
 Delta R.T. -0.002 min
 Lab File: BG054745.D
 Acq: 25 Aug 2022 21:13



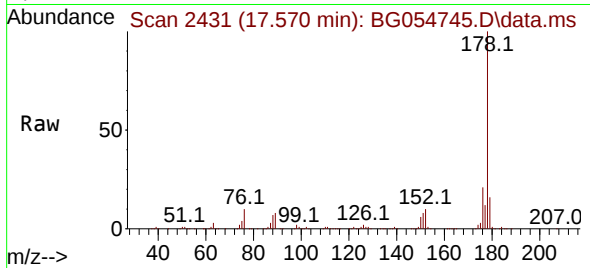
Tgt Ion:266 Resp: 203066
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.2 76.8
 264 64.1 49.4 74.0





#71
Phenanthrene
Concen: 42.115 ng
RT: 17.570 min Scan# 2432
Delta R.T. -0.007 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

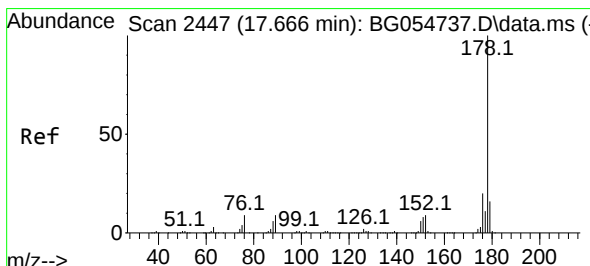
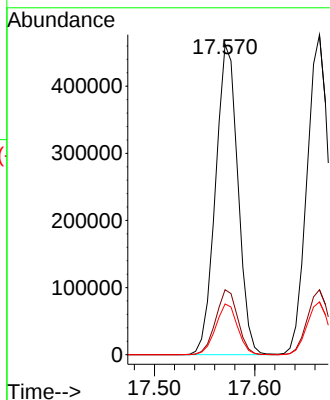
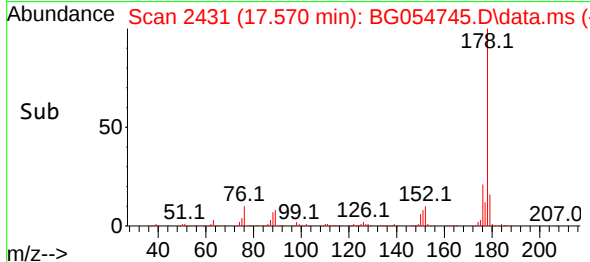
Instrument :
BNA_G
ClientSampleId :
PB147159BS



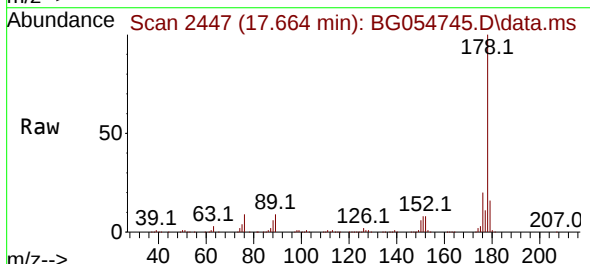
Tgt Ion:178 Resp: 71489
Ion Ratio Lower Upper
178 100
176 21.0 16.6 25.0
179 16.4 12.8 19.2

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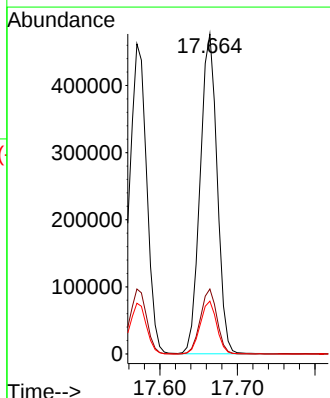
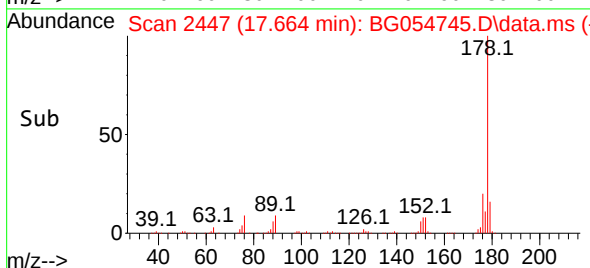
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

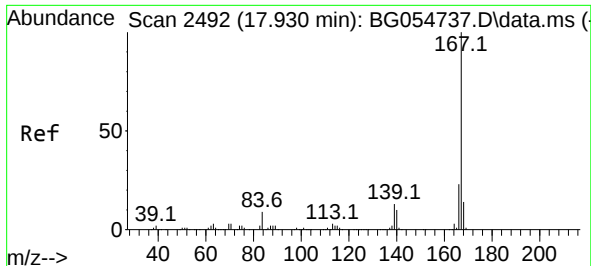


#72
Anthracene
Concen: 43.864 ng
RT: 17.664 min Scan# 2447
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13



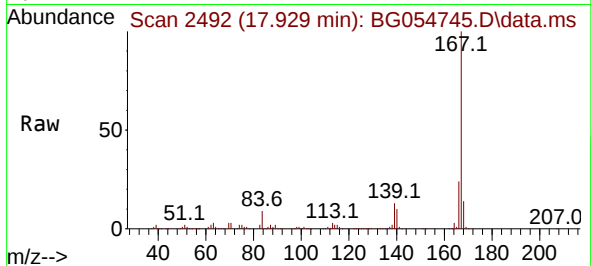
Tgt Ion:178 Resp: 723913
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 16.5 12.9 19.3





#73
 Carbazole
 Concen: 45.310 ng
 RT: 17.929 min Scan# 2492
 Delta R.T. -0.002 min
 Lab File: BG054745.D
 Acq: 25 Aug 2022 21:13

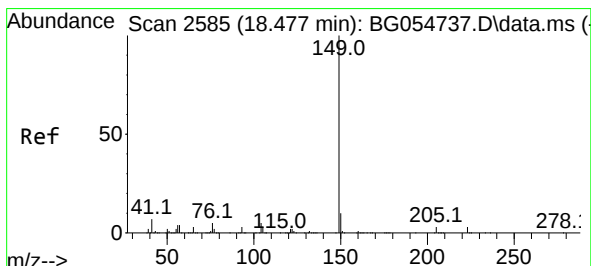
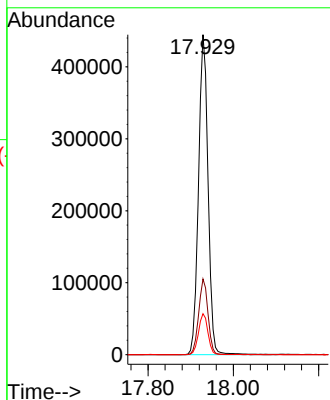
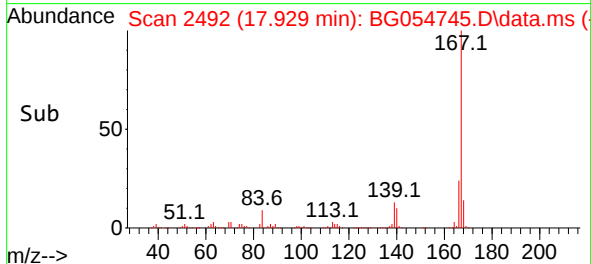
Instrument :
 BNA_G
 ClientSampleId :
 PB147159BS



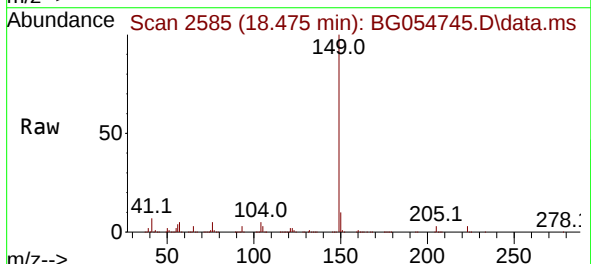
Tgt Ion:167 Resp: 688949
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.8 28.2
 139 12.8 10.2 15.4

Manual Integrations
 APPROVED

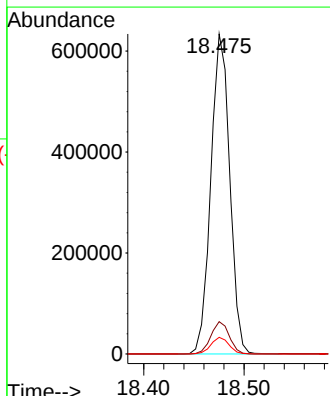
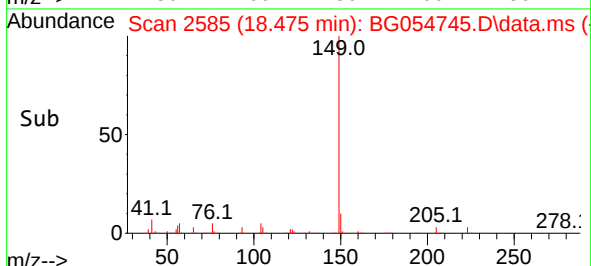
Reviewed By :Christian Giraldo 08/26/2022
 Supervised By :Jagrut Upadhyay 08/26/2022

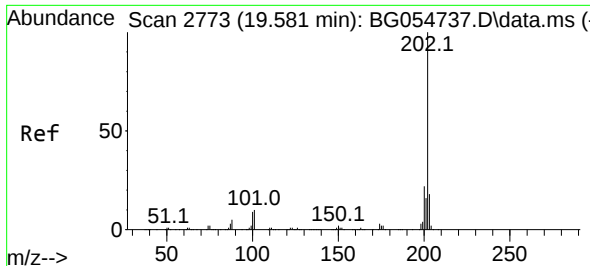


#74
 Di-n-butylphthalate
 Concen: 43.038 ng
 RT: 18.475 min Scan# 2585
 Delta R.T. -0.002 min
 Lab File: BG054745.D
 Acq: 25 Aug 2022 21:13



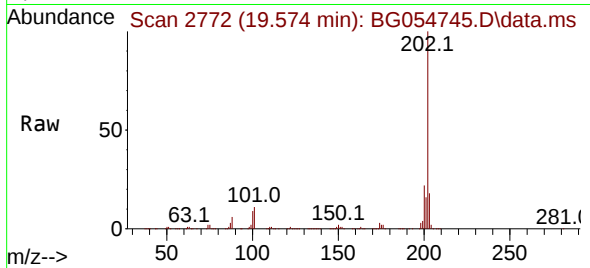
Tgt Ion:149 Resp: 828086
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.0 12.0
 104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 43.091 ng
RT: 19.574 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

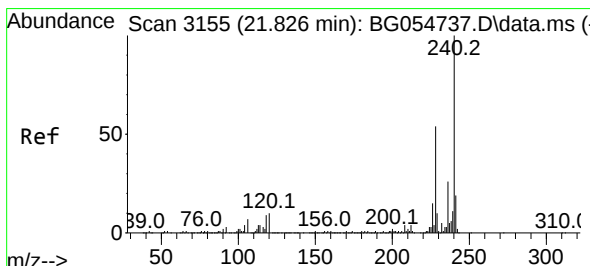
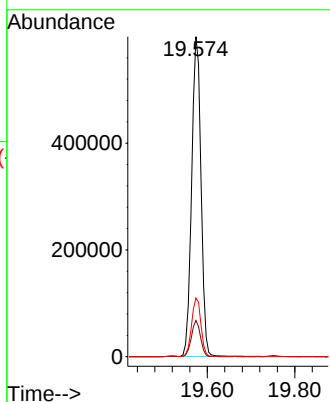
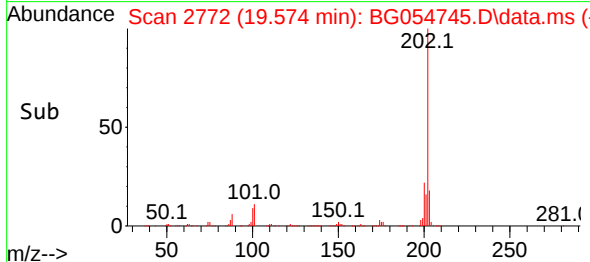
Instrument :
BNA_G
ClientSampleId :
PB147159BS



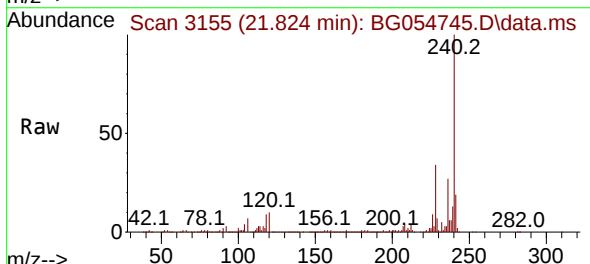
Tgt Ion:202 Resp: 889830
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 18.4 0.0 38.6

Manual Integrations
APPROVED

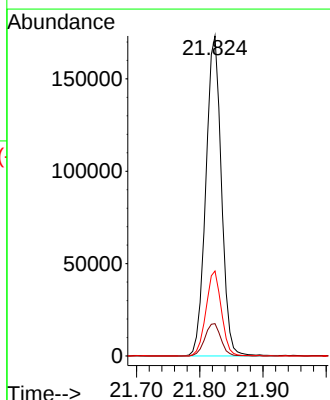
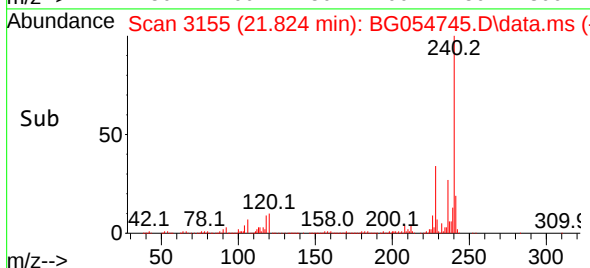
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

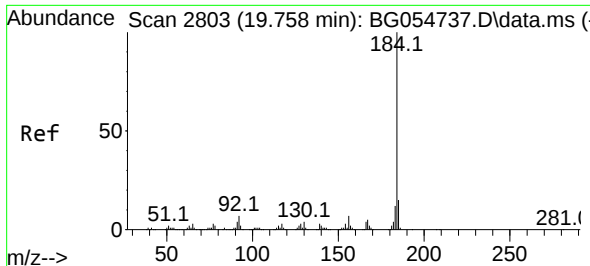


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.824 min Scan# 3155
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13



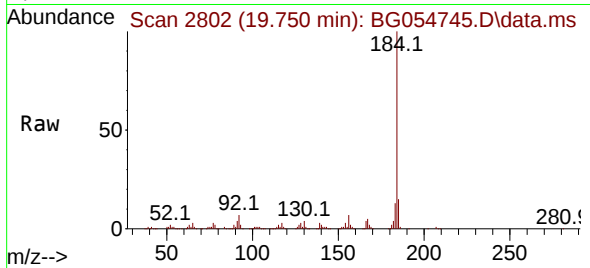
Tgt Ion:240 Resp: 295087
Ion Ratio Lower Upper
240 100
120 10.1 8.2 12.4
236 26.6 21.2 31.8





#77
Benzidine
Concen: 62.646 ng
RT: 19.750 min Scan# 2802
Delta R.T. -0.007 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

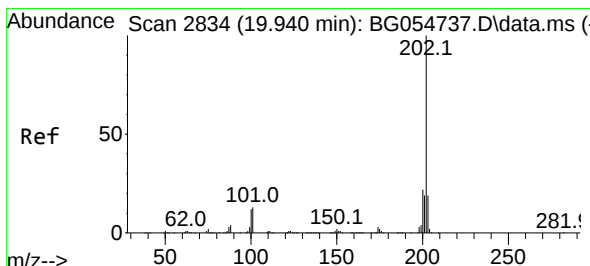
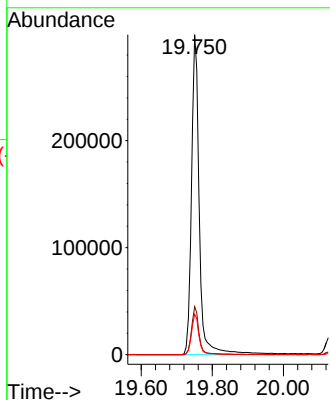
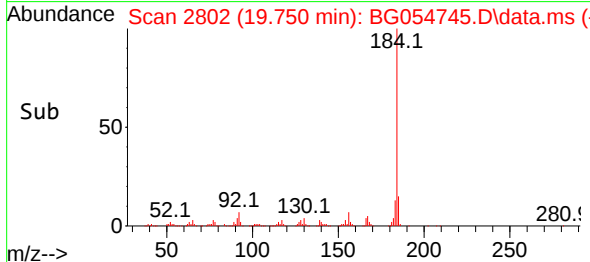
Instrument :
BNA_G
ClientSampleId :
PB147159BS



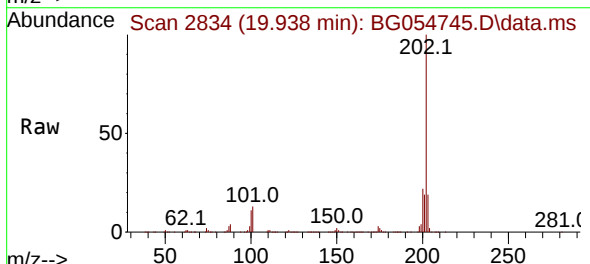
Tgt Ion:184 Resp: 457875
Ion Ratio Lower Upper
184 100
185 15.0 11.4 17.0
183 12.7 9.8 14.8

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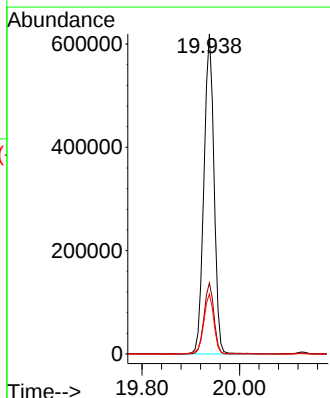
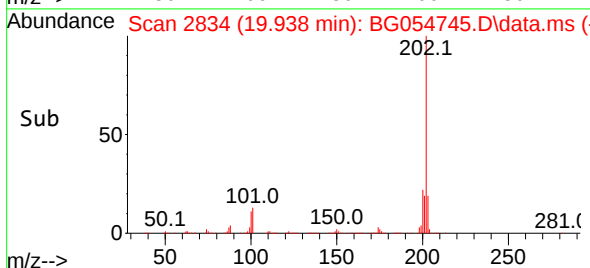
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

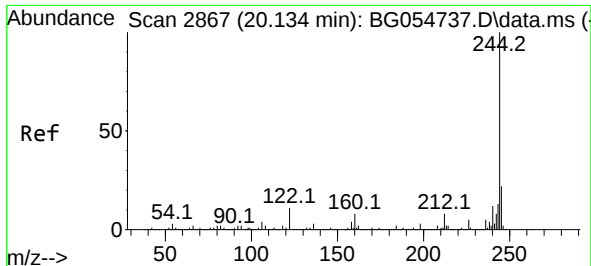


#78
Pyrene
Concen: 43.174 ng
RT: 19.938 min Scan# 2834
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13



Tgt Ion:202 Resp: 888363
Ion Ratio Lower Upper
202 100
200 22.2 17.8 26.6
203 18.7 14.6 21.8





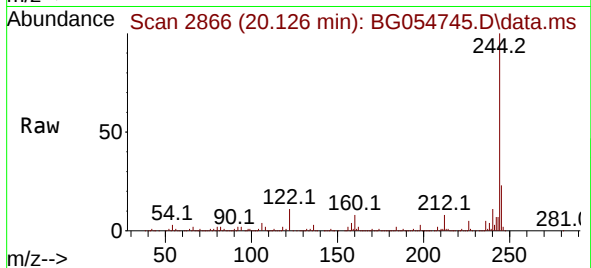
#79
 Terphenyl-d14
 Concen: 84.318 ng
 RT: 20.126 min Scan# 2866
 Delta R.T. -0.007 min
 Lab File: BG054745.D
 Acq: 25 Aug 2022 21:13

Instrument :

BNA_G

ClientSampleId :

PB147159BS

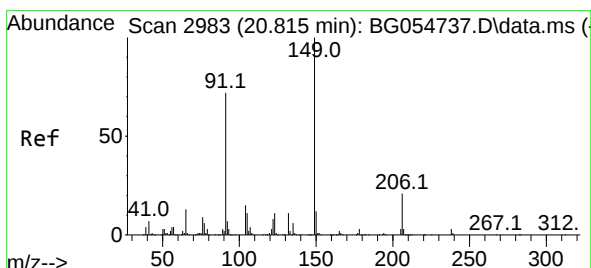
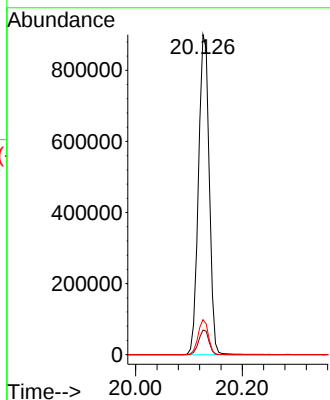
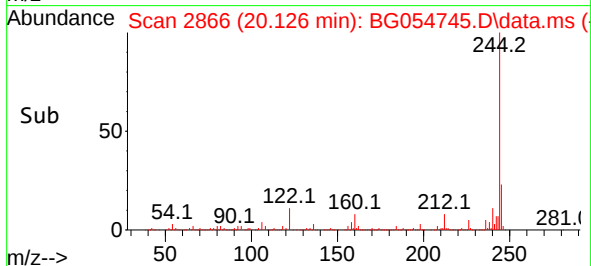


Tgt Ion:244 Resp: 125574
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 10.9 9.0 13.6

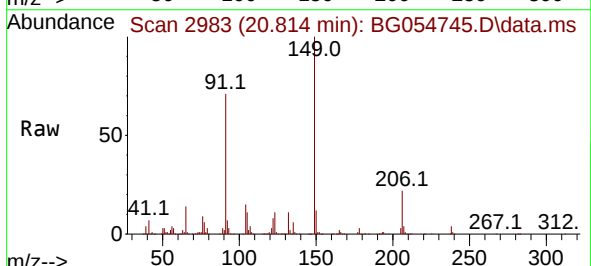
Manual Integrations

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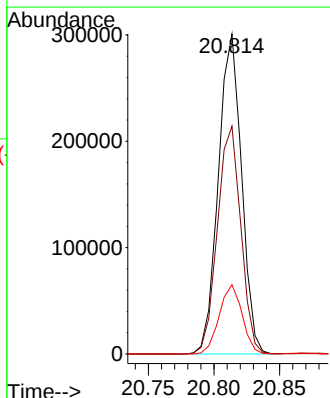
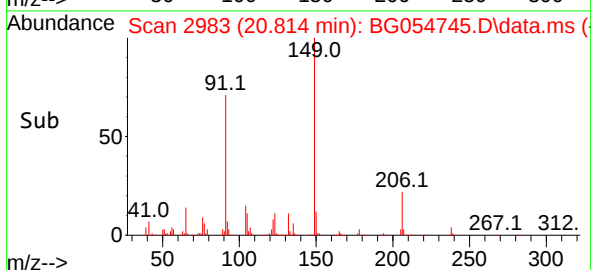
Reviewed By :Christian Giraldo 08/26/2022
 Supervised By :Jagrut Upadhyay 08/26/2022

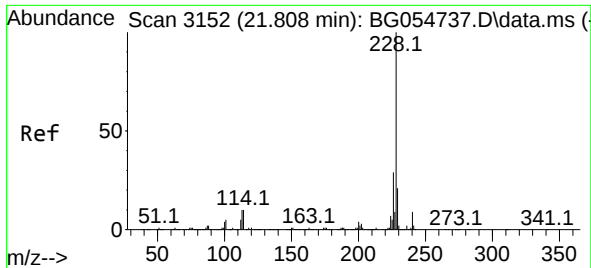


#80
 Butylbenzylphthalate
 Concen: 43.074 ng
 RT: 20.814 min Scan# 2983
 Delta R.T. -0.002 min
 Lab File: BG054745.D
 Acq: 25 Aug 2022 21:13



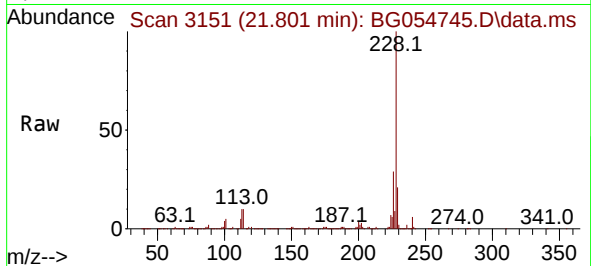
Tgt Ion:149 Resp: 369693
 Ion Ratio Lower Upper
 149 100
 91 71.2 59.5 89.3
 206 21.7 16.6 25.0





#81
Benzo(a)anthracene
Concen: 42.843 ng
RT: 21.801 min Scan# 3152
Delta R.T. -0.007 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

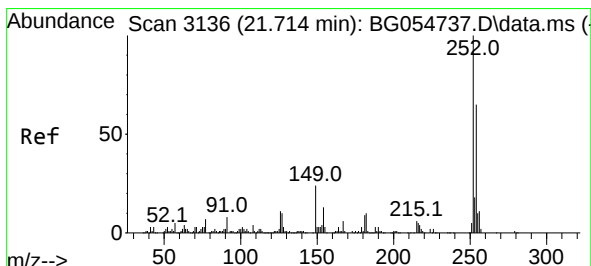
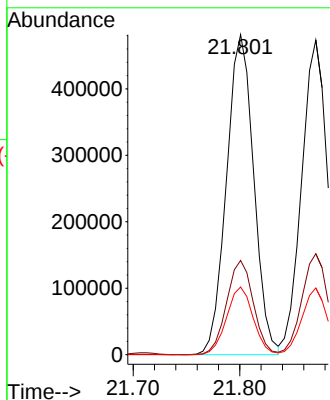
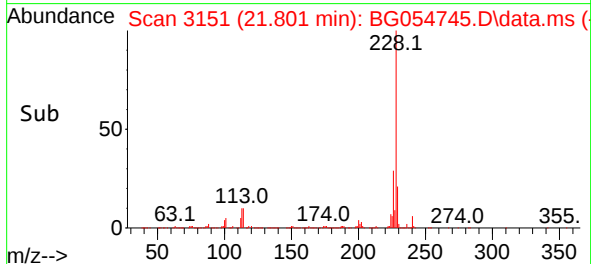
Instrument :
BNA_G
ClientSampleId :
PB147159BS



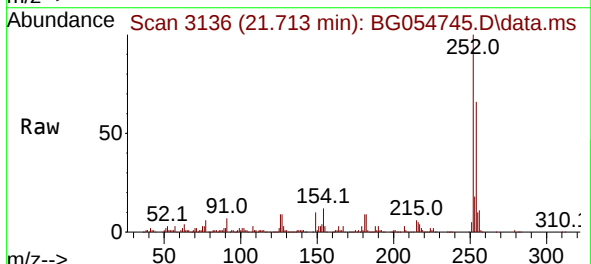
Tgt Ion:228 Resp: 857189
Ion Ratio Lower Upper
228 100
226 29.5 23.4 35.2
229 21.2 16.5 24.7

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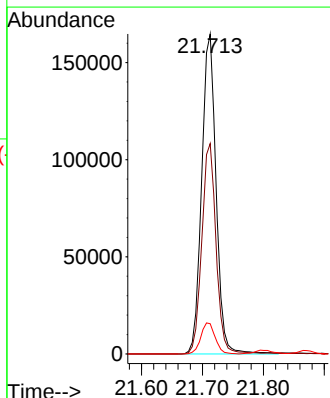
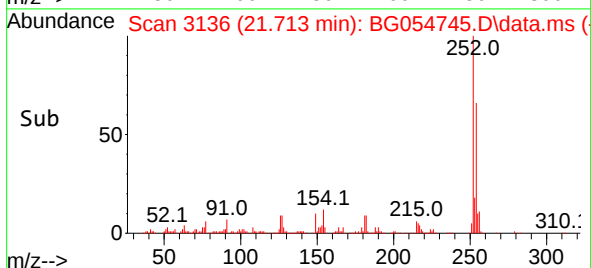
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

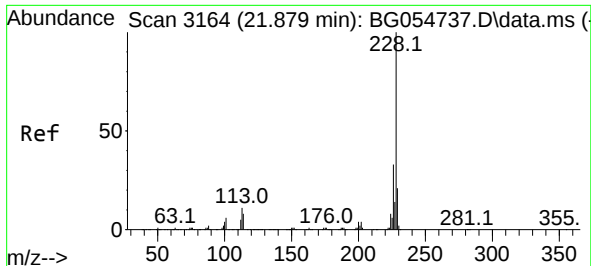


#82
3,3'-Dichlorobenzidine
Concen: 38.582 ng
RT: 21.713 min Scan# 3136
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13



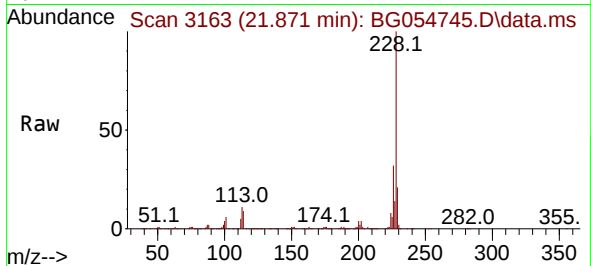
Tgt Ion:252 Resp: 270648
Ion Ratio Lower Upper
252 100
254 65.7 51.4 77.2
126 9.5 8.2 12.2





#83
Chrysene
Concen: 42.364 ng
RT: 21.871 min Scan# 3164
Delta R.T. -0.007 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

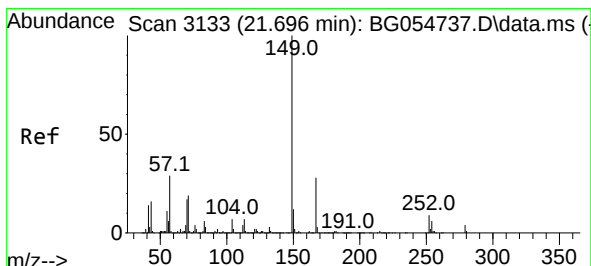
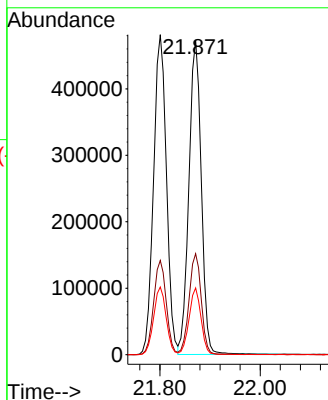
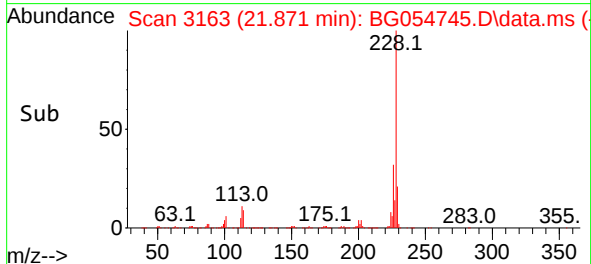
Instrument :
BNA_G
ClientSampleId :
PB147159BS



Tgt Ion:228 Resp: 810438
Ion Ratio Lower Upper
228 100
226 32.1 25.5 38.3
229 21.2 16.8 25.2

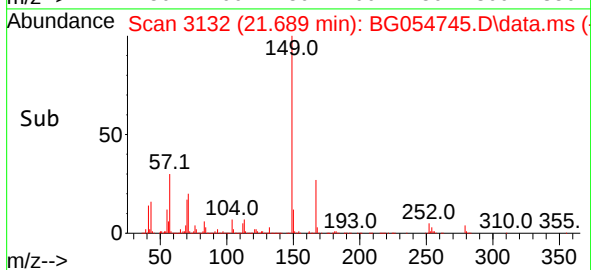
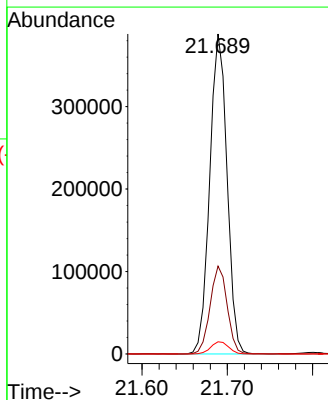
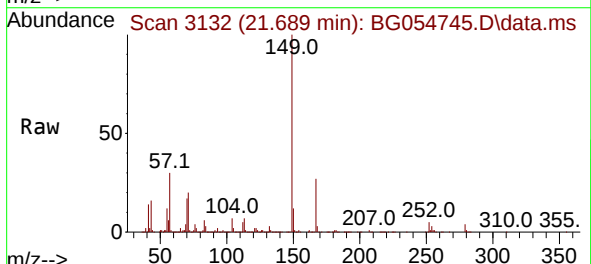
Manual Integrations
APPROVED

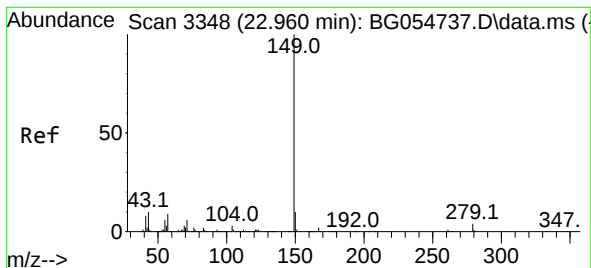
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.190 ng
RT: 21.689 min Scan# 3132
Delta R.T. -0.007 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Tgt Ion:149 Resp: 546433
Ion Ratio Lower Upper
149 100
167 27.4 21.4 32.0
279 3.8 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 43.824 ng

RT: 22.952 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG054745.D

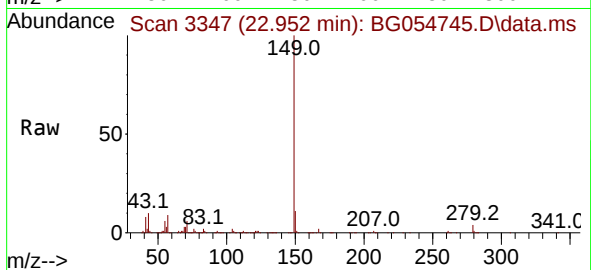
Acq: 25 Aug 2022 21:13

Instrument :

BNA_G

ClientSampleId :

PB147159BS



Tgt Ion:149 Resp: 918984

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

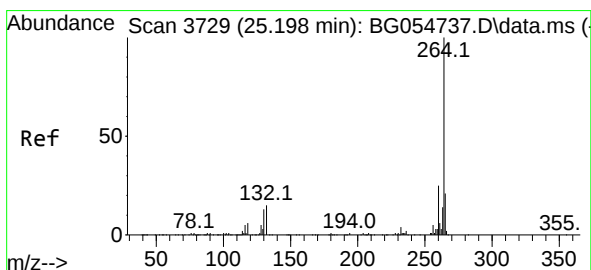
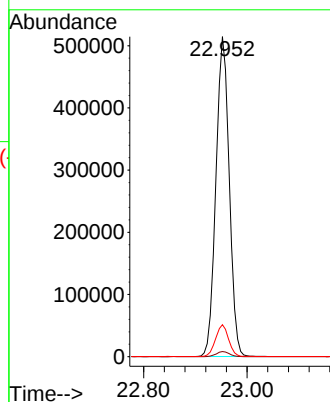
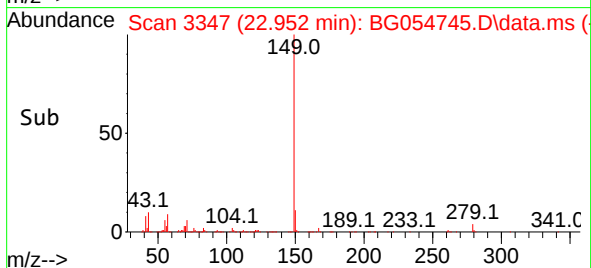
43 9.7 9.0 13.6

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: BG054745.D

Acq: 25 Aug 2022 21:13

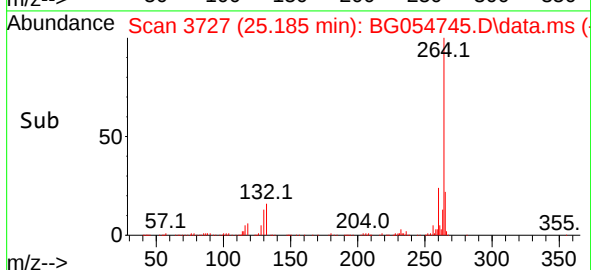
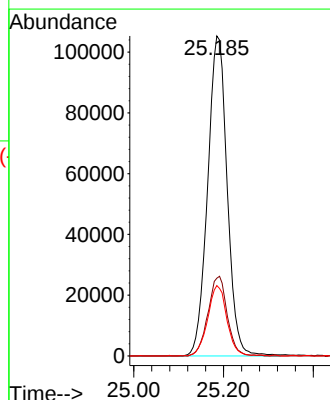
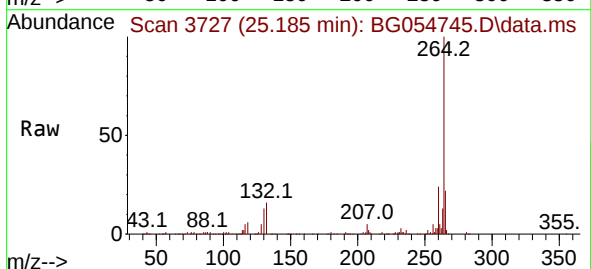
Tgt Ion:264 Resp: 317963

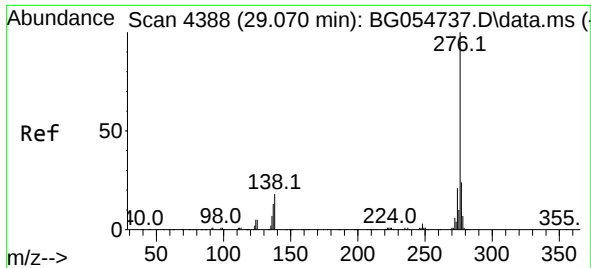
Ion Ratio Lower Upper

264 100

260 24.3 19.9 29.9

265 22.0 16.9 25.3





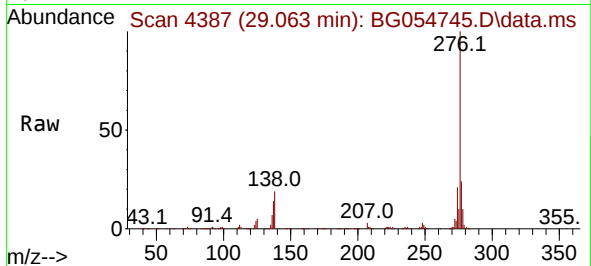
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.541 ng
RT: 29.063 min Scan# 4388
Delta R.T. -0.007 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Instrument :

BNA_G

ClientSampleId :

PB147159BS

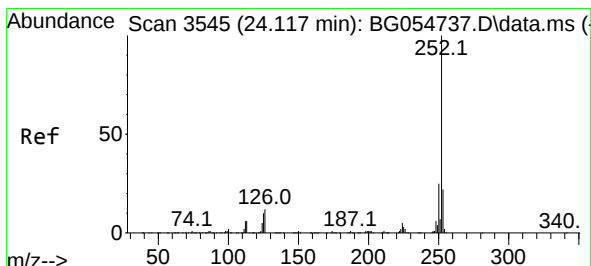
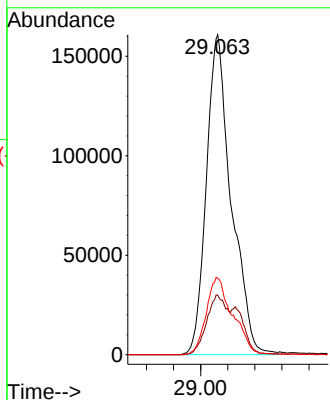
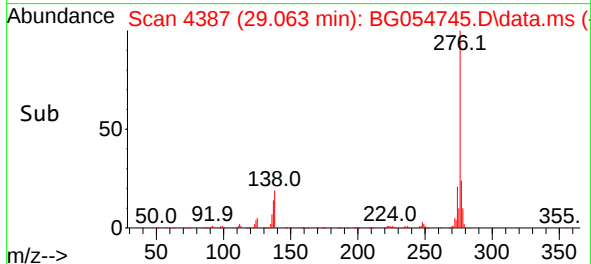


Tgt Ion:276 Resp: 1026890
Ion Ratio Lower Upper
276 100
138 15.5 12.0 18.0
277 25.4 20.2 30.4

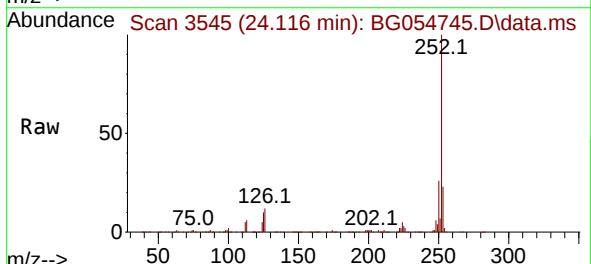
Manual Integrations

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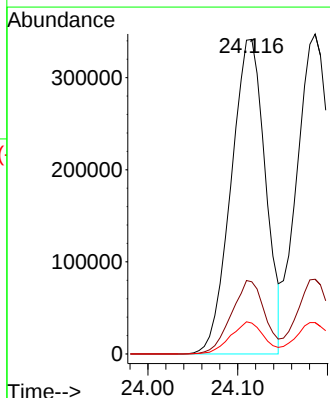
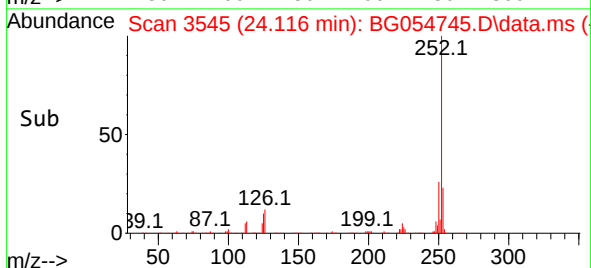
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#88
Benzo(b)fluoranthene
Concen: 45.485 ng
RT: 24.116 min Scan# 3545
Delta R.T. -0.002 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13



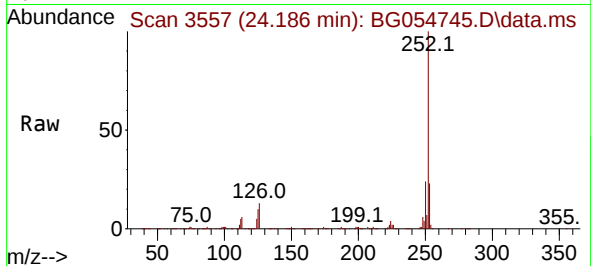
Tgt Ion:252 Resp: 907259
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 9.8 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 45.305 ng
RT: 24.186 min Scan# 3558
Delta R.T. -0.007 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

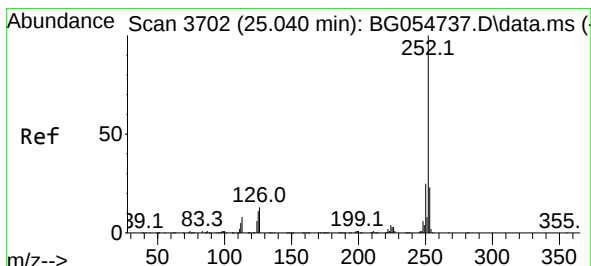
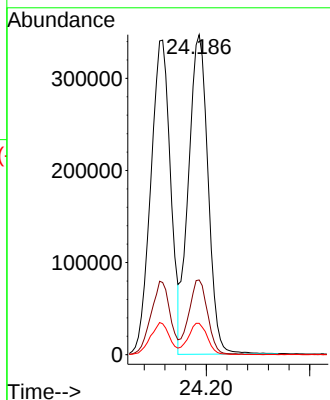
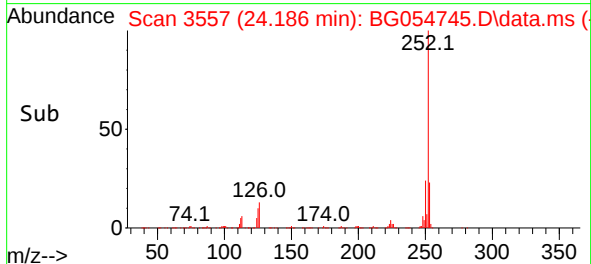
Instrument :
BNA_G
ClientSampleId :
PB147159BS



Tgt Ion:252 Resp: 909449
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 9.8 8.2 12.4

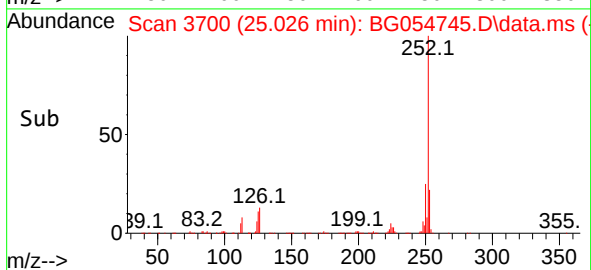
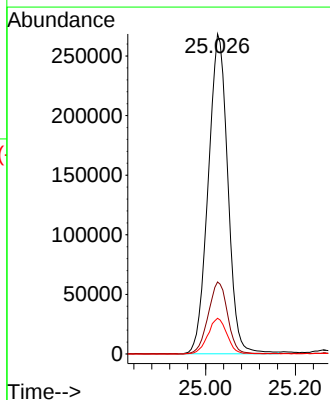
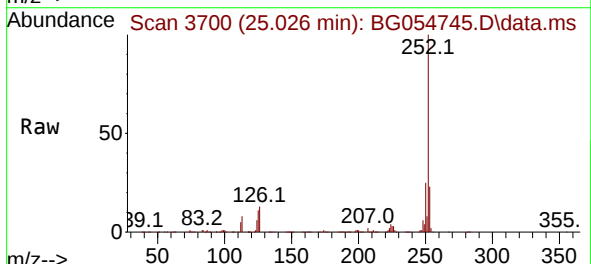
Manual Integrations
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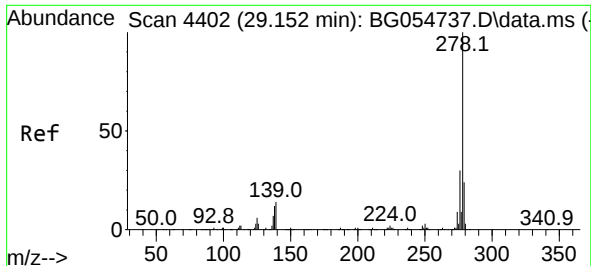
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#90
Benzo(a)pyrene
Concen: 47.533 ng
RT: 25.026 min Scan# 3700
Delta R.T. -0.013 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

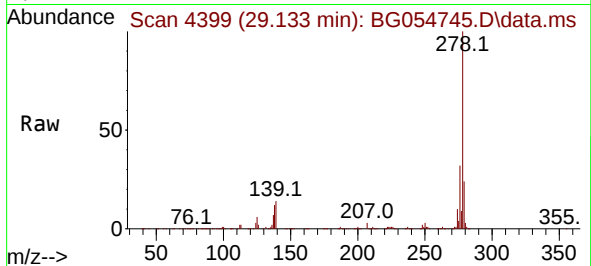
Tgt Ion:252 Resp: 810016
Ion Ratio Lower Upper
252 100
253 22.5 18.3 27.5
125 11.2 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 44.853 ng
RT: 29.133 min Scan# 41
Delta R.T. -0.019 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

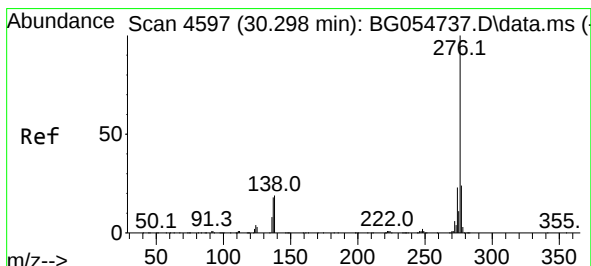
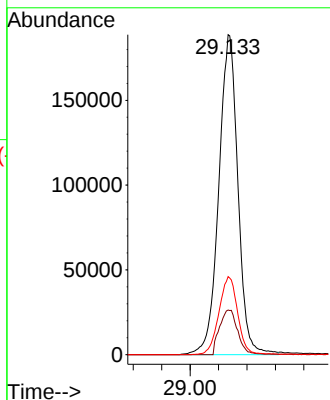
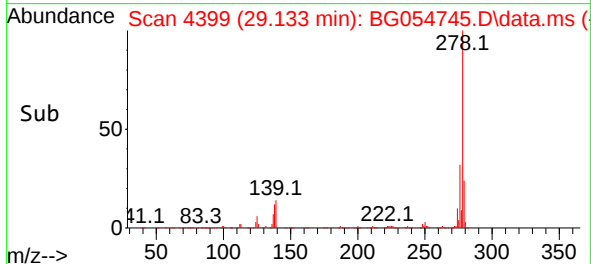
Instrument :
BNA_G
ClientSampleId :
PB147159BS



Tgt Ion:278 Resp: 882062
Ion Ratio Lower Upper
278 100
139 13.9 11.4 17.2
279 24.4 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: 44.452 ng
RT: 30.279 min Scan# 4594
Delta R.T. -0.019 min
Lab File: BG054745.D
Acq: 25 Aug 2022 21:13

Tgt Ion:276 Resp: 883132
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.0
138 19.8 16.6 25.0

