

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
 Data File : BG054802.D
 Acq On : 31 Aug 2022 11:39
 Operator : CG/JU
 Sample : PB147287BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147287BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/01/2022
 Supervised By : Jagrut Upadhyay 09/01/2022

Quant Time: Sep 01 04:58:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	42212	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	178534	20.000	ng	0.00
39) Acenaphthene-d10	14.788	164	120539	20.000	ng	0.00
64) Phenanthrene-d10	17.532	188	273553	20.000	ng	0.00
76) Chrysene-d12	21.827	240	259543	20.000	ng	0.00
86) Perylene-d12	25.199	264	276843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	369627	152.481	ng	0.00
7) Phenol-d6	7.303	99	478418	144.313	ng	0.00
23) Nitrobenzene-d5	9.324	82	290420	85.396	ng	0.00
42) 2,4,6-Tribromophenol	16.275	330	212190	140.876	ng	0.00
45) 2-Fluorobiphenyl	13.407	172	671591	83.741	ng	0.00
79) Terphenyl-d14	20.135	244	1179286	90.028	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.531	88	39277	33.932	ng	97
3) Pyridine	3.936	79	110718	34.293	ng	97
4) n-Nitrosodimethylamine	3.854	42	61570	44.116	ng	96
6) Aniline	7.467	93	190308	48.316	ng	99
8) 2-Chlorophenol	7.714	128	137749	52.011	ng	99
9) Benzaldehyde	7.279	77	68229	31.402	ng	96
10) Phenol	7.326	94	171179	50.210	ng	99
11) bis(2-Chloroethyl)ether	7.561	93	129224	47.129	ng	98
12) 1,3-Dichlorobenzene	8.037	146	148651	48.501	ng	98
13) 1,4-Dichlorobenzene	8.184	146	149182	48.256	ng	98
14) 1,2-Dichlorobenzene	8.507	146	146584	50.005	ng	98
15) Benzyl Alcohol	8.390	79	120271m	50.218	ng	
16) 2,2'-oxybis(1-Chloropr...	8.672	45	191940	44.737	ng	98
17) 2-Methylphenol	8.589	107	116658	49.699	ng	97
18) Hexachloroethane	9.242	117	51951	46.342	ng	97
19) n-Nitroso-di-n-propyla...	8.954	70	102303	44.876	ng	97
20) 3+4-Methylphenols	8.918	107	159294	48.939	ng	97
22) Acetophenone	8.977	105	203008	45.451	ng	98
24) Nitrobenzene	9.365	77	149432	43.593	ng	98
25) Isophorone	9.888	82	287255	45.300	ng	100
26) 2-Nitrophenol	10.082	139	73013	48.220	ng	97
27) 2,4-Dimethylphenol	10.129	122	129132	53.825	ng	97
28) bis(2-Chloroethoxy)met...	10.370	93	171080	47.346	ng	100
29) 2,4-Dichlorophenol	10.617	162	130631	47.872	ng	99
30) 1,2,4-Trichlorobenzene	10.834	180	141319	45.318	ng	98
31) Naphthalene	11.028	128	419479	43.793	ng	99
32) Benzoic acid	10.282	122	38000m	26.383	ng	
33) 4-Chloroaniline	11.134	127	156394	40.049	ng	98
34) Hexachlorobutadiene	11.304	225	92559	46.327	ng	98
35) Caprolactam	11.903	113	45658m	47.427	ng	
36) 4-Chloro-3-methylphenol	12.244	107	141324	47.361	ng	99
37) 2-Methylnaphthalene	12.626	142	294657	43.890	ng	99
38) 1-Methylnaphthalene	12.843	142	279904	42.852	ng	99
40) 1,2,4,5-Tetrachloroben...	12.984	216	165317	45.497	ng	99
41) Hexachlorocyclopentadiene	12.961	237	199011	103.275	ng	98
43) 2,4,6-Trichlorophenol	13.219	196	108020	44.788	ng	100

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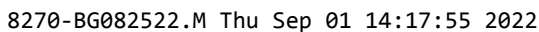
Quant Time: Sep 01 04:58:40 2022
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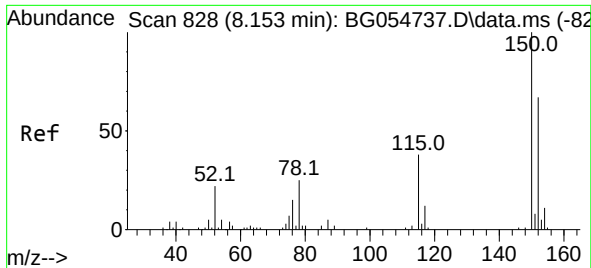
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.296	196	117570	43.407	ng	98
46) 1,1'-Biphenyl	13.619	154	397832	44.444	ng	98
47) 2-Chloronaphthalene	13.666	162	290509	42.734	ng	99
48) 2-Nitroaniline	13.872	65	93394	43.837	ng	96
49) Acenaphthylene	14.512	152	487056	43.417	ng	100
50) Dimethylphthalate	14.230	163	398437	42.905	ng	98
51) 2,6-Dinitrotoluene	14.359	165	86063	45.310	ng	87
52) Acenaphthene	14.853	154	335110m	46.504	ng	
53) 3-Nitroaniline	14.688	138	82047	38.586	ng	95
54) 2,4-Dinitrophenol	14.894	184	81746	76.571	ng	97
55) Dibenzofuran	15.182	168	457721	43.228	ng	100
56) 4-Nitrophenol	14.994	139	150365	91.380	ng	95
57) 2,4-Dinitrotoluene	15.141	165	121516	46.252	ng	88
58) Fluorene	15.828	166	383769	43.022	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.405	232	101081	41.400	ng	98
60) Diethylphthalate	15.587	149	398465	42.970	ng	98
61) 4-Chlorophenyl-phenylether	15.816	204	199762	45.396	ng	99
62) 4-Nitroaniline	15.852	138	94540	43.548	ng	97
63) Azobenzene	16.110	77	358773	40.710	ng	97
65) 4,6-Dinitro-2-methylph...	15.904	198	58989	42.363	ng	96
66) n-Nitrosodiphenylamine	16.034	169	351562	44.565	ng	99
67) 4-Bromophenyl-phenylether	16.715	248	138773	46.205	ng	97
68) Hexachlorobenzene	16.833	284	156966	46.490	ng	96
69) Atrazine	16.974	200	130499	46.890	ng	98
70) Pentachlorophenol	17.179	266	162119	88.374	ng	99
71) Phenanthrene	17.573	178	630615	43.275	ng	99
72) Anthracene	17.667	178	637245	44.978	ng	100
73) Carbazole	17.937	167	592850	45.417	ng	99
74) Di-n-butylphthalate	18.478	149	717695	43.450	ng	99
75) Fluoranthene	19.582	202	776690	43.813	ng	98
77) Benzidine	19.759	184	521310	81.093	ng	99
78) Pyrene	19.941	202	791530	43.736	ng	99
80) Butylbenzylphthalate	20.816	149	315019	41.731	ng	97
81) Benzo(a)anthracene	21.809	228	769228	43.712	ng	100
82) 3,3'-Dichlorobenzidine	21.715	252	272930	44.236	ng	99
83) Chrysene	21.880	228	721103	42.857	ng	100
84) Bis(2-ethylhexyl)phtha...	21.692	149	465278	42.780	ng	98
85) Di-n-octyl phthalate	22.955	149	790994	42.886	ng	95
87) Indeno(1,2,3-cd)pyrene	29.089	276	913867	43.482	ng	# 94
88) Benzo(b)fluoranthene	24.124	252	809455	46.610	ng	99
89) Benzo(k)fluoranthene	24.201	252	797067	45.605	ng	98
90) Benzo(a)pyrene	25.047	252	719323	48.481	ng	98
91) Dibenzo(a,h)anthracene	29.159	278	789909	46.133	ng	100
92) Benzo(g,h,i)perylene	30.311	276	782337	45.228	ng	97

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

Manual Integrations

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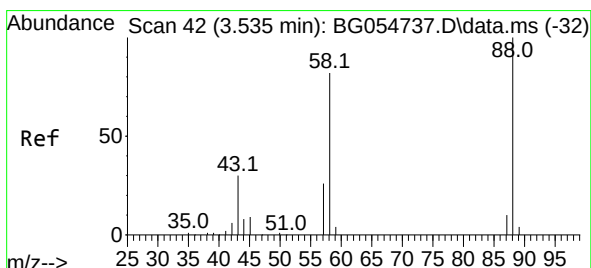
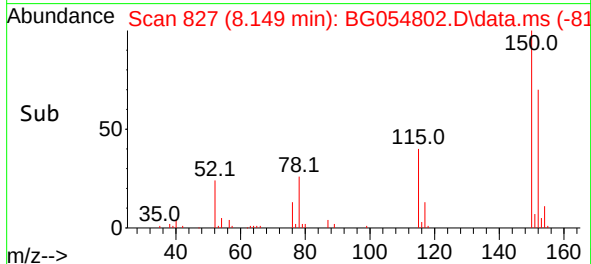
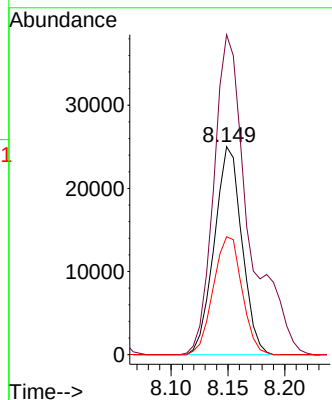
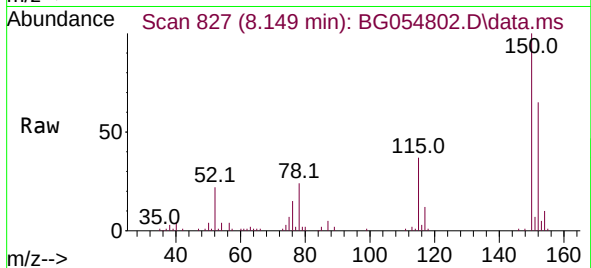
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.149 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Instrument :
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ClientSampleId :
PB147287BS

Tgt Ion:152 Resp: 42212
Ion Ratio Lower Upper
152 100
150 153.9 125.2 187.8
115 56.7 47.9 71.9

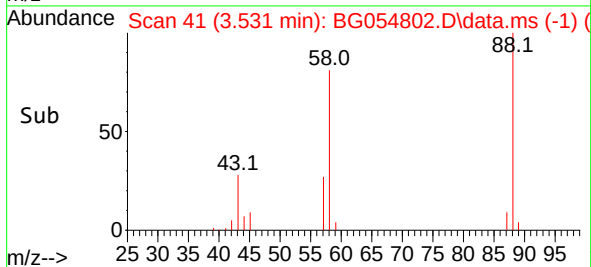
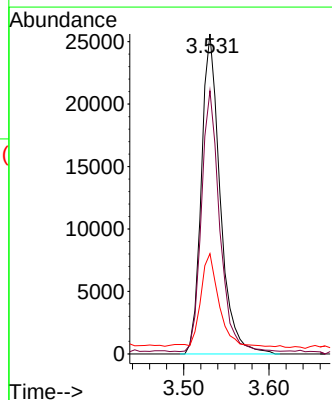
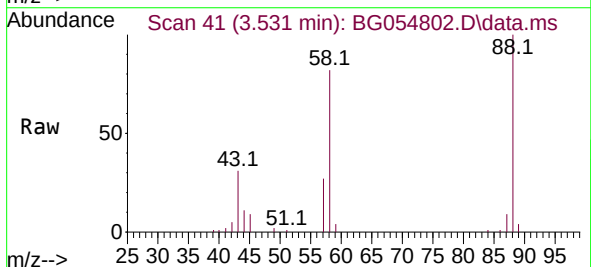
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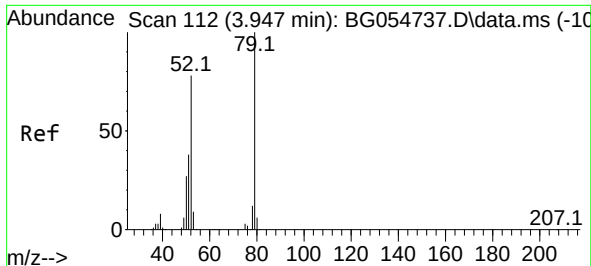
Reviewed By :Christian Giraldo 09/01/2022
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#2
1,4-Dioxane
Concen: 33.932 ng
RT: 3.531 min Scan# 41
Delta R.T. -0.005 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Tgt Ion: 88 Resp: 39277
Ion Ratio Lower Upper
88 100
58 79.2 65.9 98.9
43 29.6 22.7 34.1





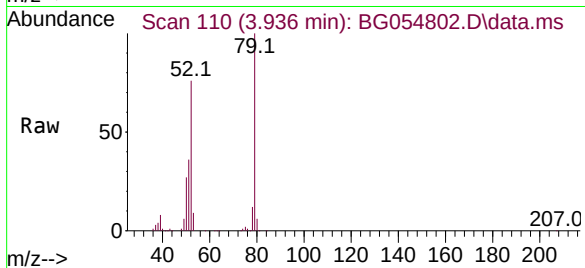
#3
Pyridine
Concen: 34.293 ng
RT: 3.936 min Scan# 112
Delta R.T. -0.011 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Instrument :

BNA_G

ClientSampleId :

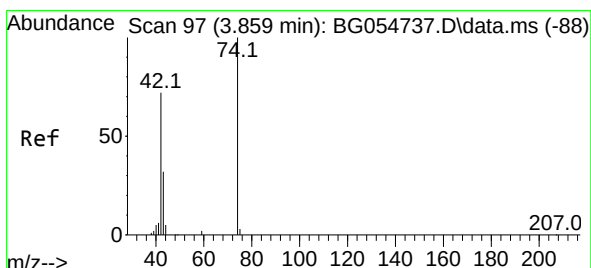
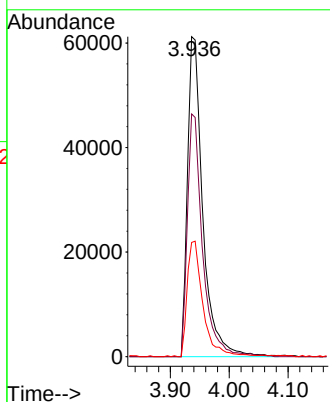
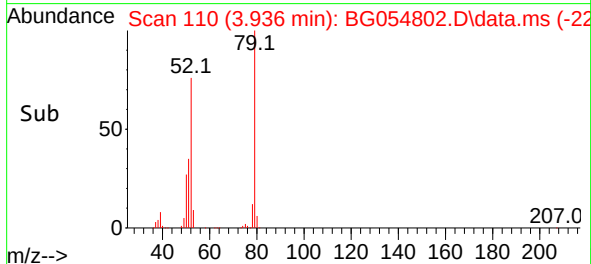
PB147287BS



Tgt Ion: 79 Resp: 110718
Ion Ratio Lower Upper
79 100
52 75.8 61.4 92.0
51 35.7 31.4 47.0

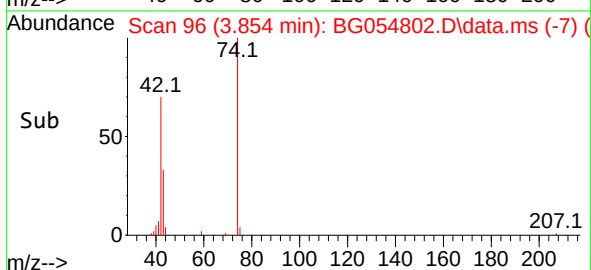
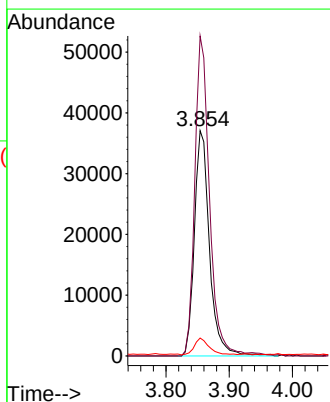
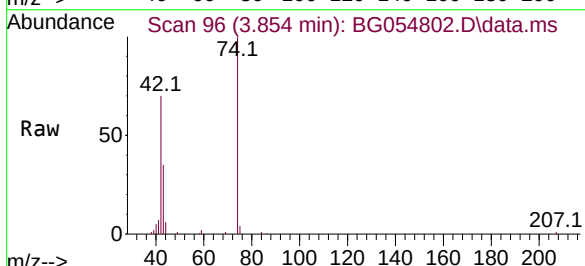
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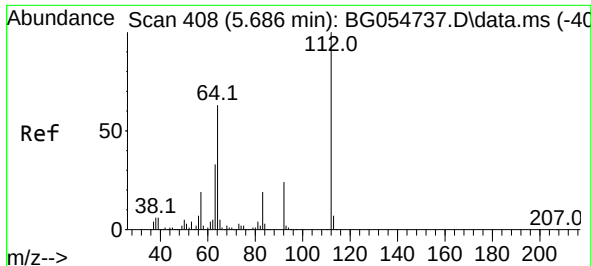
Reviewed By :Christian Giraldo 09/01/2022
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#4
n-Nitrosodimethylamine
Concen: 44.116 ng
RT: 3.854 min Scan# 96
Delta R.T. -0.005 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Tgt Ion: 42 Resp: 61570
Ion Ratio Lower Upper
42 100
74 142.1 109.6 164.4
44 7.9 5.5 8.3





#5
2-Fluorophenol
Concen: 152.481 ng
RT: 5.693 min Scan# 408
Delta R.T. 0.007 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Instrument :

BNA_G

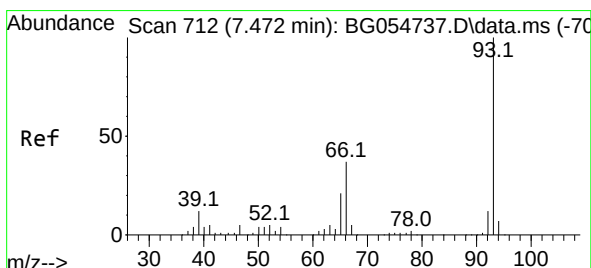
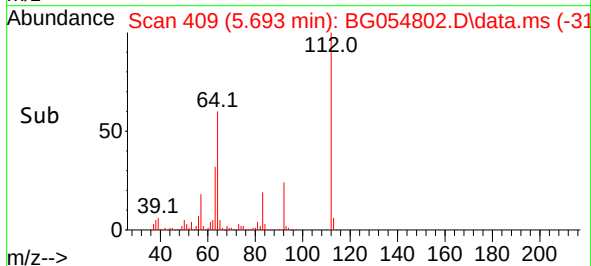
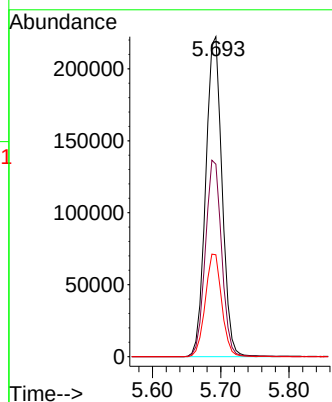
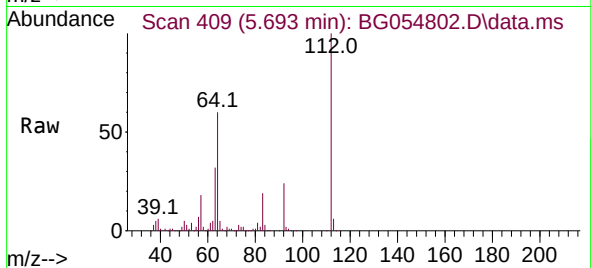
ClientSampleId :

PB147287BS

Tgt Ion: 112 Resp: 36962
Ion Ratio Lower Upper
112 100
64 60.1 49.3 73.9
63 31.8 26.3 39.5

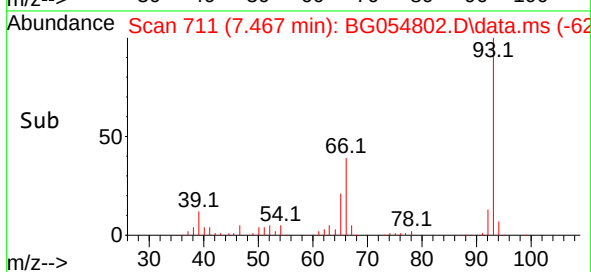
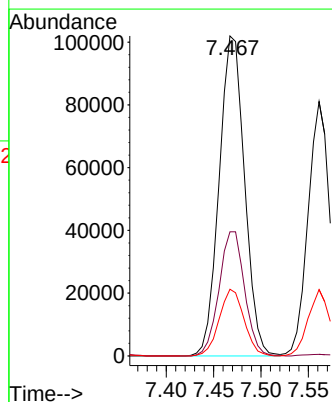
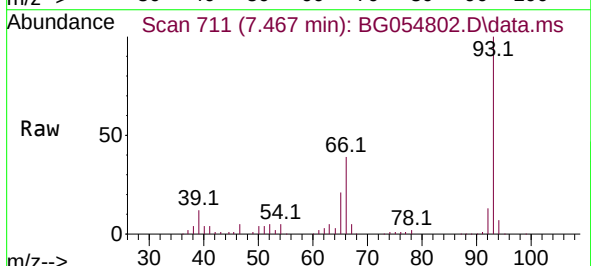
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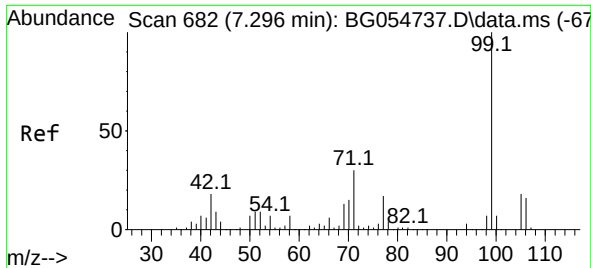
Reviewed By :Christian Giraldo 09/01/2022
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#6
Aniline
Concen: 48.316 ng
RT: 7.467 min Scan# 711
Delta R.T. -0.005 min
Lab File: BG054802.D
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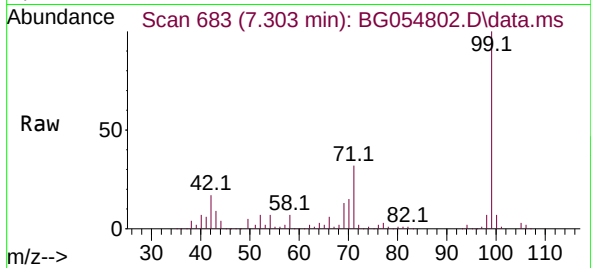
Tgt Ion: 93 Resp: 190308
Ion Ratio Lower Upper
93 100
66 38.8 31.8 47.8
65 20.8 16.6 25.0





#7
Phenol-d6
Concen: 144.313 ng
RT: 7.303 min Scan# 682
Delta R.T. 0.007 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

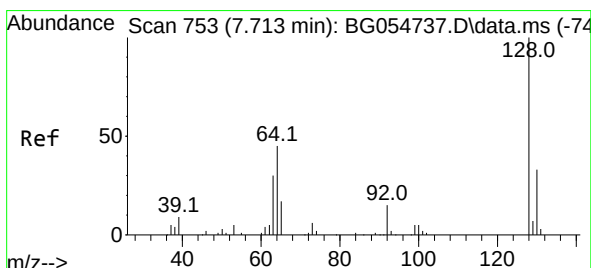
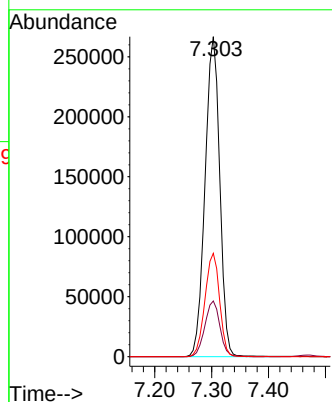
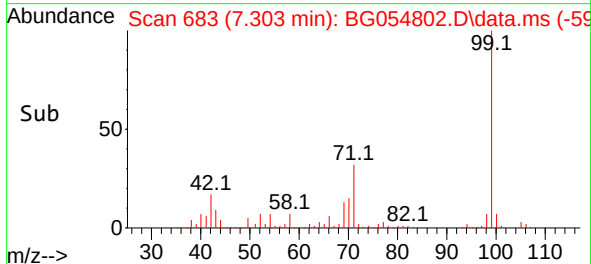
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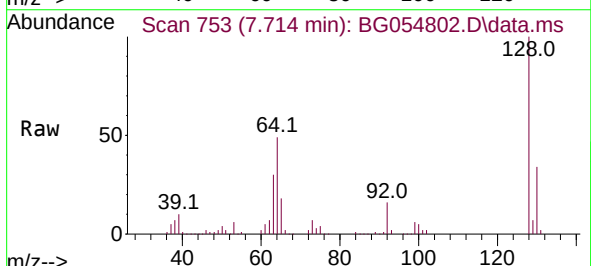
Tgt Ion: 99 Resp: 478418
Ion Ratio Lower Upper
99 100
42 17.4 14.6 22.0
71 32.3 24.6 37.0

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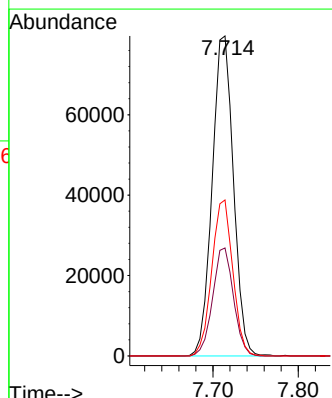
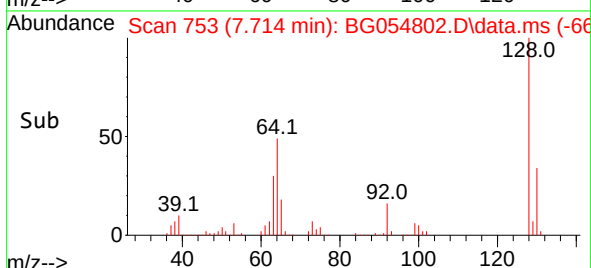
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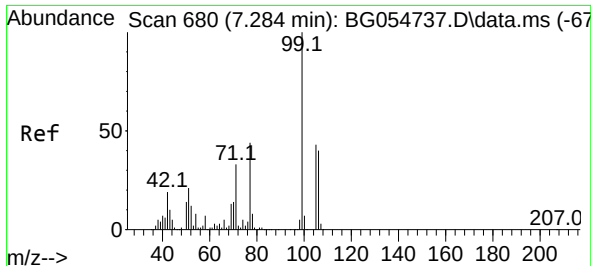


#8
2-Chlorophenol
Concen: 52.011 ng
RT: 7.714 min Scan# 753
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39



Tgt Ion:128 Resp: 137749
Ion Ratio Lower Upper
128 100
130 33.7 12.5 52.5
64 48.7 28.6 68.6





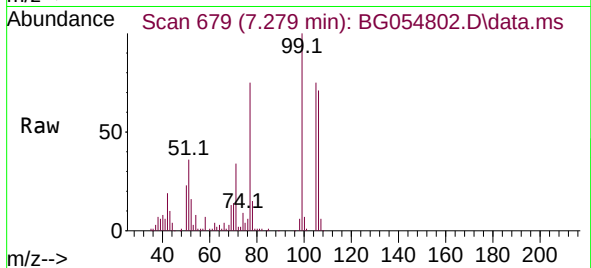
#9
Benzaldehyde
Concen: 31.402 ng
RT: 7.279 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

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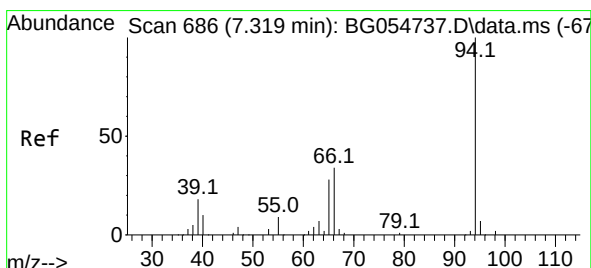
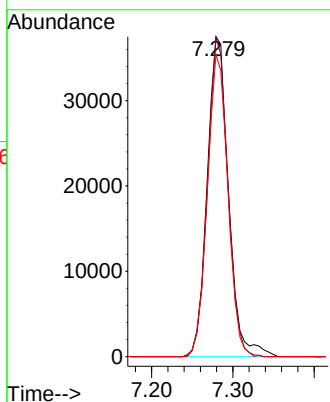
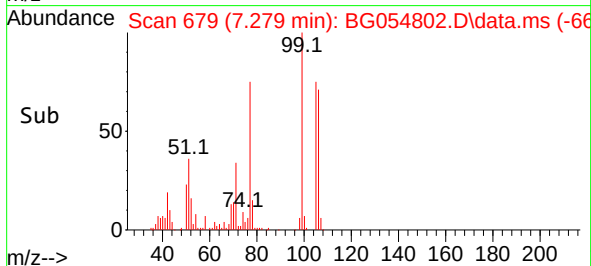


Tgt Ion: 77 Resp: 68229
Ion Ratio Lower Upper
77 100
105 99.6 75.3 115.3
106 94.4 70.2 110.2

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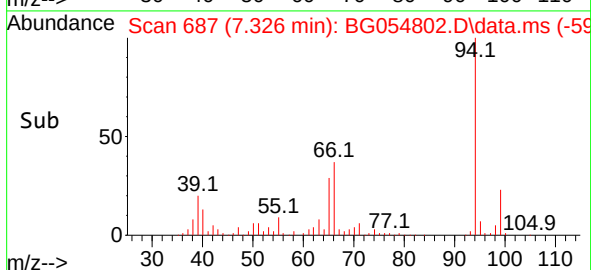
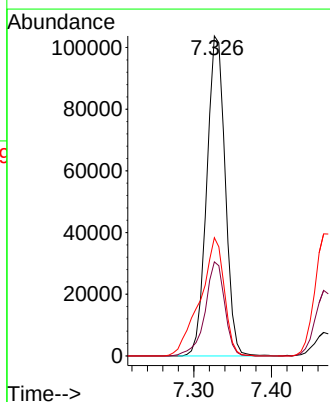
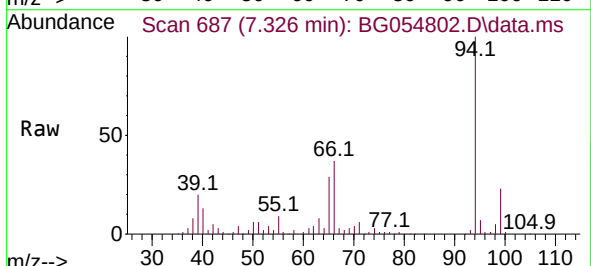
APPROVED

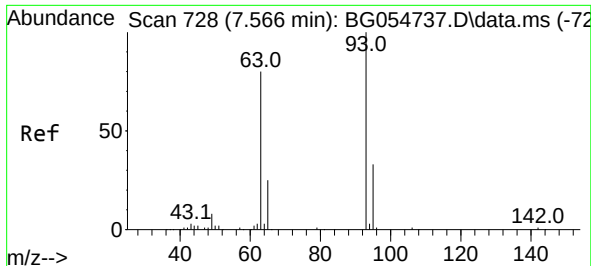
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#10
Phenol
Concen: 50.210 ng
RT: 7.326 min Scan# 687
Delta R.T. 0.007 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Tgt Ion: 94 Resp: 171179
Ion Ratio Lower Upper
94 100
65 29.4 9.9 49.9
66 36.9 16.4 56.4





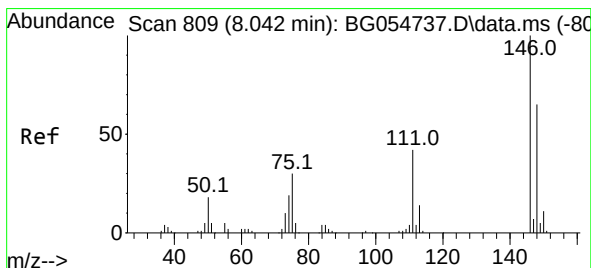
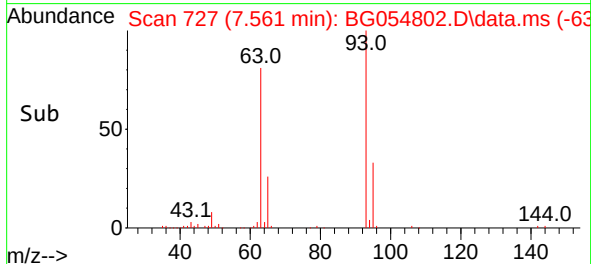
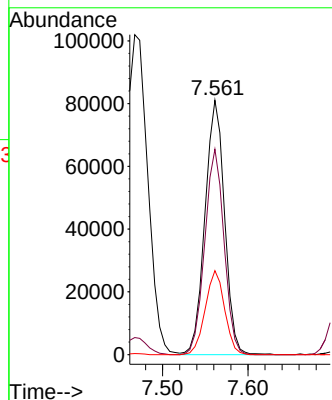
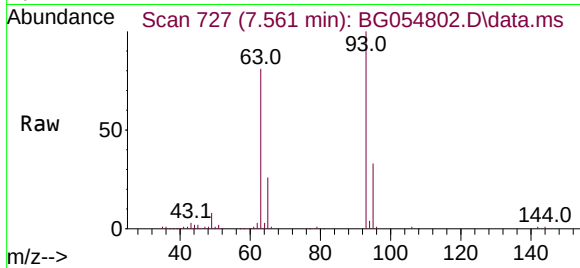
#11
bis(2-Chloroethyl)ether
Concen: 47.129 ng
RT: 7.561 min Scan# 71
Delta R.T. -0.005 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Instrument :
BNA_G
ClientSampleId :
PB147287BS

Tgt Ion: 93 Resp: 129224
Ion Ratio Lower Upper
93 100
63 80.8 62.1 102.1
95 33.0 12.1 52.1

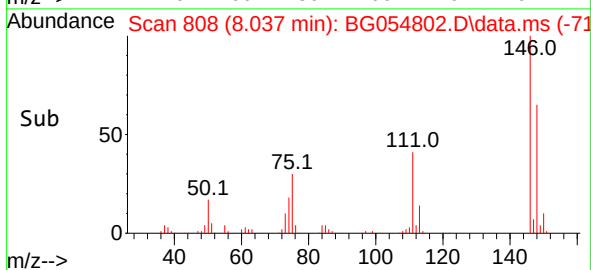
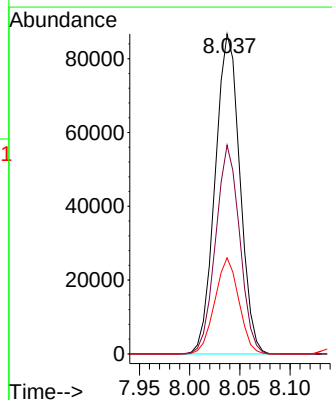
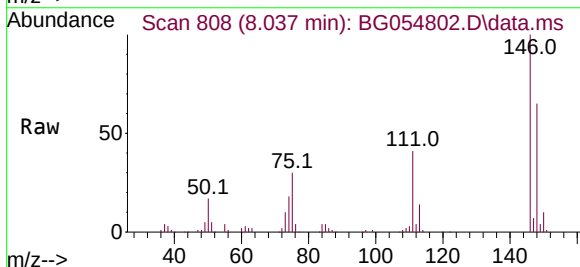
Manual Integrations
APPROVED

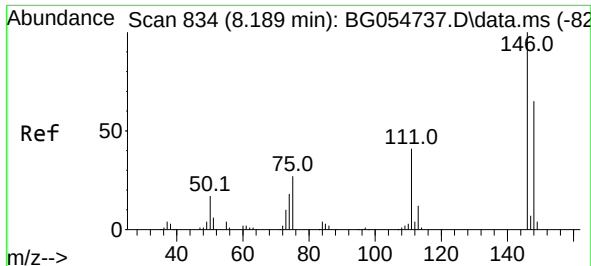
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#12
1,3-Dichlorobenzene
Concen: 48.501 ng
RT: 8.037 min Scan# 808
Delta R.T. -0.005 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Tgt Ion:146 Resp: 148651
Ion Ratio Lower Upper
146 100
148 65.2 50.6 76.0
75 30.0 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 48.256 ng

RT: 8.184 min Scan# 834

Delta R.T. -0.005 min

Lab File: BG054802.D

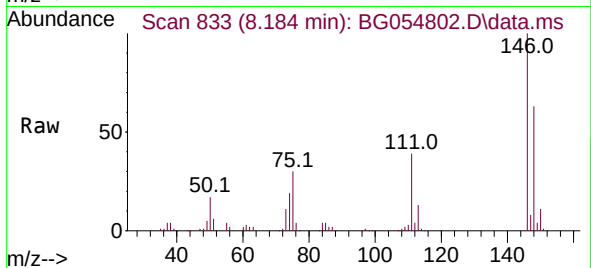
Acq: 31 Aug 2022 11:39

Instrument :

BNA_G

ClientSampleId :

PB147287BS



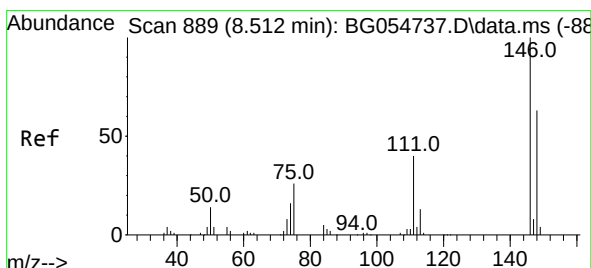
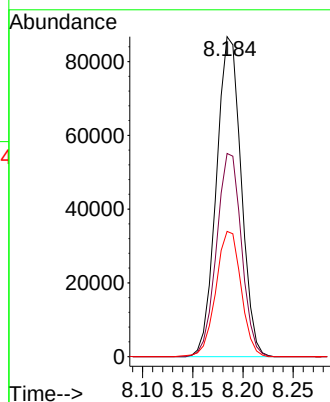
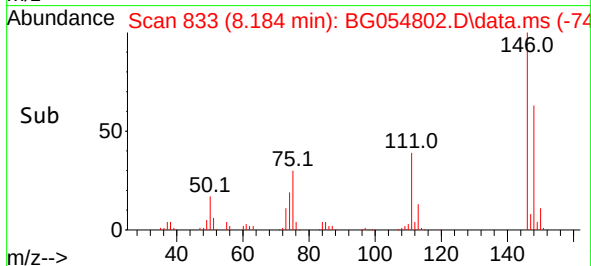
Tgt Ion:146 Resp: 149182

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.4	75.6
111	39.1	33.0	49.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#14

1,2-Dichlorobenzene

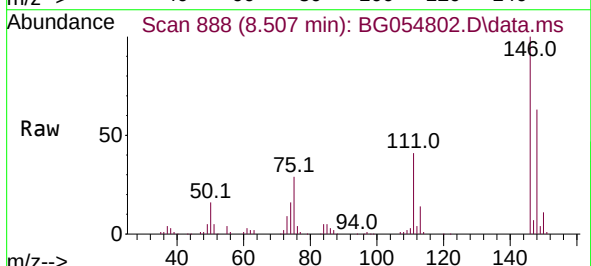
Concen: 50.005 ng

RT: 8.507 min Scan# 888

Delta R.T. -0.005 min

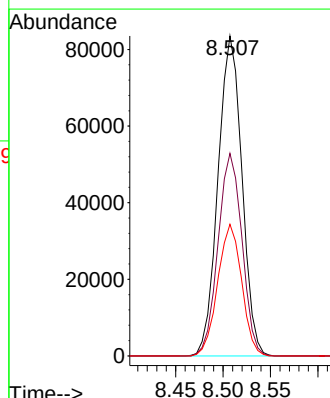
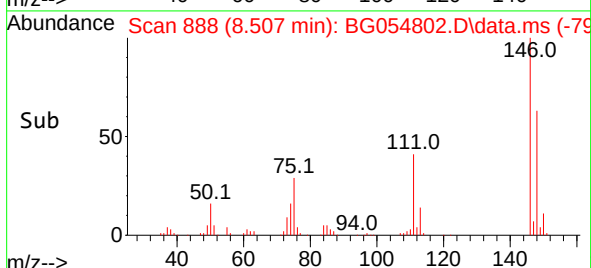
Lab File: BG054802.D

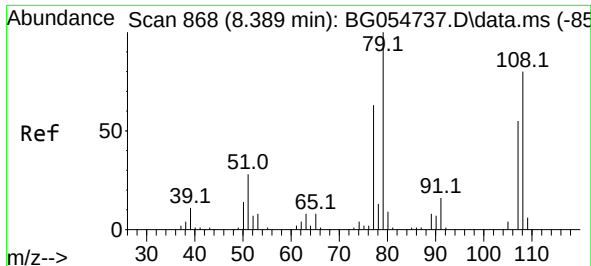
Acq: 31 Aug 2022 11:39



Tgt Ion:146 Resp: 146584

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.2	76.8
111	41.1	34.3	51.5





#15
Benzyl Alcohol
Concen: 50.218 ng m
RT: 8.390 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Instrument :

BNA_G

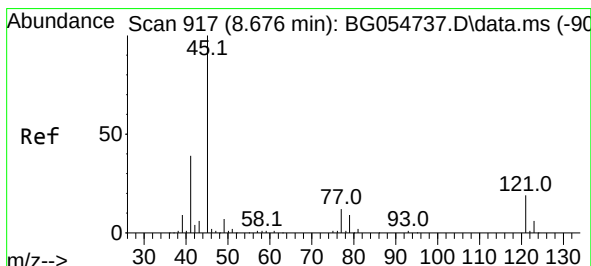
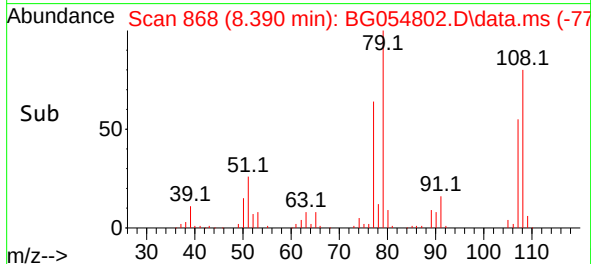
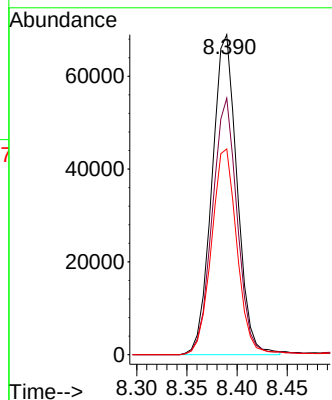
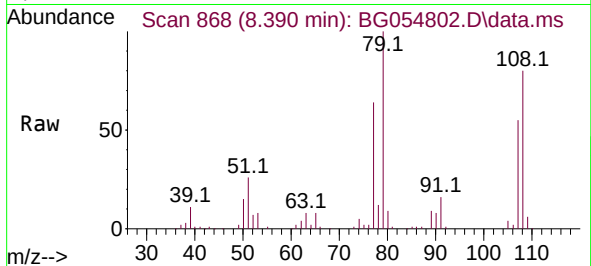
ClientSampleId :

PB147287BS

Tgt Ion: 79 Resp: 12027
Ion Ratio Lower Upper
79 100
108 80.1 63.4 95.0
77 64.3 55.0 82.4

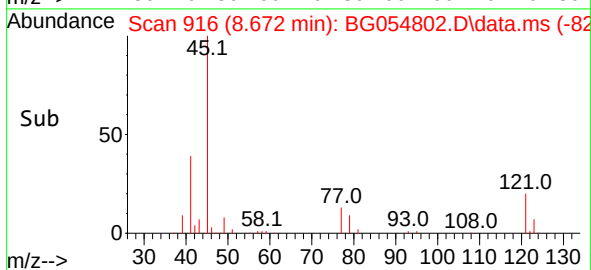
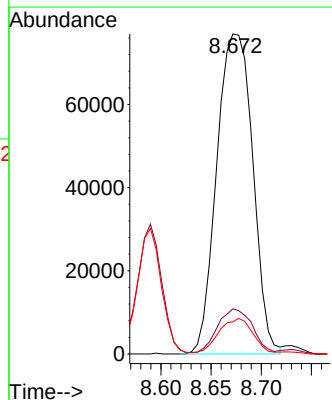
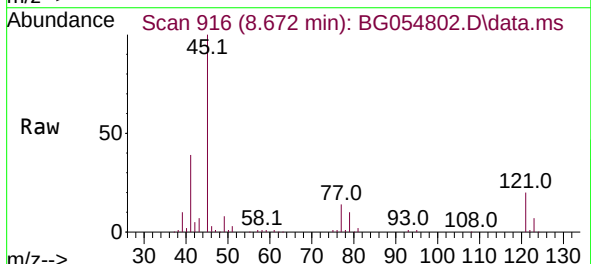
Manual Integrations
APPROVED

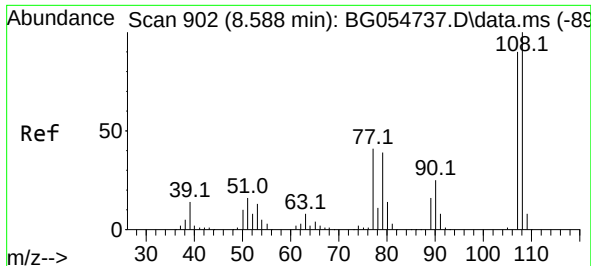
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.737 ng
RT: 8.672 min Scan# 916
Delta R.T. -0.005 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Tgt Ion: 45 Resp: 191940
Ion Ratio Lower Upper
45 100
77 14.1 0.0 32.8
79 10.0 0.0 30.4





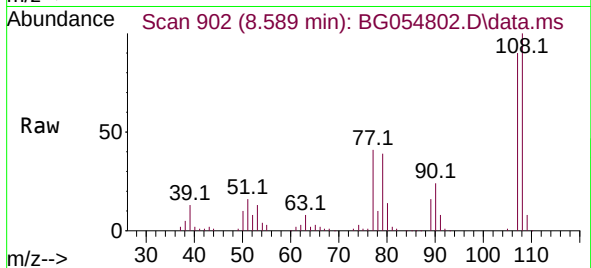
#17
2-Methylphenol
Concen: 49.699 ng
RT: 8.589 min Scan# 90
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Instrument :

BNA_G

ClientSampleId :

PB147287BS

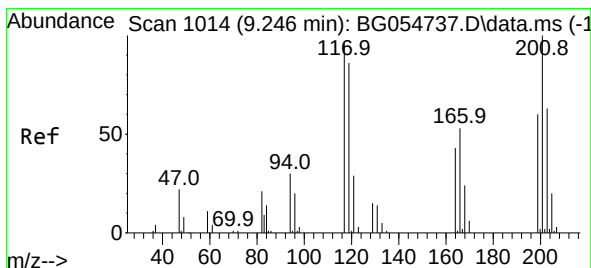
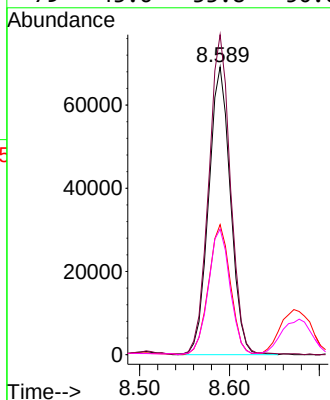
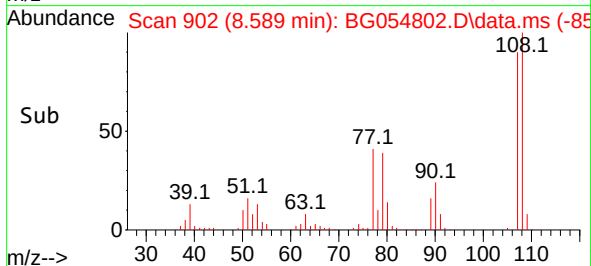


Tgt Ion:107 Resp: 116658
Ion Ratio Lower Upper
107 100
108 111.2 85.6 128.4
77 45.2 35.8 53.8
79 43.6 33.8 50.6

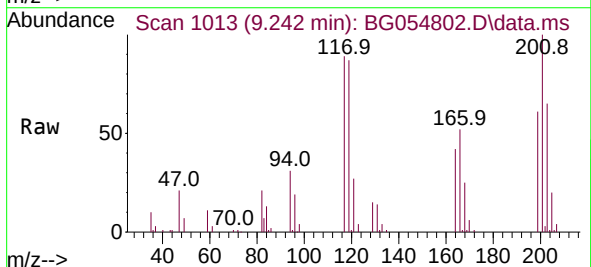
Manual Integrations

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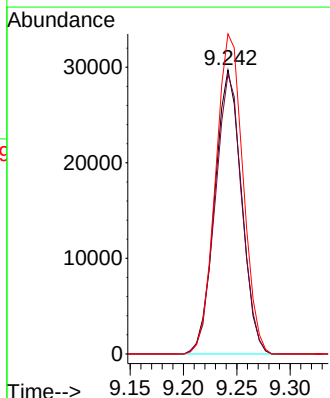
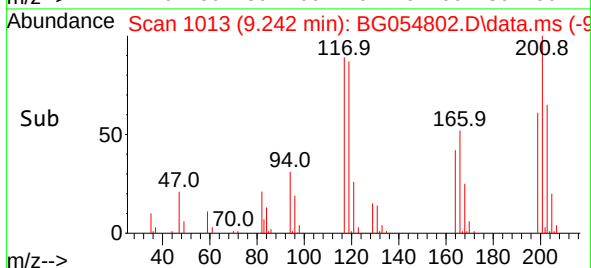
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

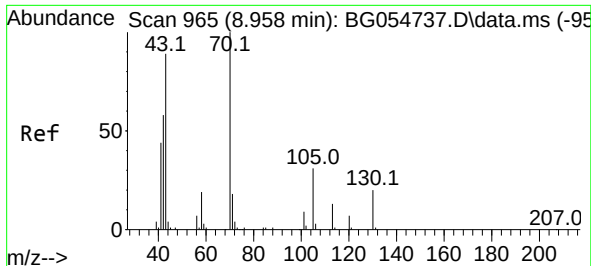


#18
Hexachloroethane
Concen: 46.342 ng
RT: 9.242 min Scan# 1013
Delta R.T. -0.005 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39



Tgt Ion:117 Resp: 51951
Ion Ratio Lower Upper
117 100
119 98.5 77.0 115.6
201 112.7 87.2 130.8





#19

n-Nitroso-di-n-propylamine

Concen: 44.876 ng

RT: 8.954 min Scan# 965

Delta R.T. -0.005 min

Lab File: BG054802.D

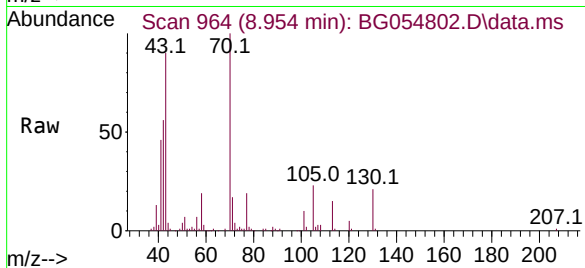
Acq: 31 Aug 2022 11:39

Instrument :

BNA_G

ClientSampleId :

PB147287BS



Tgt Ion: 70 Resp: 102303

Ion Ratio Lower Upper

70 100

42 56.4 46.6 69.8

101 9.8 7.7 11.5

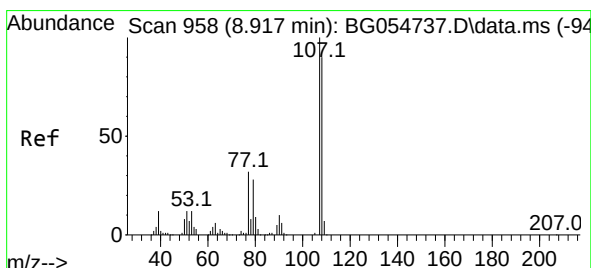
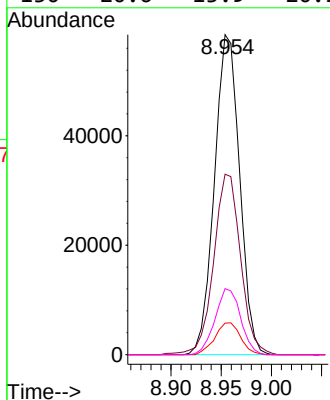
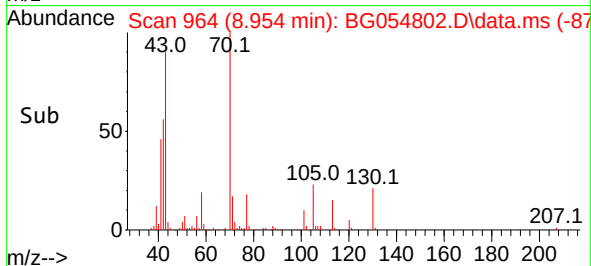
130 20.6 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/01/2022

Supervised By :Jagrut Upadhyay 09/01/2022



#20

3+4-Methylphenols

Concen: 48.939 ng

RT: 8.918 min Scan# 958

Delta R.T. 0.001 min

Lab File: BG054802.D

Acq: 31 Aug 2022 11:39

Tgt Ion:107 Resp: 159294

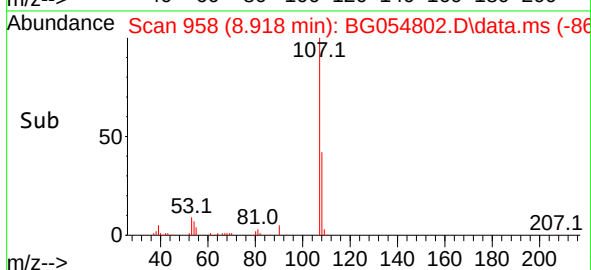
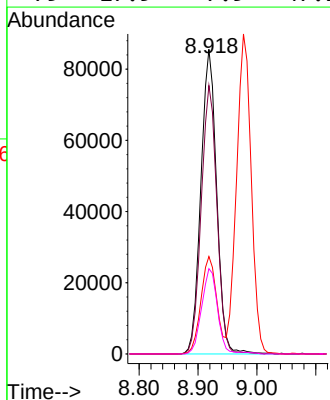
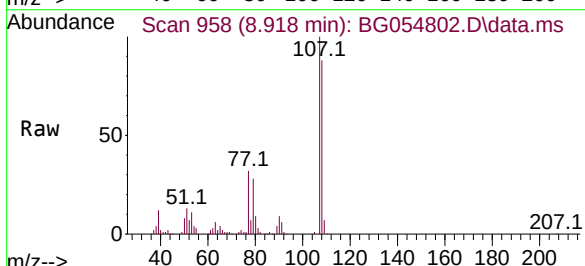
Ion Ratio Lower Upper

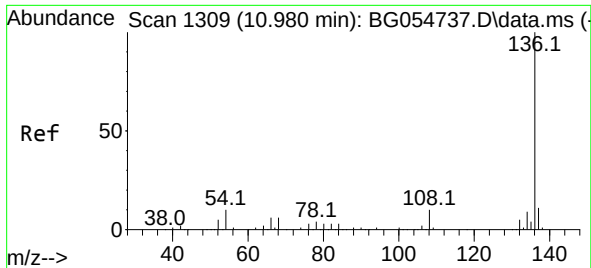
107 100

108 88.1 71.6 111.6

77 31.9 13.1 53.1

79 27.9 7.9 47.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1309
Delta R.T. -0.005 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Instrument :

BNA_G

ClientSampleId :

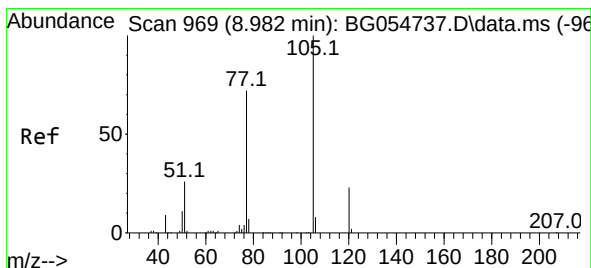
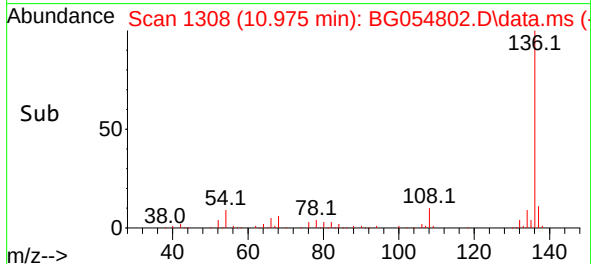
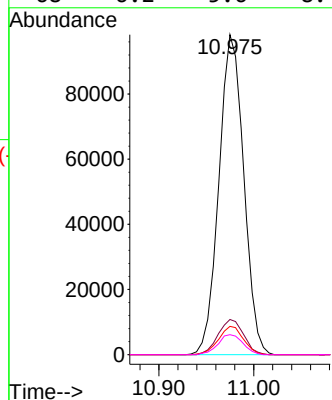
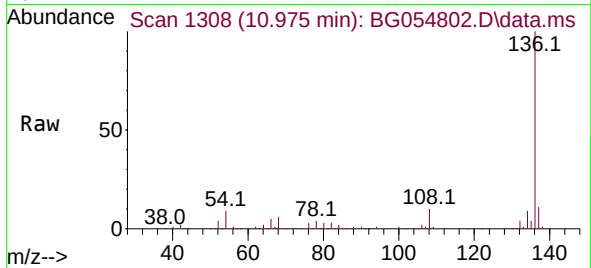
PB147287BS

Tgt Ion:136 Resp: 178534
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 8.8 7.7 11.5
68 6.2 5.6 8.4

Manual Integrations

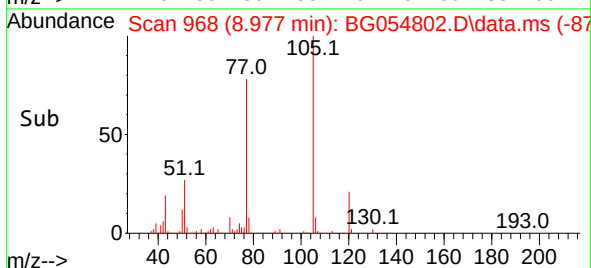
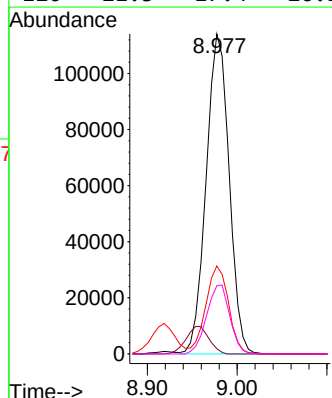
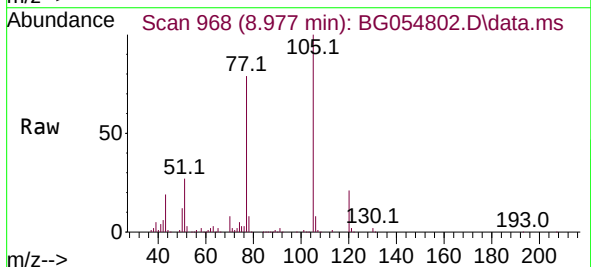
APPROVED

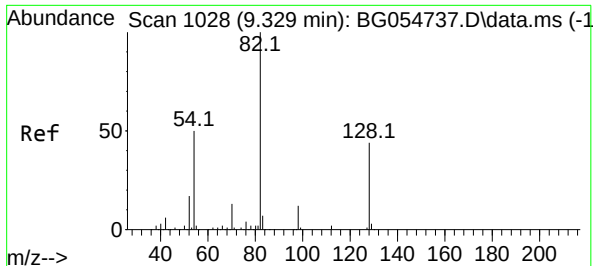
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#22
Acetophenone
Concen: 45.451 ng
RT: 8.977 min Scan# 968
Delta R.T. -0.005 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Tgt Ion:105 Resp: 203008
Ion Ratio Lower Upper
105 100
71 1.6 1.2 1.8
51 27.5 22.9 34.3
120 21.3 17.4 26.2





#23

Nitrobenzene-d5

Concen: 85.396 ng

RT: 9.324 min Scan# 1028

Delta R.T. -0.005 min

Lab File: BG054802.D

Acq: 31 Aug 2022 11:39

Instrument :

BNA_G

ClientSampleId :

PB147287BS

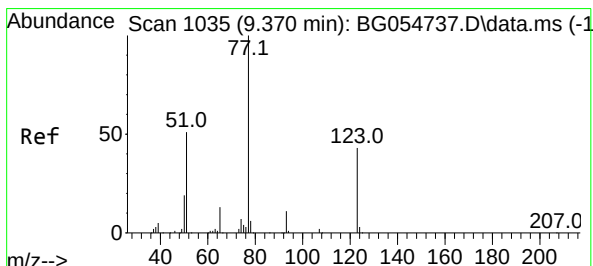
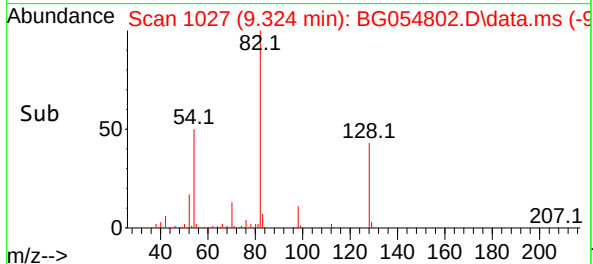
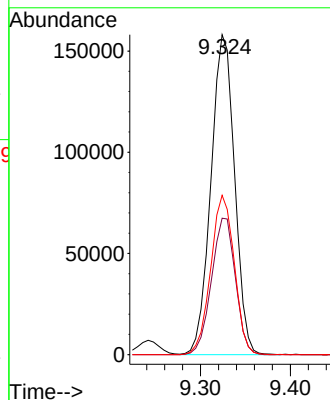
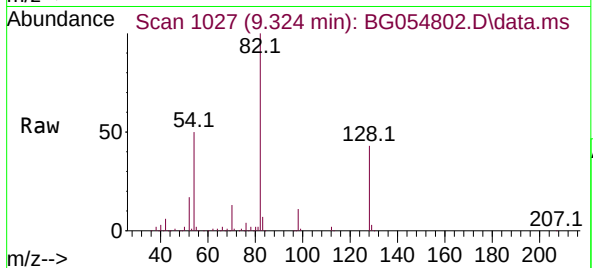
Tgt Ion:	82	Resp:	290420
Ion Ratio	Lower	Upper	
82	100		
128	42.6	32.2	48.2
54	49.8	41.4	62.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/01/2022

Supervised By :Jagrut Upadhyay 09/01/2022



#24

Nitrobenzene

Concen: 43.593 ng

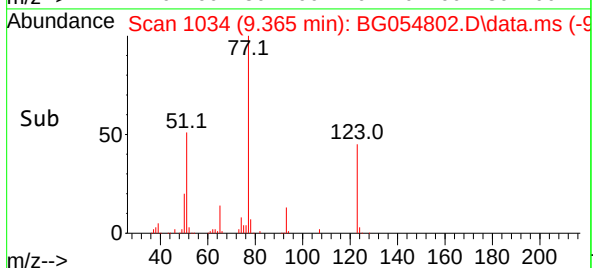
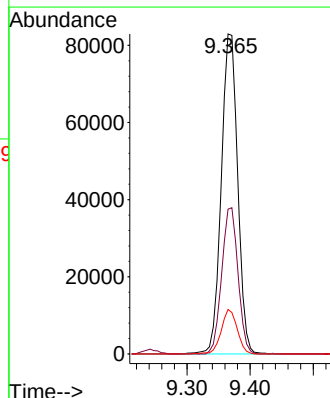
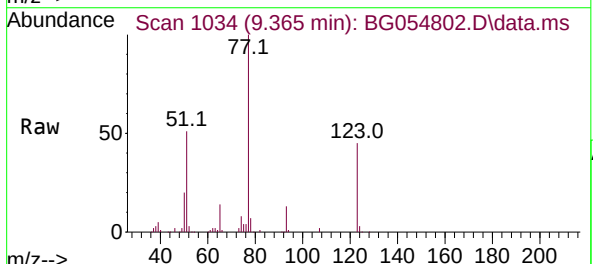
RT: 9.365 min Scan# 1034

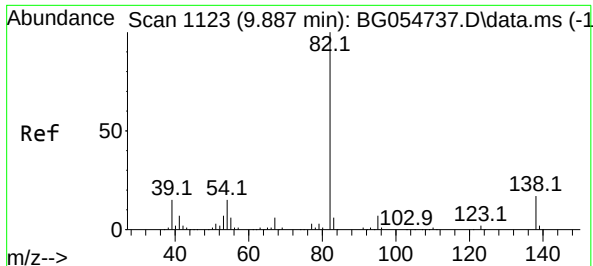
Delta R.T. -0.005 min

Lab File: BG054802.D

Acq: 31 Aug 2022 11:39

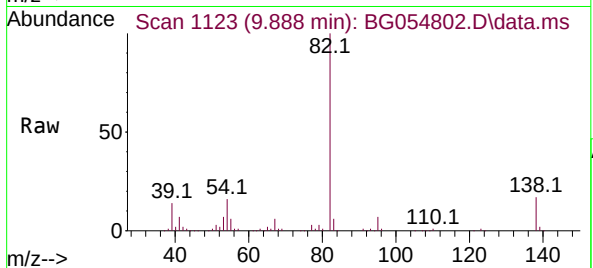
Tgt Ion:	77	Resp:	149432
Ion Ratio	Lower	Upper	
77	100		
123	45.2	35.0	52.6
65	13.9	10.2	15.2





#25
Isophorone
Concen: 45.300 ng
RT: 9.888 min Scan# 1123
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

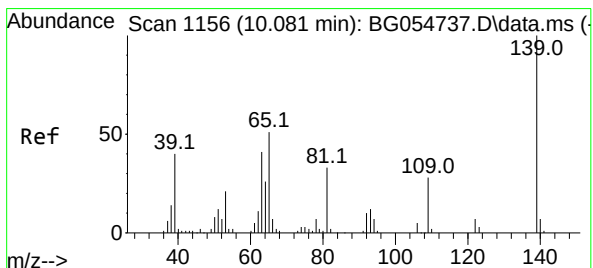
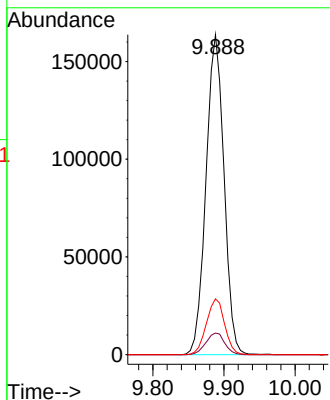
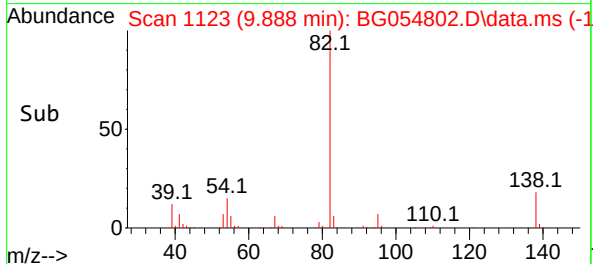
Instrument :
BNA_G
ClientSampleId :
PB147287BS



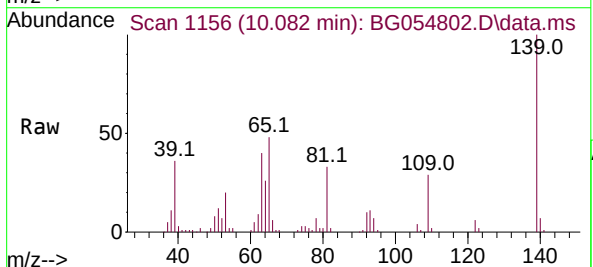
Tgt Ion: 82 Resp: 28725
Ion Ratio Lower Upper
82 100
95 6.7 5.6 8.4
138 17.4 13.9 20.9

Manual Integrations
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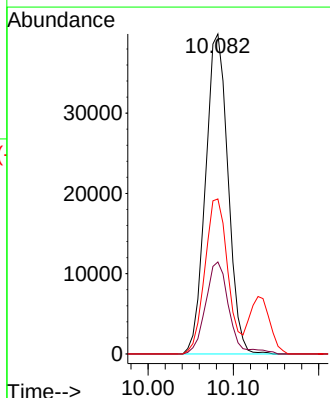
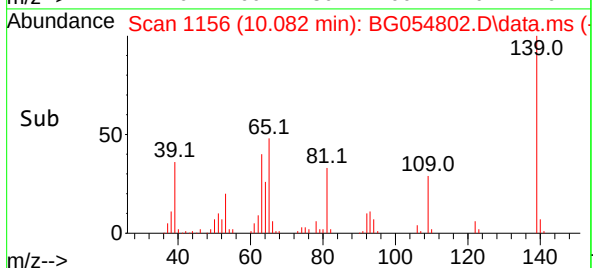
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

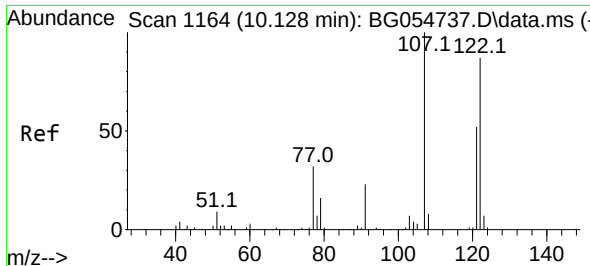


#26
2-Nitrophenol
Concen: 48.220 ng
RT: 10.082 min Scan# 1156
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39



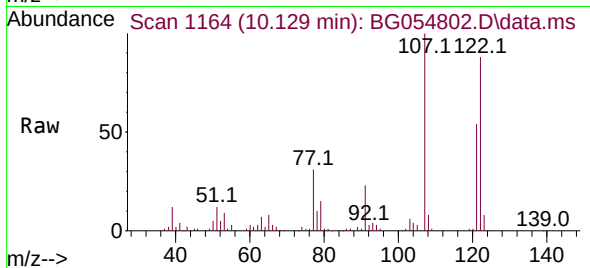
Tgt Ion:139 Resp: 73013
Ion Ratio Lower Upper
139 100
109 28.8 21.8 32.6
65 48.4 37.4 56.0





#27
2,4-Dimethylphenol
Concen: 53.825 ng
RT: 10.129 min Scan# 1164
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

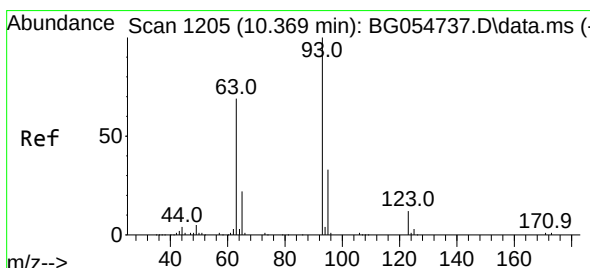
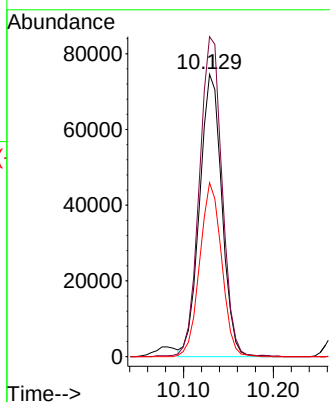
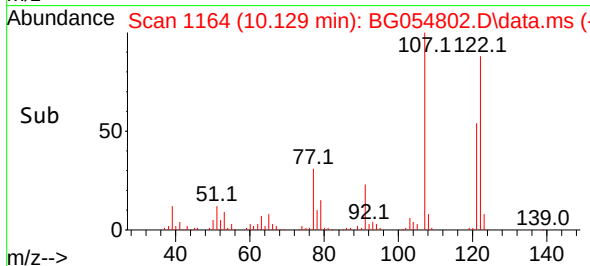
Instrument :
BNA_G
ClientSampleId :
PB147287BS



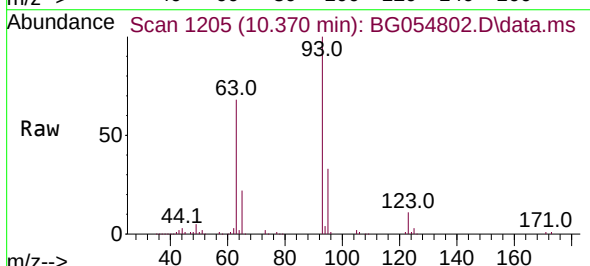
Tgt Ion:122 Resp: 129132
Ion Ratio Lower Upper
122 100
107 113.3 94.6 142.0
121 61.5 49.8 74.6

Manual Integrations
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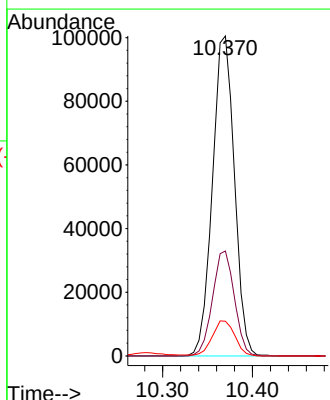
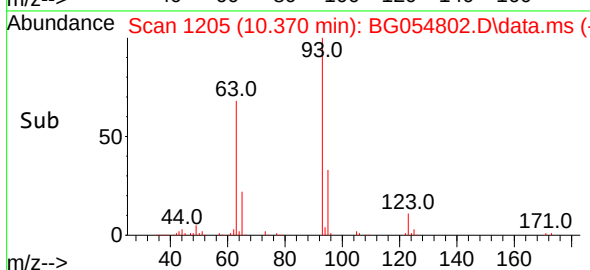
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

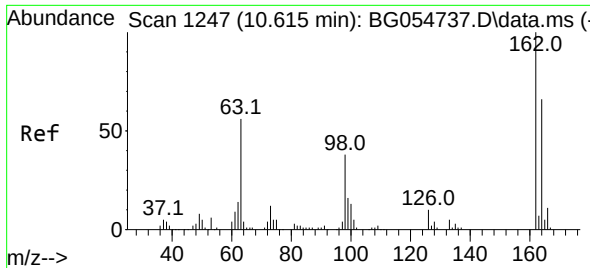


#28
bis(2-Chloroethoxy)methane
Concen: 47.346 ng
RT: 10.370 min Scan# 1205
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39



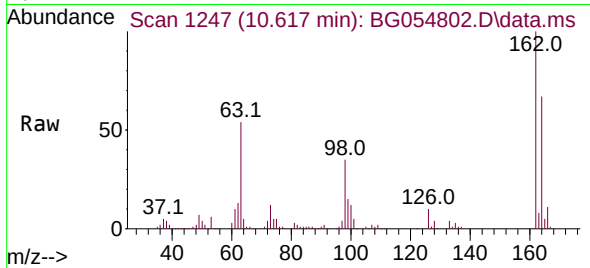
Tgt Ion: 93 Resp: 171080
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.2
123 10.8 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 47.872 ng
RT: 10.617 min Scan# 1247
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

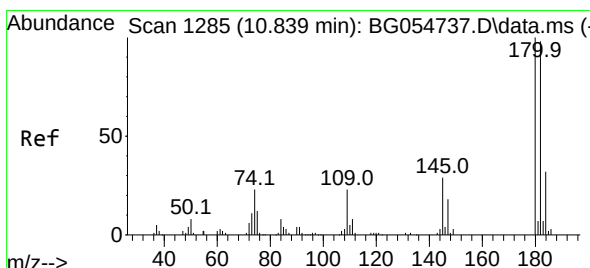
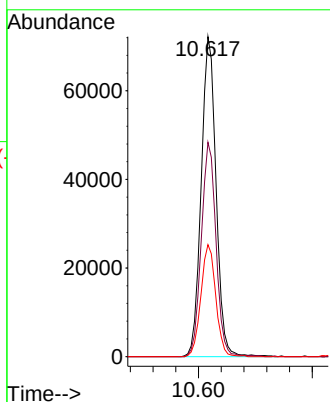
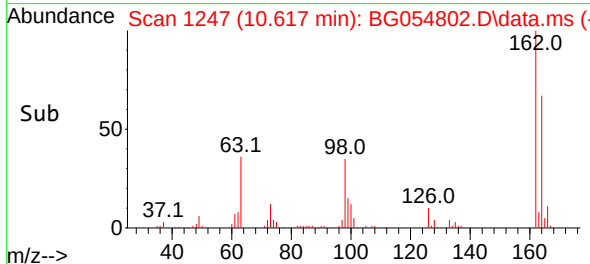
Instrument :
BNA_G
ClientSampleId :
PB147287BS



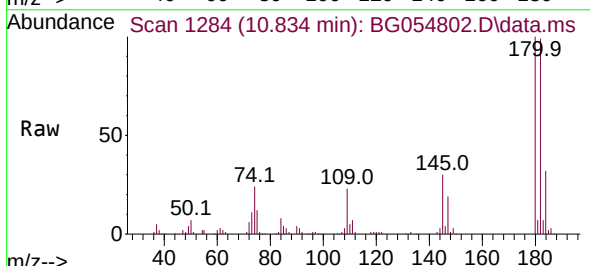
Tgt Ion:162 Resp: 130631
Ion Ratio Lower Upper
162 100
164 67.0 47.2 87.2
98 35.0 16.6 56.6

Manual Integrations
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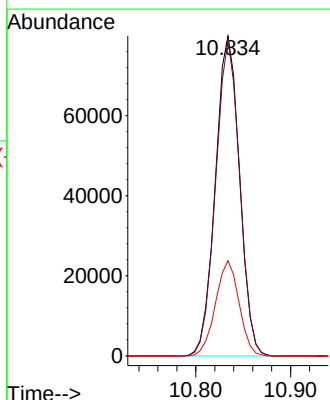
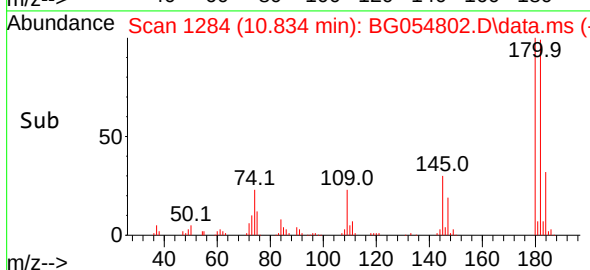
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

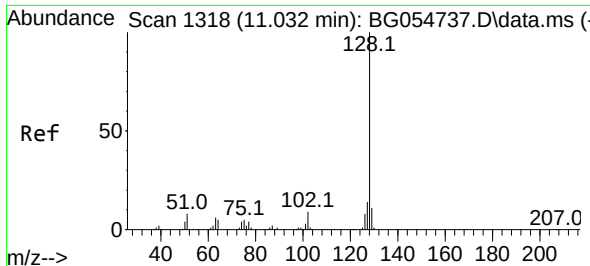


#30
1,2,4-Trichlorobenzene
Concen: 45.318 ng
RT: 10.834 min Scan# 1284
Delta R.T. -0.005 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39



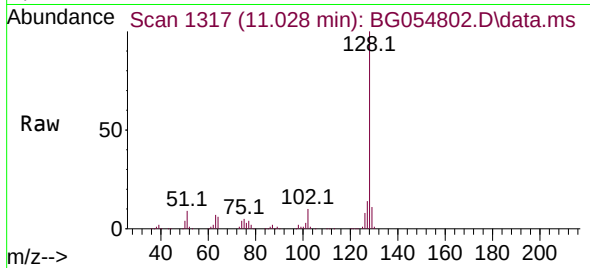
Tgt Ion:180 Resp: 141319
Ion Ratio Lower Upper
180 100
182 98.8 77.0 115.6
145 29.8 24.0 36.0





#31
Naphthalene
Concen: 43.793 ng
RT: 11.028 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

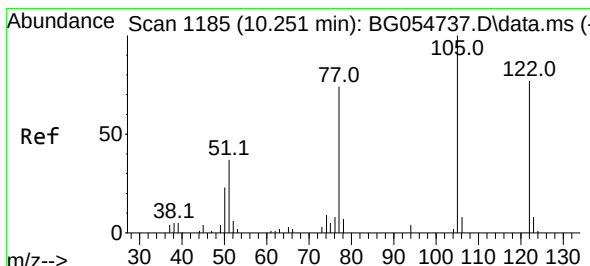
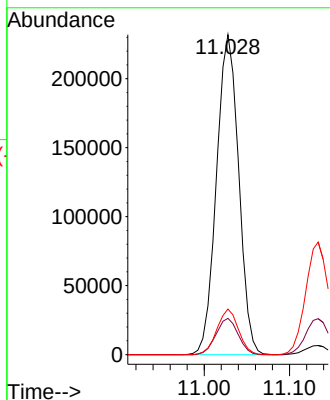
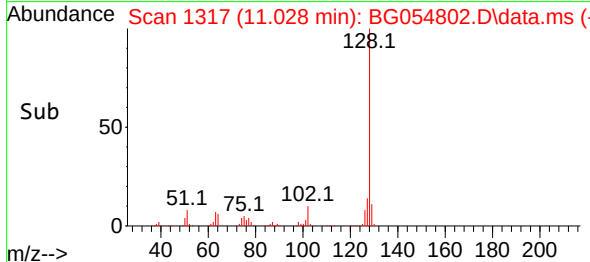
Instrument :
BNA_G
ClientSampleId :
PB147287BS



Tgt Ion:128 Resp: 419479
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 14.2 11.1 16.7

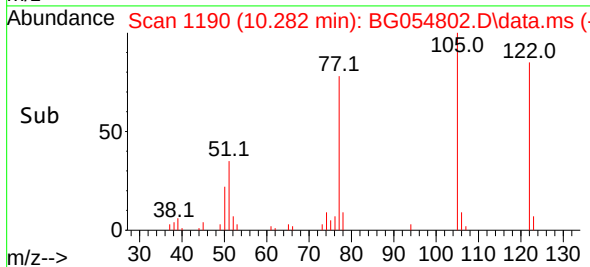
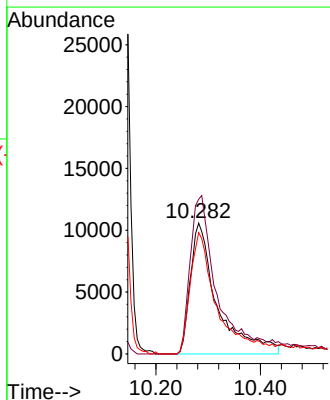
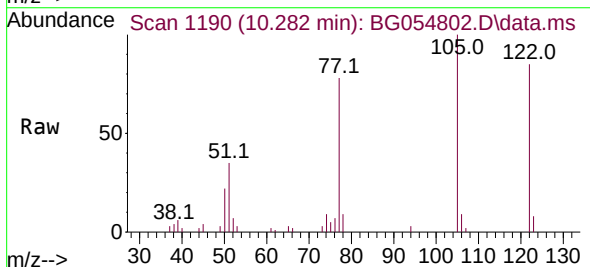
Manual Integrations
APPROVED

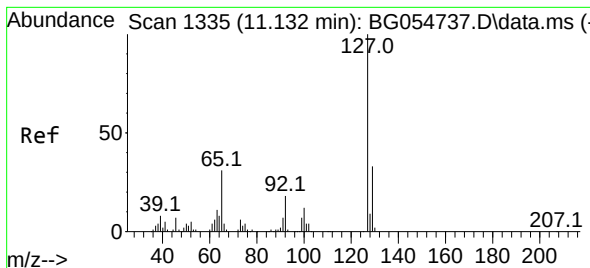
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#32
Benzoic acid
Concen: 26.383 ng m
RT: 10.282 min Scan# 1190
Delta R.T. 0.031 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Tgt Ion:122 Resp: 38000
Ion Ratio Lower Upper
122 100
105 118.2 101.5 141.5
77 92.8 69.3 109.3





#33
4-Chloroaniline
Concen: 40.049 ng
RT: 11.134 min Scan# 1335
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Instrument :

BNA_G

ClientSampleId :

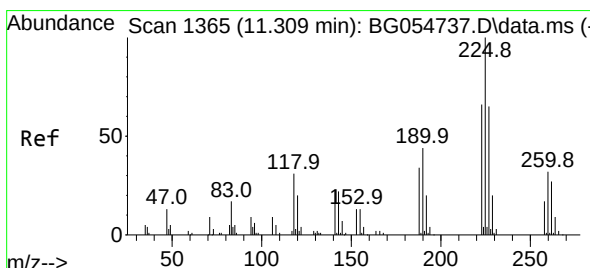
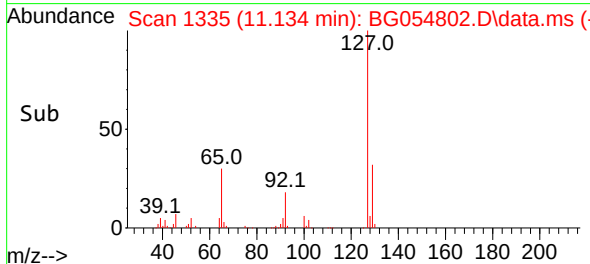
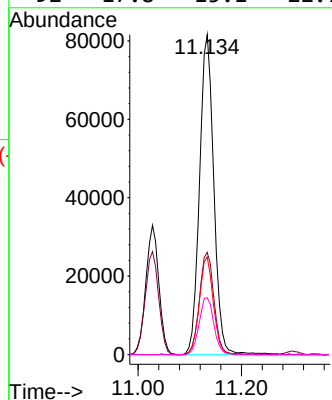
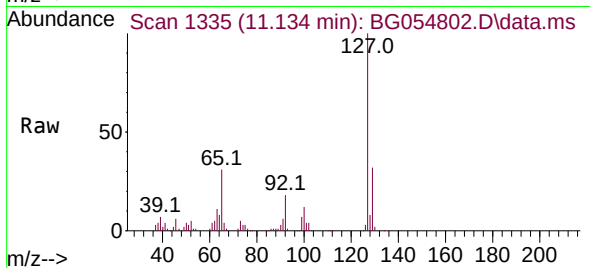
PB147287BS

Tgt Ion:127 Resp: 156394
Ion Ratio Lower Upper
127 100
129 31.9 26.0 39.0
65 30.5 25.8 38.8
92 17.8 15.1 22.7

Manual Integrations

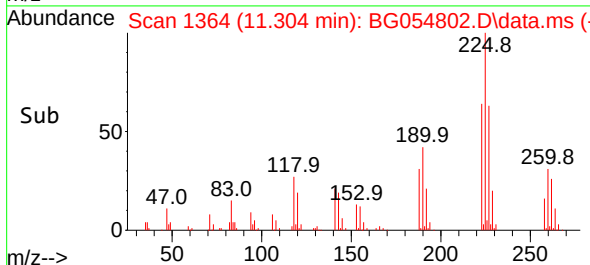
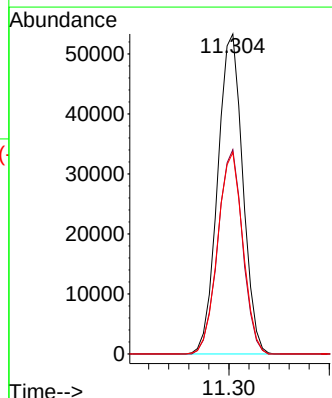
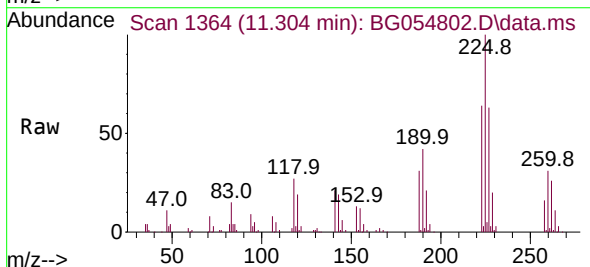
APPROVED

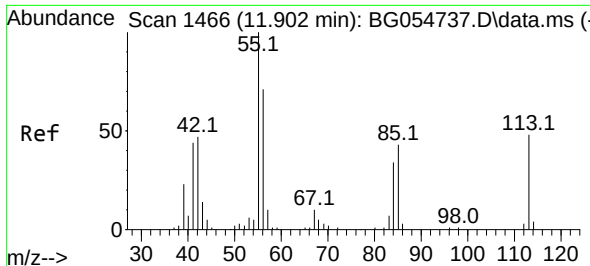
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#34
Hexachlorobutadiene
Concen: 46.327 ng
RT: 11.304 min Scan# 1364
Delta R.T. -0.005 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Tgt Ion:225 Resp: 92559
Ion Ratio Lower Upper
225 100
223 63.8 51.4 77.0
227 62.9 52.6 79.0





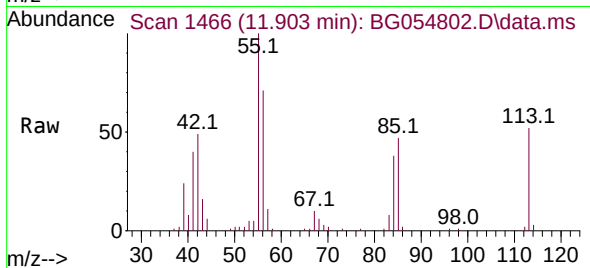
#35
 Caprolactam
 Concen: 47.427 ng m
 RT: 11.903 min Scan# 1466
 Delta R.T. 0.001 min
 Lab File: BG054802.D
 Acq: 31 Aug 2022 11:39

Instrument :

BNA_G

ClientSampleId :

PB147287BS

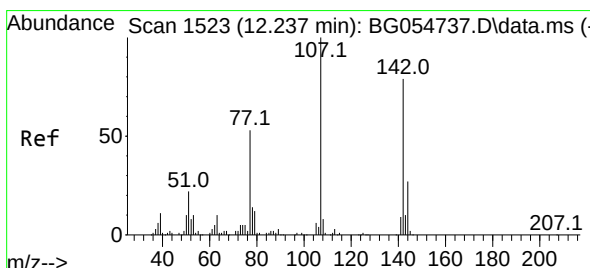
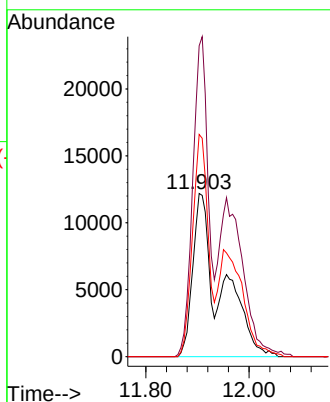
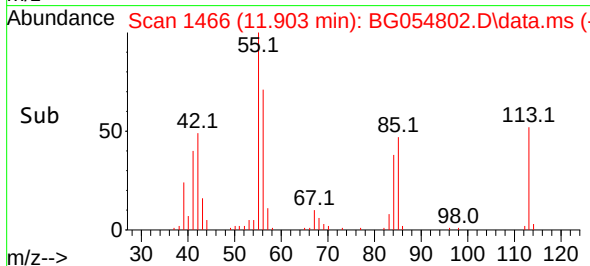


Tgt Ion:113 Resp: 45658
 Ion Ratio Lower Upper
 113 100
 55 190.5 179.1 219.1
 56 136.2 120.8 160.8

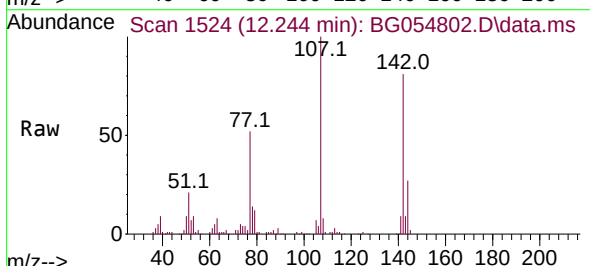
Manual Integrations

APPROVED

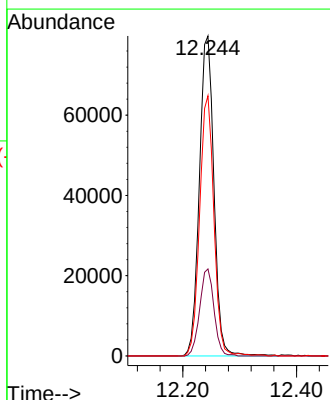
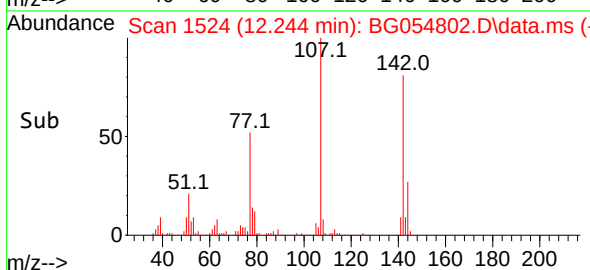
Reviewed By :Christian Giraldo 09/01/2022
 Supervised By :Jagrut Upadhyay 09/01/2022

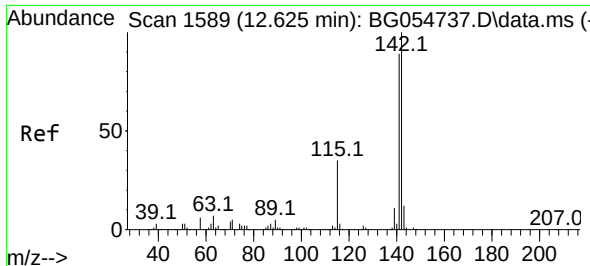


#36
 4-Chloro-3-methylphenol
 Concen: 47.361 ng
 RT: 12.244 min Scan# 1524
 Delta R.T. 0.007 min
 Lab File: BG054802.D
 Acq: 31 Aug 2022 11:39



Tgt Ion:107 Resp: 141324
 Ion Ratio Lower Upper
 107 100
 144 27.2 22.4 33.6
 142 81.3 65.8 98.8





#37
2-Methylnaphthalene
Concen: 43.890 ng
RT: 12.626 min Scan# 1589
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Instrument :

BNA_G

ClientSampleId :

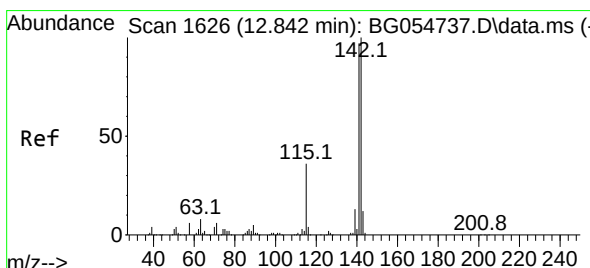
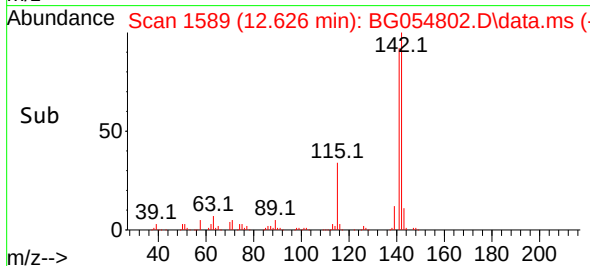
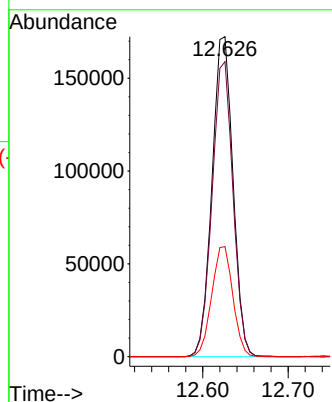
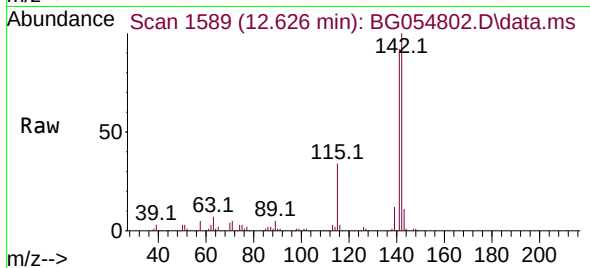
PB147287BS

Tgt Ion:142 Resp: 294652
Ion Ratio Lower Upper
142 100
141 92.2 73.0 109.4
115 34.4 27.3 40.9

Manual Integrations

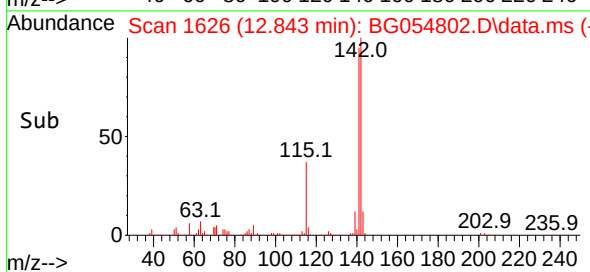
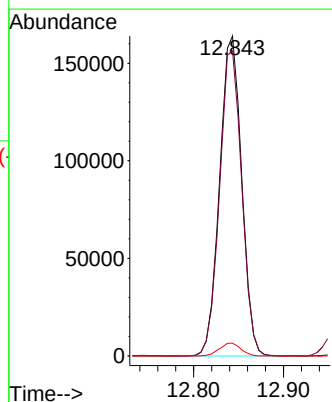
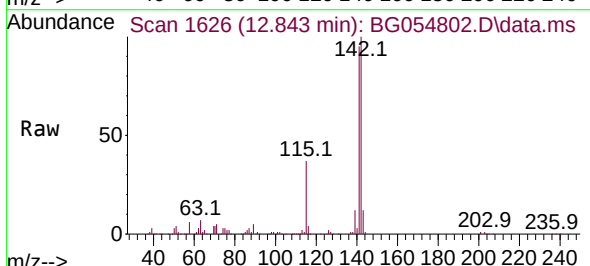
APPROVED

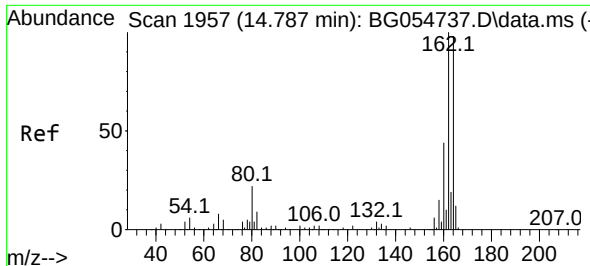
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#38
1-Methylnaphthalene
Concen: 42.852 ng
RT: 12.843 min Scan# 1626
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

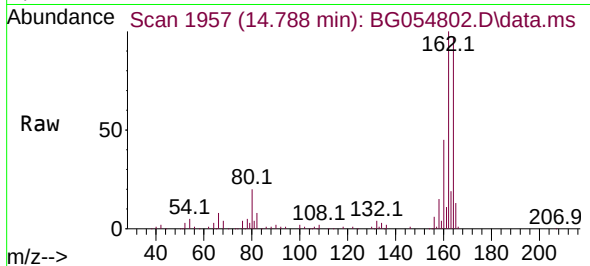
Tgt Ion:142 Resp: 279904
Ion Ratio Lower Upper
142 100
141 95.3 77.4 116.0
116 4.0 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.788 min Scan# 1957
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

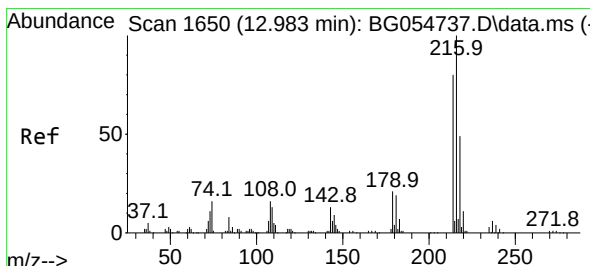
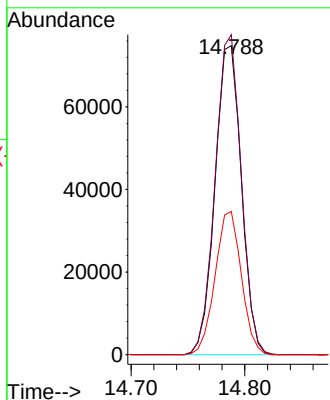
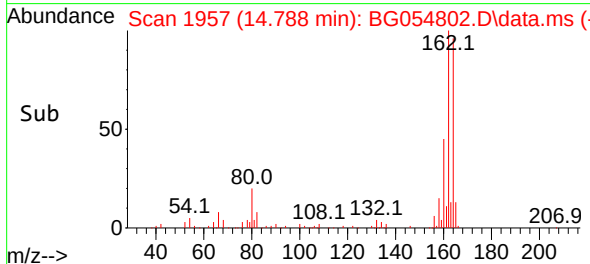
Instrument :
BNA_G
ClientSampleId :
PB147287BS



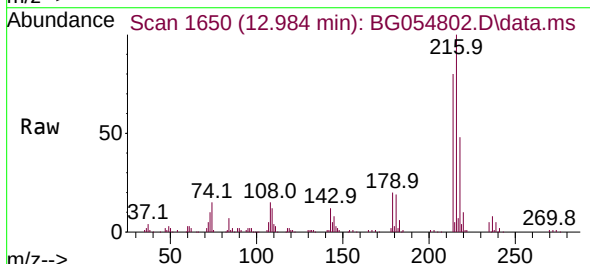
Tgt Ion:164 Resp: 120539
Ion Ratio Lower Upper
164 100
162 103.6 83.0 124.4
160 46.3 38.0 57.0

Manual Integrations
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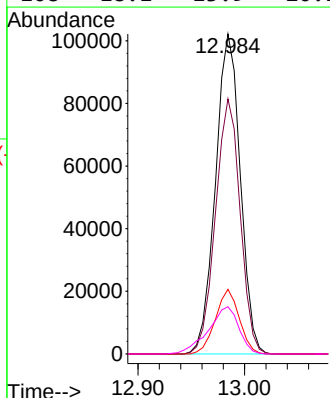
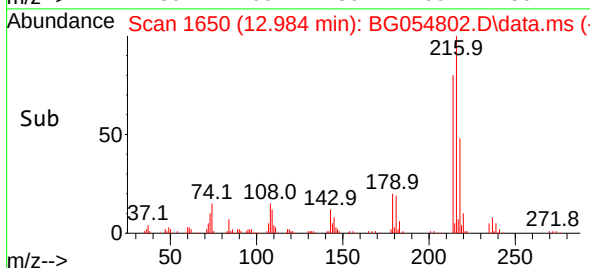
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

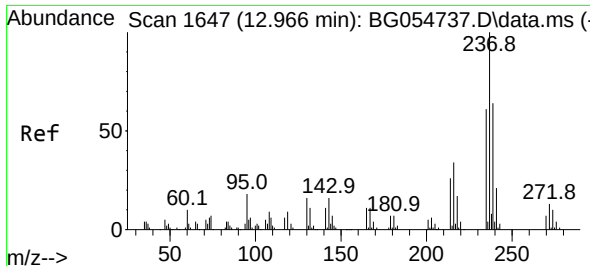


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.497 ng
RT: 12.984 min Scan# 1650
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39



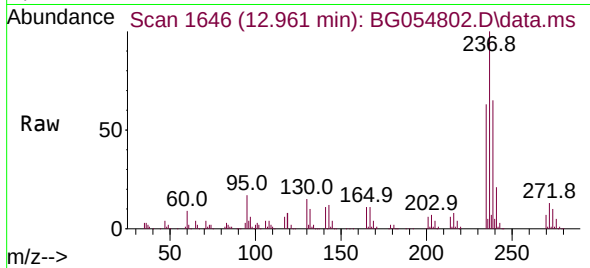
Tgt Ion:216 Resp: 165317
Ion Ratio Lower Upper
216 100
214 79.1 63.2 94.8
179 19.3 16.5 24.7
108 18.1 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 103.275 ng
RT: 12.961 min Scan# 1646
Delta R.T. -0.005 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

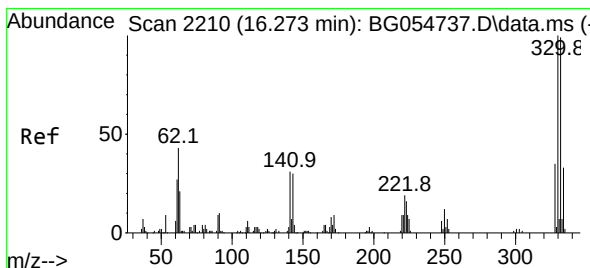
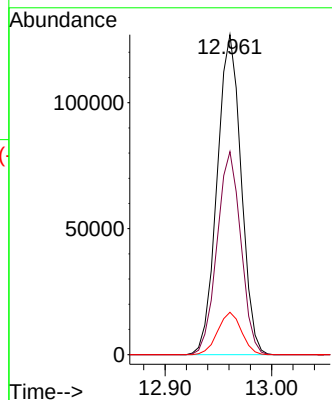
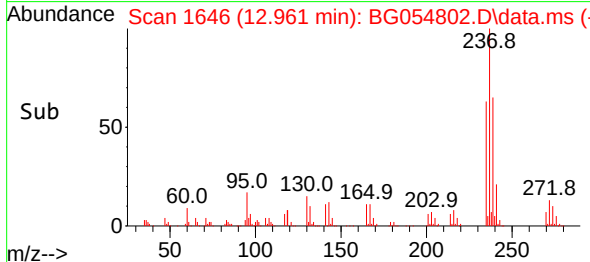
Instrument :
BNA_G
ClientSampleId :
PB147287BS



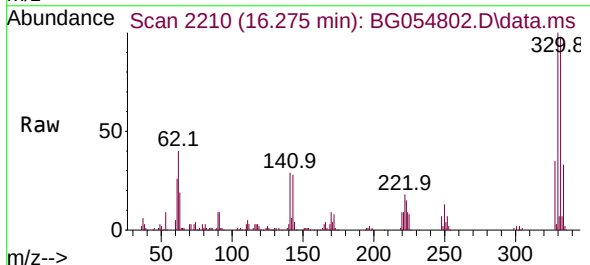
Tgt Ion:237 Resp: 19901
Ion Ratio Lower Upper
237 100
235 63.5 42.2 82.2
272 13.2 0.0 34.0

Manual Integrations
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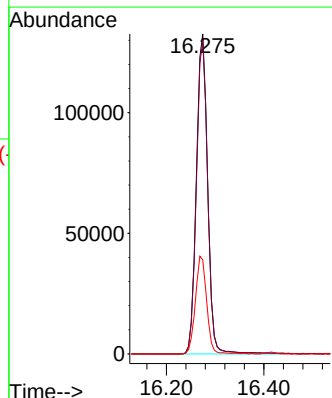
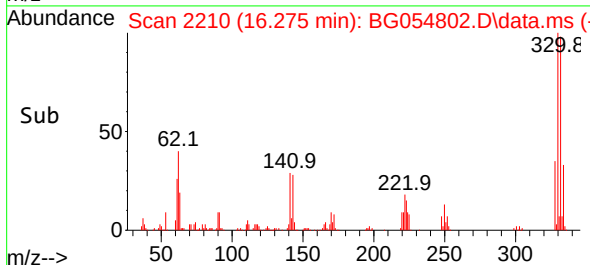
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

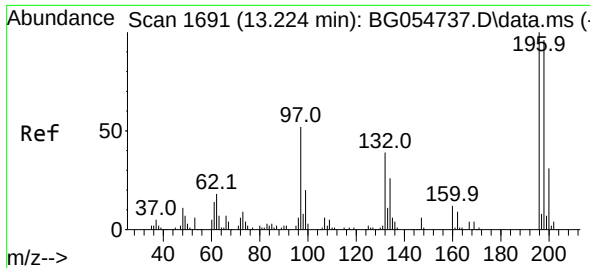


#42
2,4,6-Tribromophenol
Concen: 140.876 ng
RT: 16.275 min Scan# 2210
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39



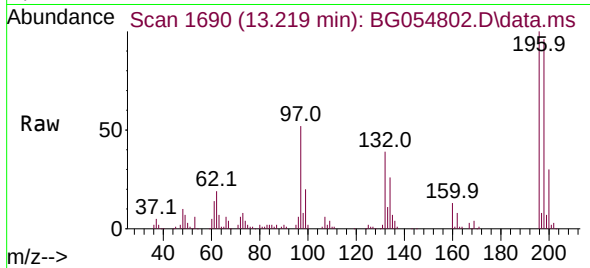
Tgt Ion:330 Resp: 212190
Ion Ratio Lower Upper
330 100
332 97.1 79.8 119.6
141 30.6 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 44.788 ng
RT: 13.219 min Scan# 1691
Delta R.T. -0.005 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

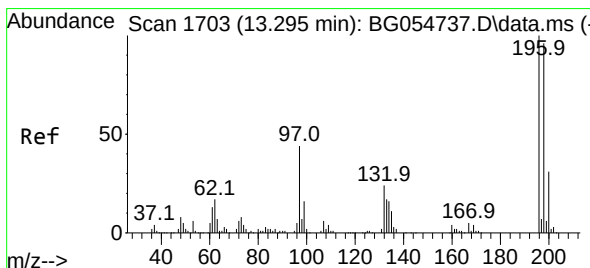
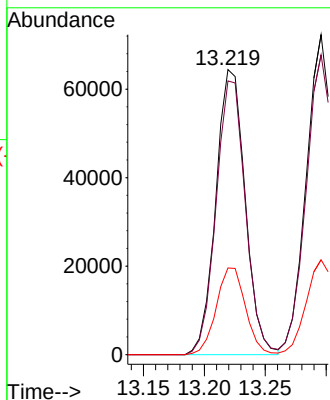
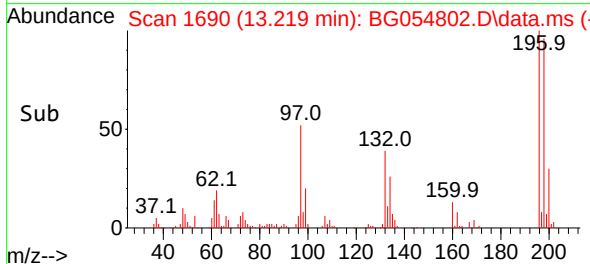
Instrument :
BNA_G
ClientSampleId :
PB147287BS



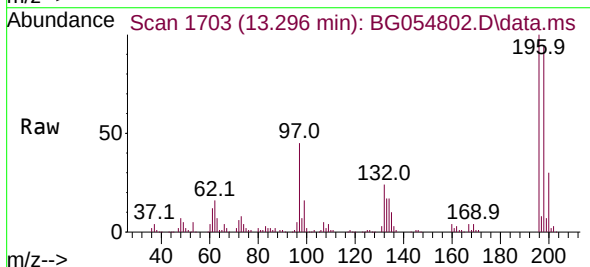
Tgt Ion:196 Resp: 108020
Ion Ratio Lower Upper
196 100
198 96.0 77.1 115.7
200 30.4 24.2 36.4

Manual Integrations
APPROVED

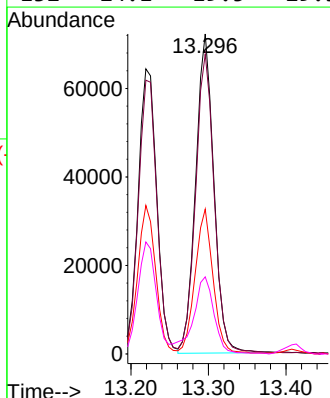
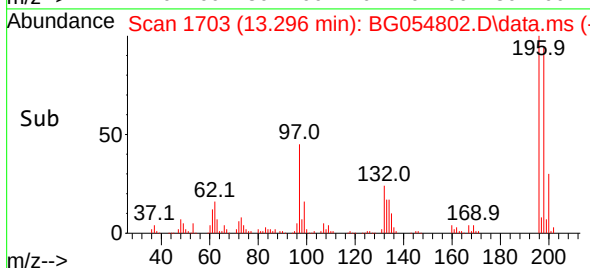
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

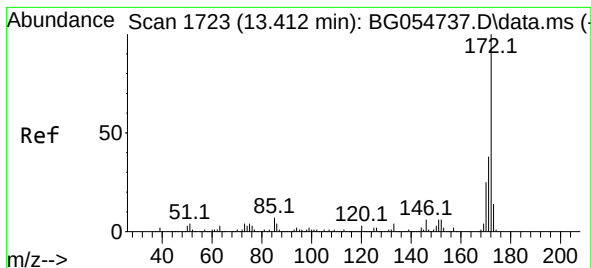


#44
2,4,5-Trichlorophenol
Concen: 43.407 ng
RT: 13.296 min Scan# 1703
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39



Tgt Ion:196 Resp: 117570
Ion Ratio Lower Upper
196 100
198 93.7 76.7 115.1
97 45.2 36.6 55.0
132 24.1 19.5 29.3





#45

2-Fluorobiphenyl

Concen: 83.741 ng

RT: 13.407 min Scan# 1722

Delta R.T. -0.005 min

Lab File: BG054802.D

Acq: 31 Aug 2022 11:39

Instrument :

BNA_G

ClientSampleId :

PB147287BS

Tgt Ion:172 Resp: 67159

Ion Ratio Lower Upper

172 100

171 38.3 31.2 46.8

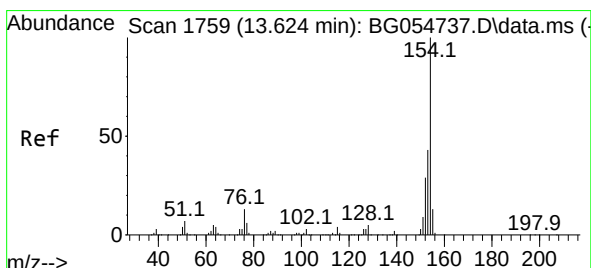
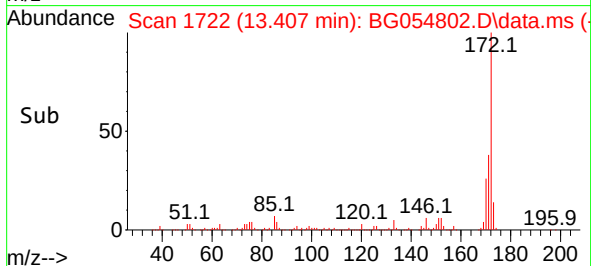
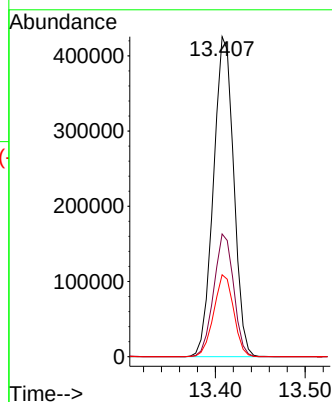
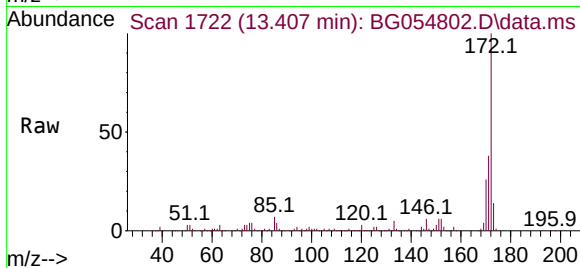
170 25.6 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/01/2022

Supervised By :Jagrut Upadhyay 09/01/2022



#46

1,1'-Biphenyl

Concen: 44.444 ng

RT: 13.619 min Scan# 1758

Delta R.T. -0.005 min

Lab File: BG054802.D

Acq: 31 Aug 2022 11:39

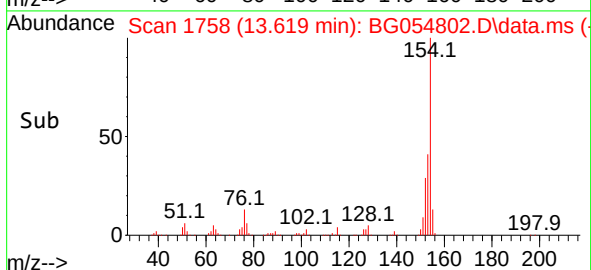
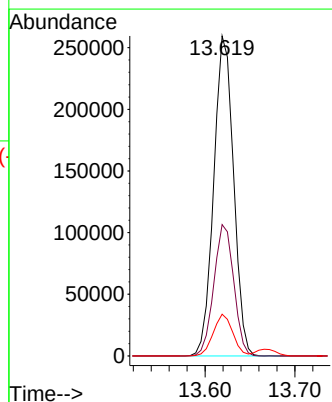
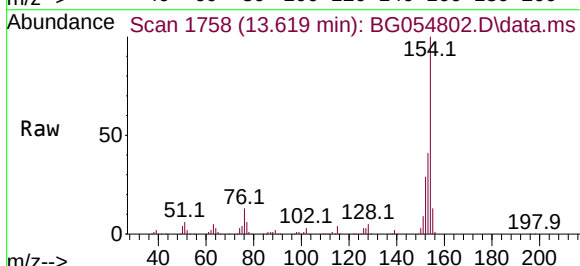
Tgt Ion:154 Resp: 397832

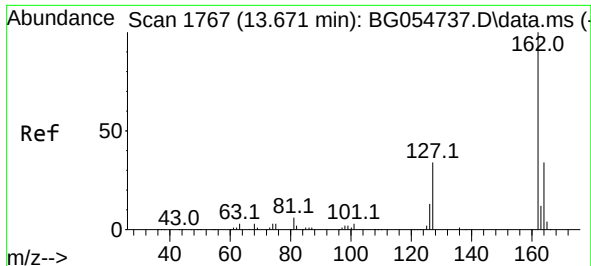
Ion Ratio Lower Upper

154 100

153 41.0 22.2 62.2

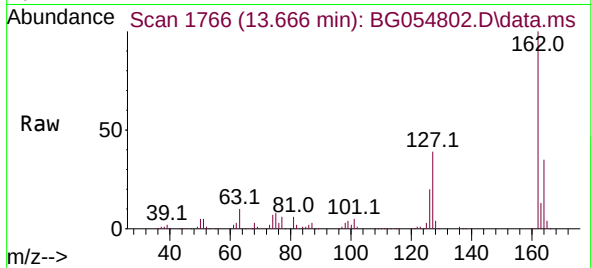
76 13.0 0.0 34.0





#47
2-Chloronaphthalene
Concen: 42.734 ng
RT: 13.666 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

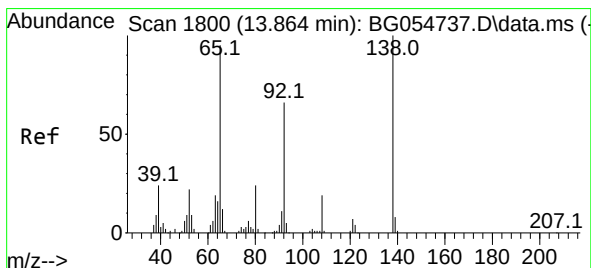
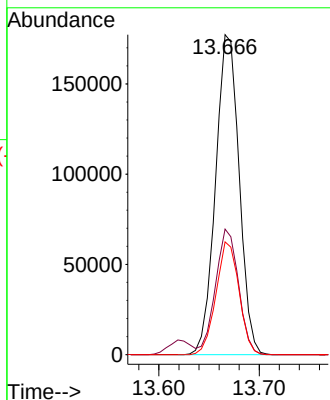
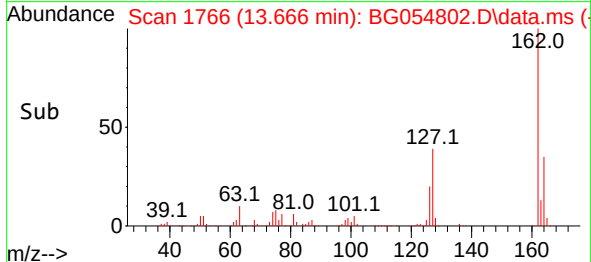
Instrument :
BNA_G
ClientSampleId :
PB147287BS



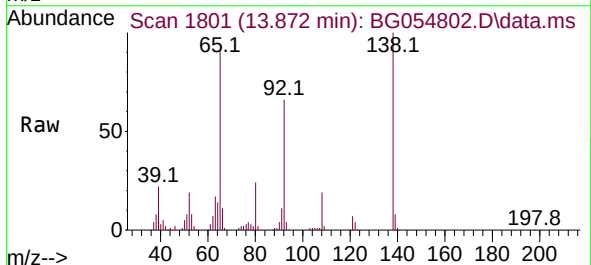
Tgt Ion:162 Resp: 290509
Ion Ratio Lower Upper
162 100
127 39.2 31.5 47.3
164 35.2 27.8 41.6

Manual Integrations
APPROVED

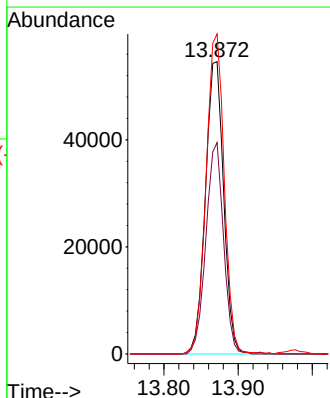
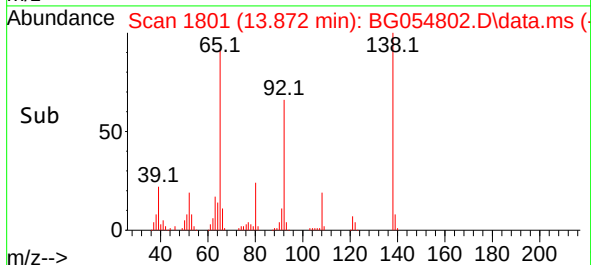
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

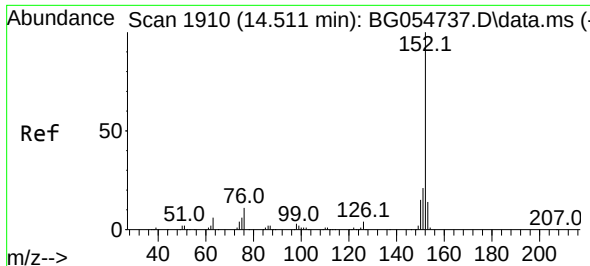


#48
2-Nitroaniline
Concen: 43.837 ng
RT: 13.872 min Scan# 1801
Delta R.T. 0.007 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39



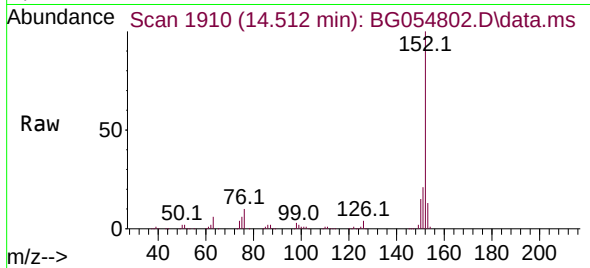
Tgt Ion: 65 Resp: 93394
Ion Ratio Lower Upper
65 100
92 72.3 54.7 82.1
138 109.5 84.1 126.1





#49
Acenaphthylene
Concen: 43.417 ng
RT: 14.512 min Scan# 1910
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

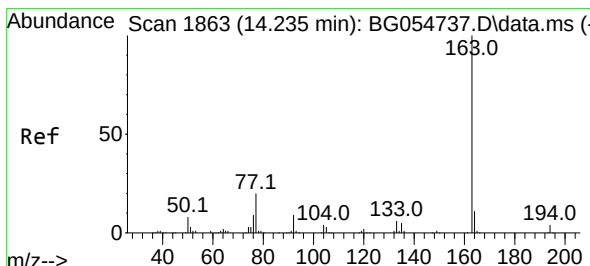
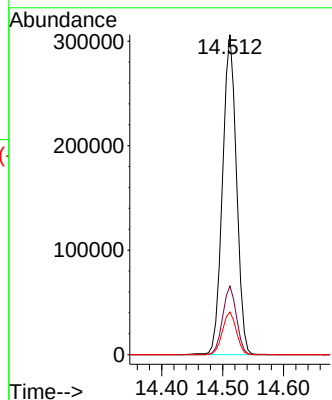
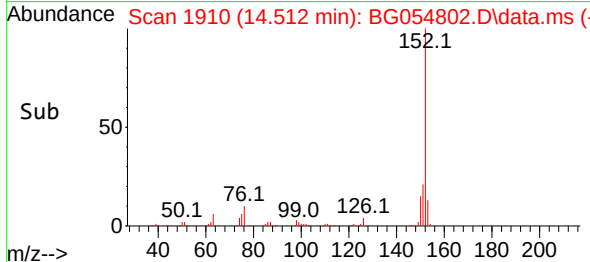
Instrument :
BNA_G
ClientSampleId :
PB147287BS



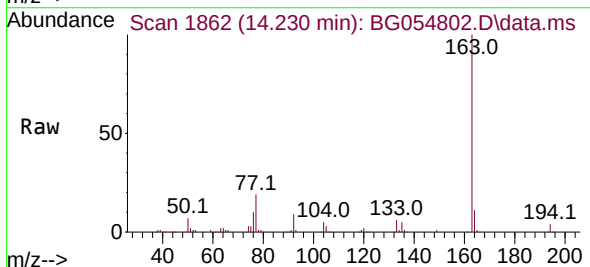
Tgt Ion:152 Resp: 487056
Ion Ratio Lower Upper
152 100
151 21.4 17.3 25.9
153 13.3 10.8 16.2

Manual Integrations
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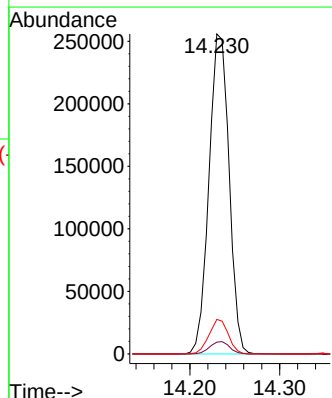
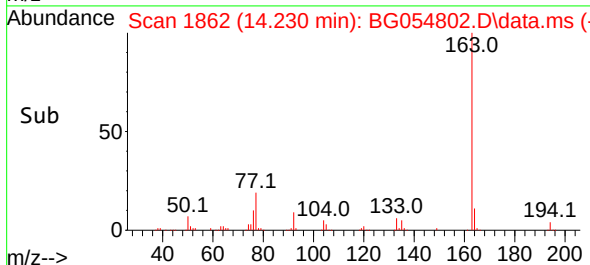
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

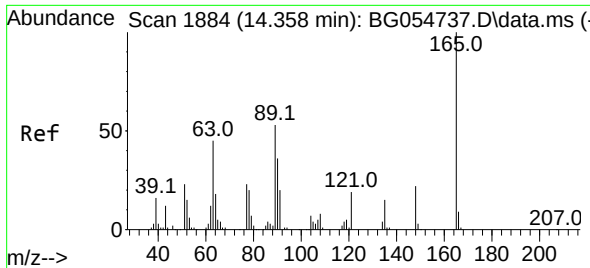


#50
Dimethylphthalate
Concen: 42.905 ng
RT: 14.230 min Scan# 1862
Delta R.T. -0.005 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39



Tgt Ion:163 Resp: 398437
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.8 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 45.310 ng
RT: 14.359 min Scan# 1884
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Instrument :

BNA_G

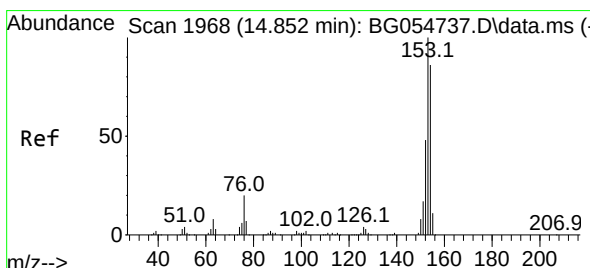
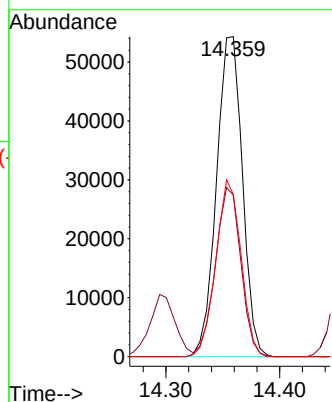
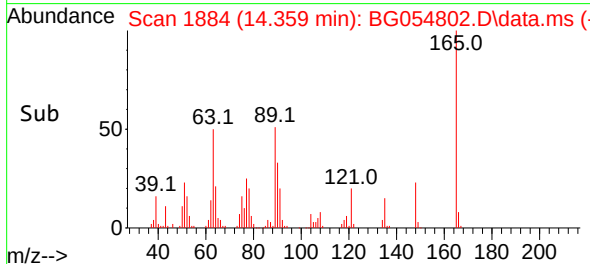
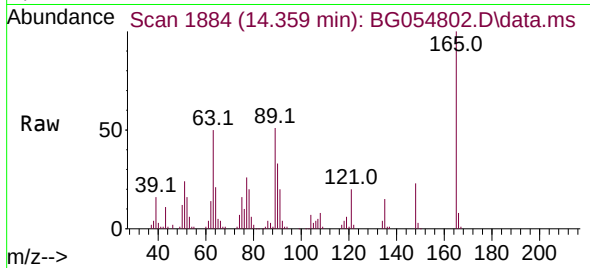
ClientSampleId :

PB147287BS

Tgt Ion:165 Resp: 86063
Ion Ratio Lower Upper
165 100
63 50.4 46.0 69.0
89 50.7 50.3 75.5

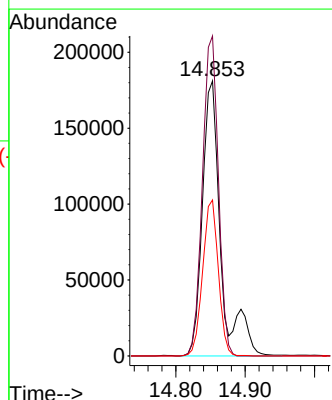
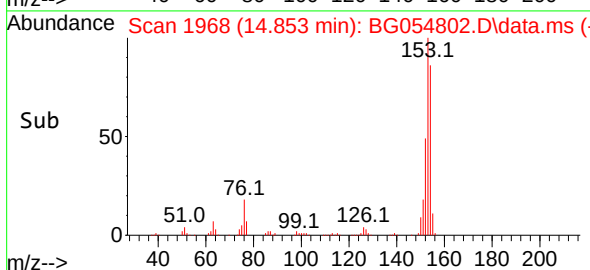
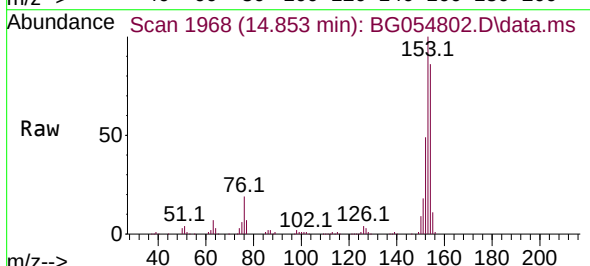
Manual Integrations
APPROVED

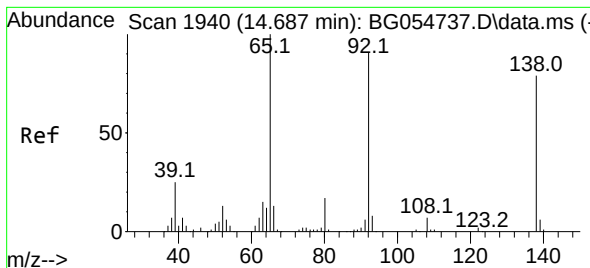
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#52
Acenaphthene
Concen: 46.504 ng m
RT: 14.853 min Scan# 1968
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Tgt Ion:154 Resp: 335110
Ion Ratio Lower Upper
154 100
153 116.4 92.8 139.2
152 56.7 45.4 68.2





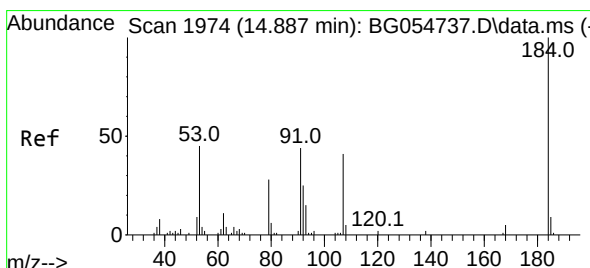
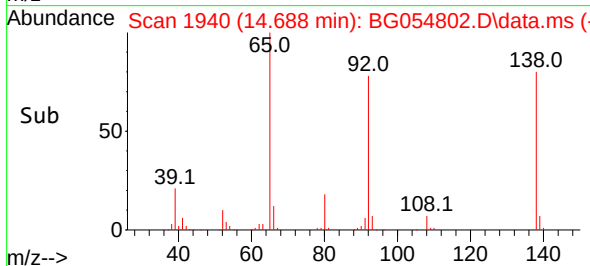
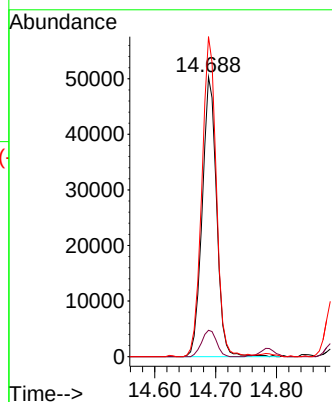
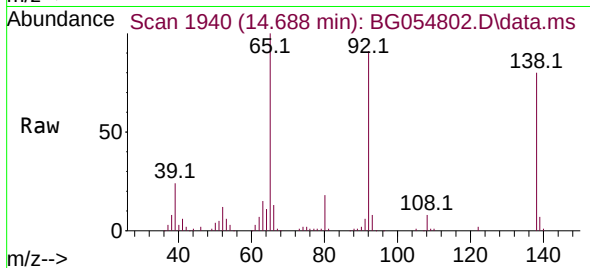
#53
3-Nitroaniline
Concen: 38.586 ng
RT: 14.688 min Scan# 1940
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Instrument :
BNA_G
ClientSampleId :
PB147287BS

Tgt Ion:138 Resp: 8204
Ion Ratio Lower Upper
138 100
108 9.4 7.6 11.4
92 114.4 96.0 144.0

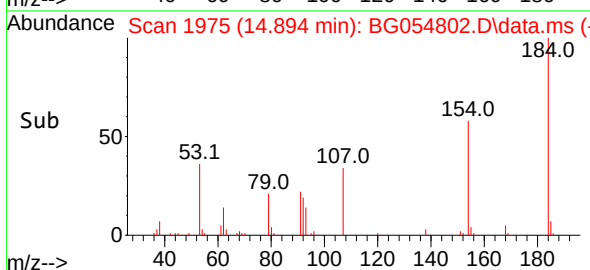
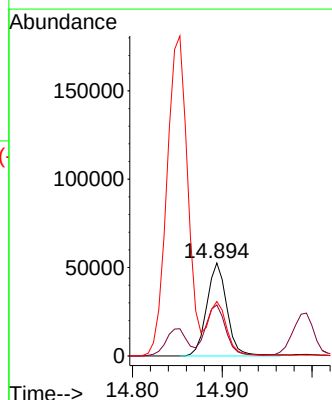
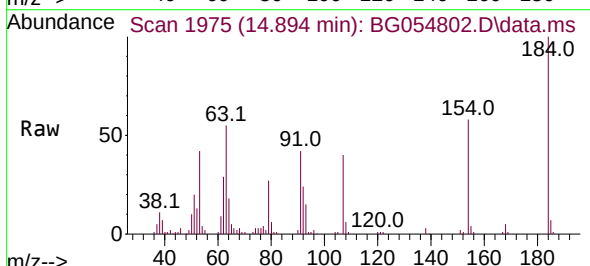
Manual Integrations
APPROVED

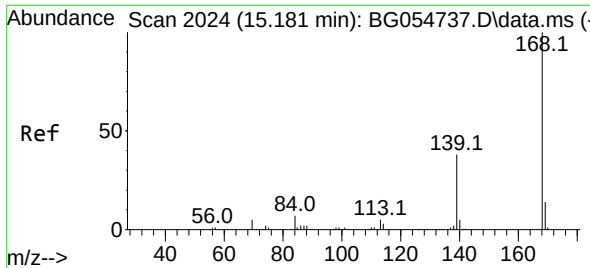
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#54
2,4-Dinitrophenol
Concen: 76.571 ng
RT: 14.894 min Scan# 1975
Delta R.T. 0.007 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

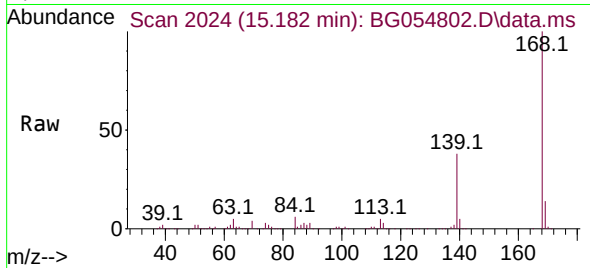
Tgt Ion:184 Resp: 81746
Ion Ratio Lower Upper
184 100
63 54.9 41.8 62.8
154 58.4 45.2 67.8





#55
Dibenzofuran
Concen: 43.228 ng
RT: 15.182 min Scan# 20
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

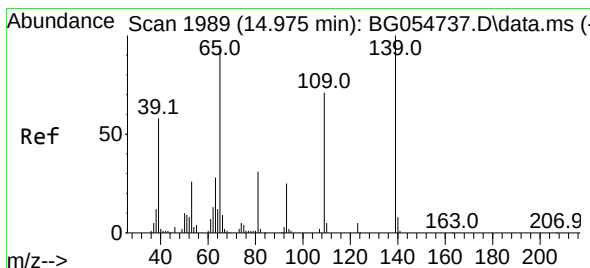
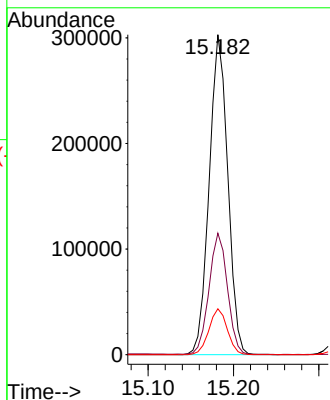
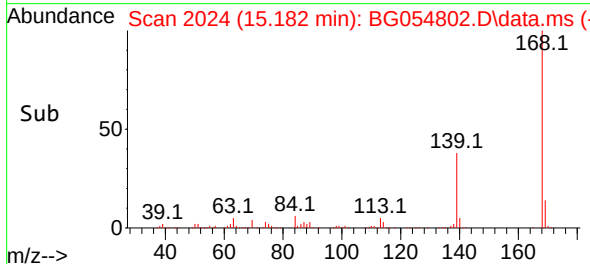
Instrument :
BNA_G
ClientSampleId :
PB147287BS



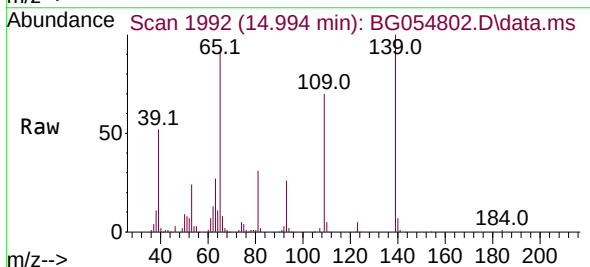
Tgt Ion:168 Resp: 457721
Ion Ratio Lower Upper
168 100
139 37.9 30.2 45.2
169 14.3 11.3 16.9

Manual Integrations
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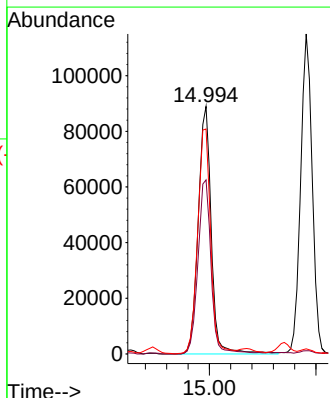
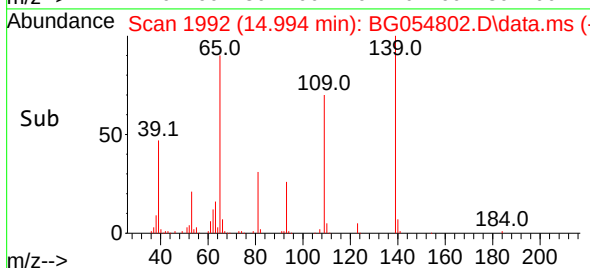
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

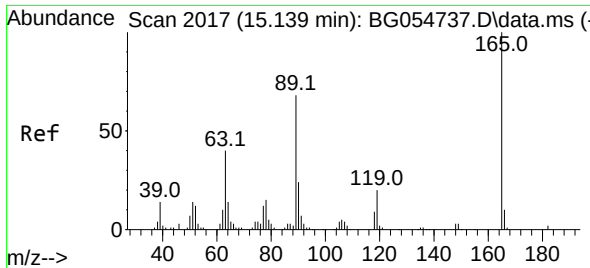


#56
4-Nitrophenol
Concen: 91.380 ng
RT: 14.994 min Scan# 1992
Delta R.T. 0.019 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39



Tgt Ion:139 Resp: 150365
Ion Ratio Lower Upper
139 100
109 70.3 50.5 90.5
65 90.9 79.9 119.9





#57
2,4-Dinitrotoluene
Concen: 46.252 ng
RT: 15.141 min Scan# 2017
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Instrument :

BNA_G

ClientSampleId :

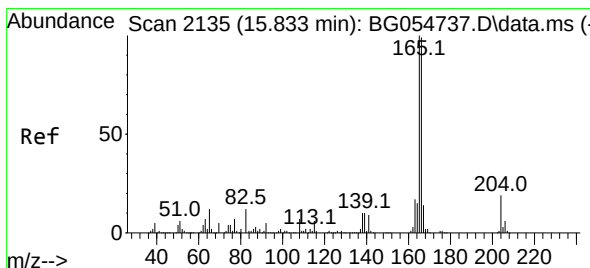
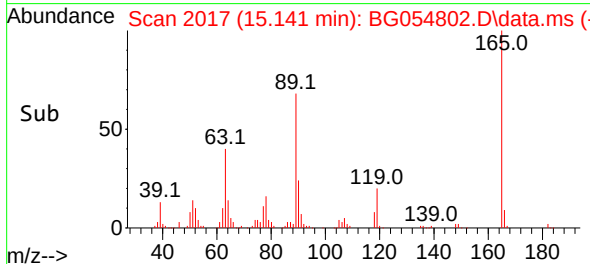
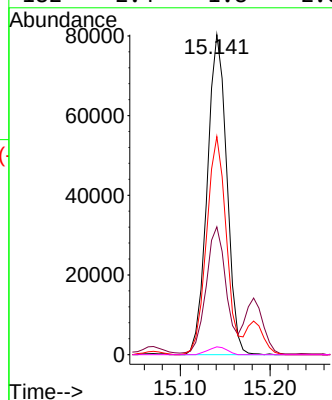
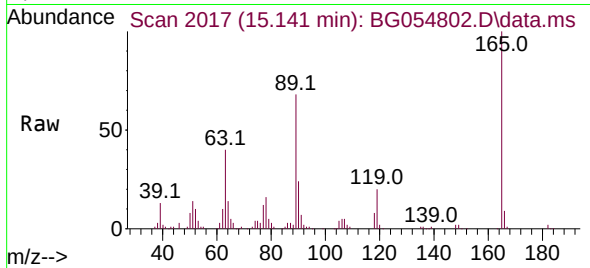
PB147287BS

Tgt Ion:165 Resp: 121516
Ion Ratio Lower Upper
165 100
63 39.9 36.8 55.2
89 68.1 64.3 96.5
182 2.4 1.8 2.6

Manual Integrations

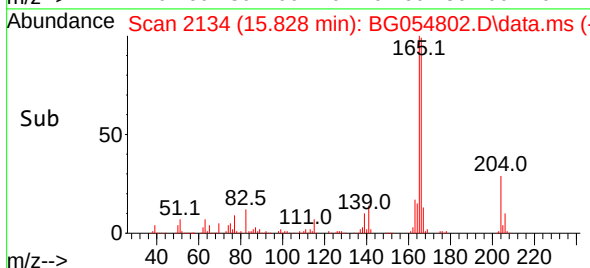
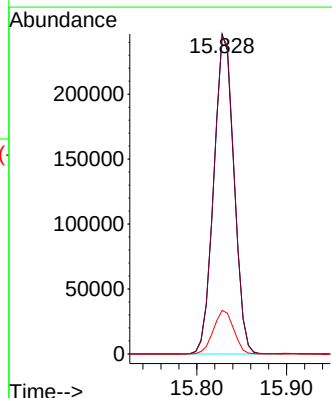
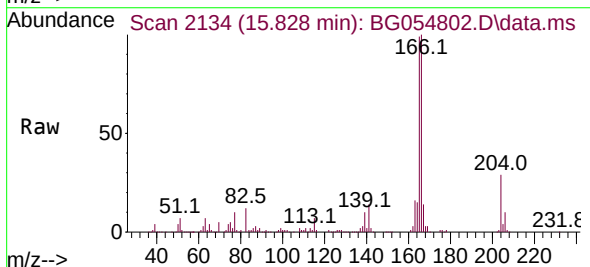
APPROVED

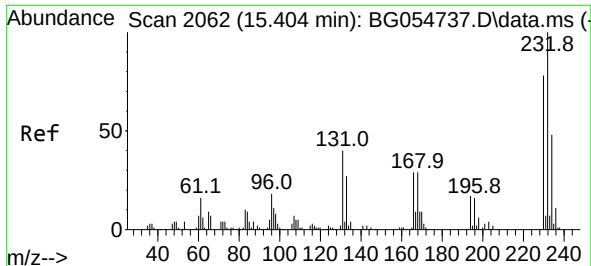
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#58
Fluorene
Concen: 43.022 ng
RT: 15.828 min Scan# 2134
Delta R.T. -0.005 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Tgt Ion:166 Resp: 383769
Ion Ratio Lower Upper
166 100
165 99.3 80.8 121.2
167 13.6 11.4 17.0





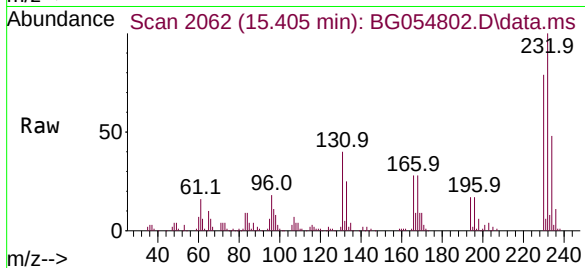
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.400 ng
RT: 15.405 min Scan# 2062
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Instrument :

BNA_G

ClientSampleId :

PB147287BS

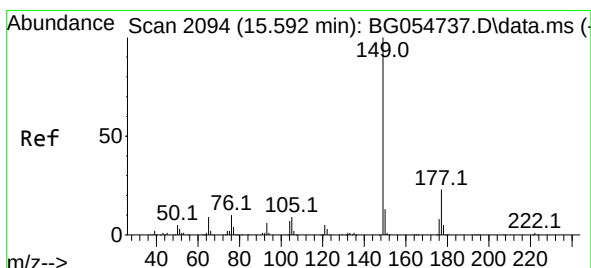
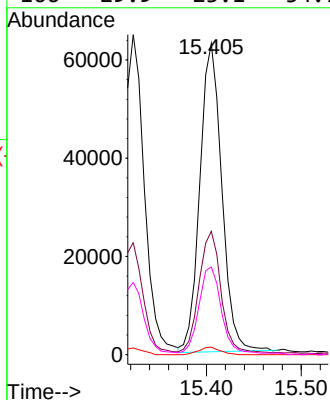
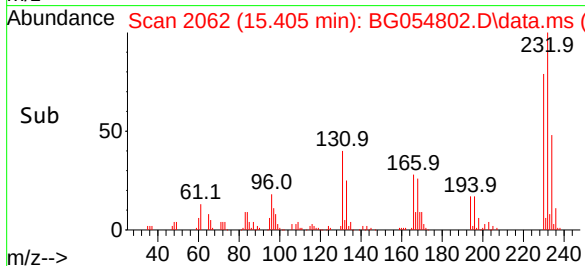


Tgt Ion:232 Resp: 101081
Ion Ratio Lower Upper
232 100
131 40.9 31.3 46.9
130 2.3 1.8 2.6
166 29.9 23.1 34.7

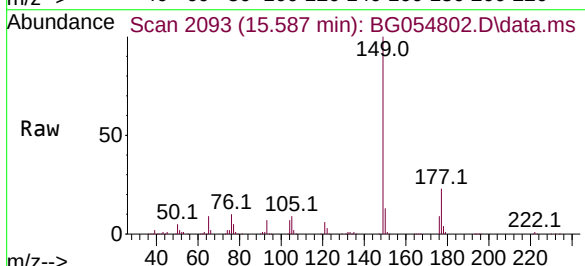
Manual Integrations

APPROVED

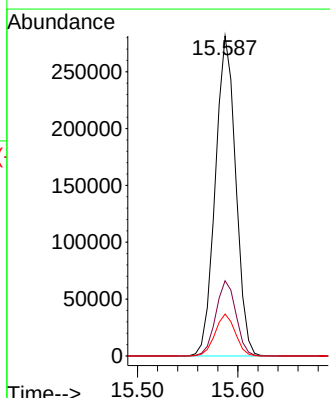
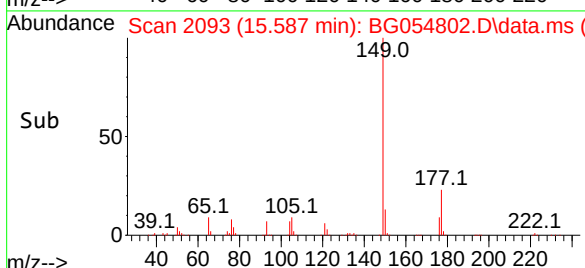
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

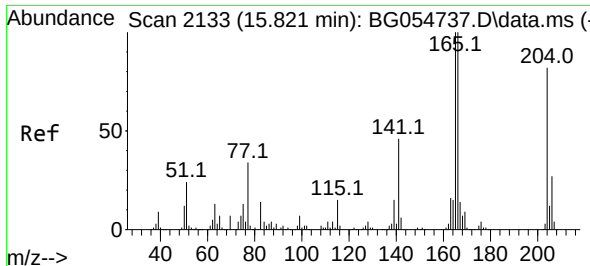


#60
Diethylphthalate
Concen: 42.970 ng
RT: 15.587 min Scan# 2093
Delta R.T. -0.005 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39



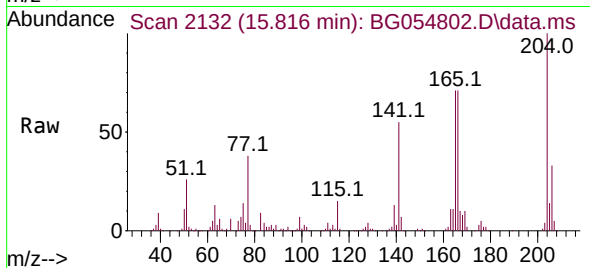
Tgt Ion:149 Resp: 398465
Ion Ratio Lower Upper
149 100
177 23.5 17.8 26.6
150 13.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 45.396 ng
RT: 15.816 min Scan# 2132
Delta R.T. -0.005 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

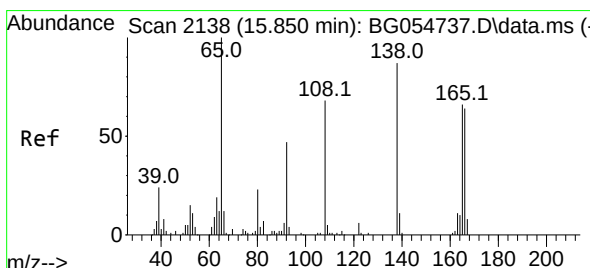
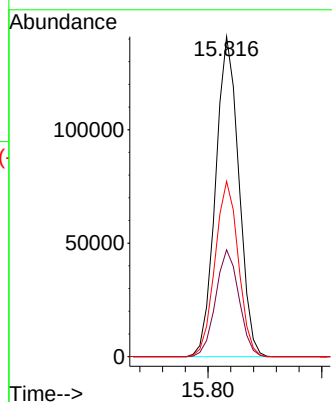
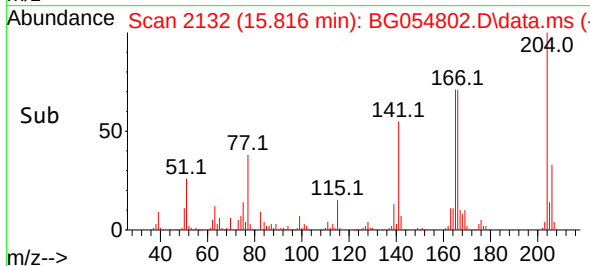
Instrument :
BNA_G
ClientSampleId :
PB147287BS



Tgt Ion:204 Resp: 199762
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 54.8 44.9 67.3

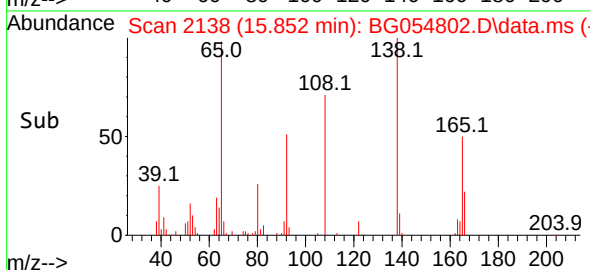
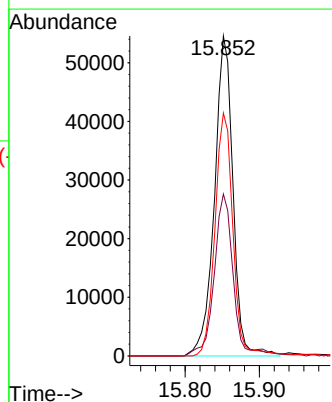
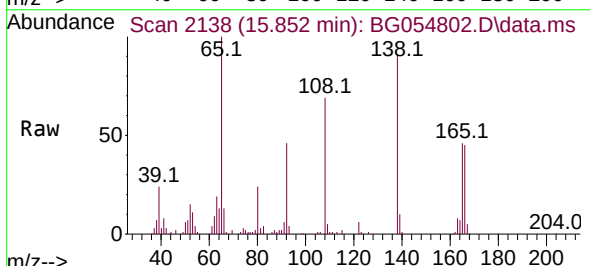
Manual Integrations
APPROVED

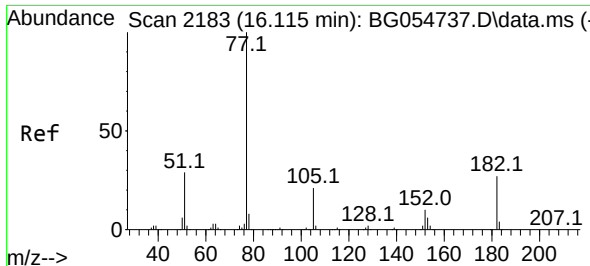
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#62
4-Nitroaniline
Concen: 43.548 ng
RT: 15.852 min Scan# 2138
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Tgt Ion:138 Resp: 94540
Ion Ratio Lower Upper
138 100
92 50.6 34.7 74.7
108 75.9 56.2 96.2





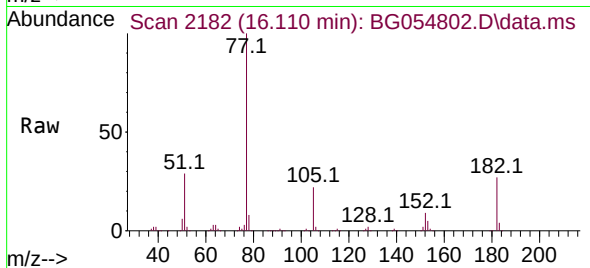
#63
Azobenzene
Concen: 40.710 ng
RT: 16.110 min Scan# 2183
Delta R.T. -0.005 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Instrument :

BNA_G

ClientSampleId :

PB147287BS

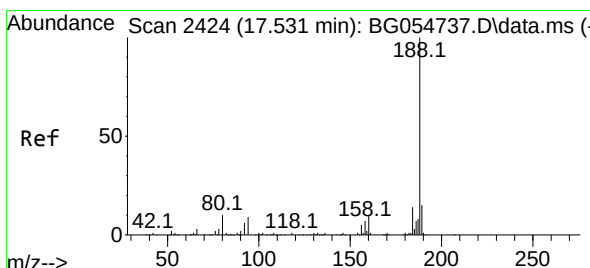
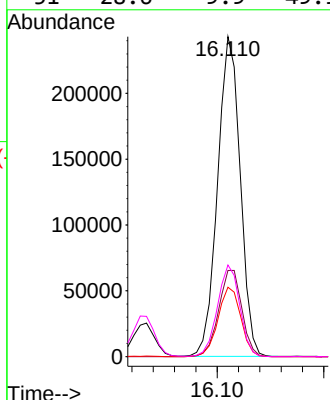
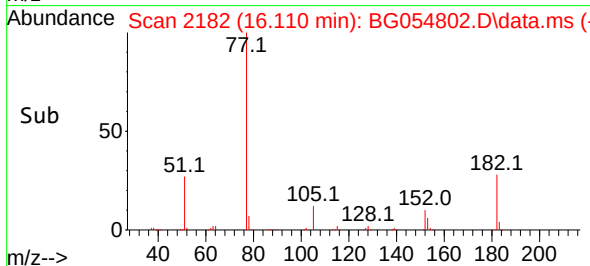


Tgt Ion: 77 Resp: 358773
Ion Ratio Lower Upper
77 100
182 26.9 5.1 45.1
105 21.7 0.7 40.7
51 28.6 9.9 49.9

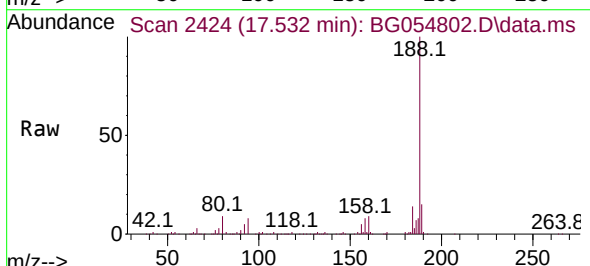
Manual Integrations

APPROVED

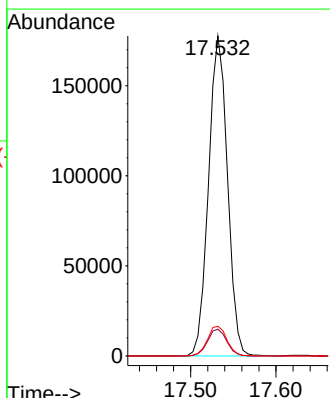
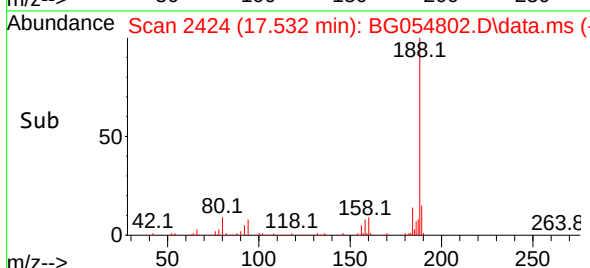
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

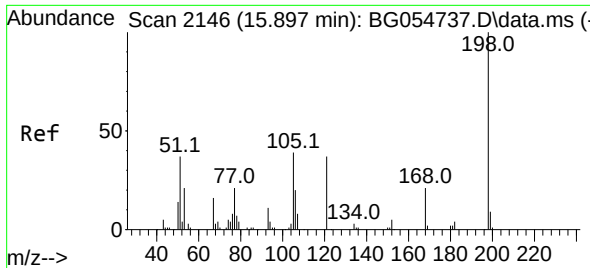


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.532 min Scan# 2424
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39



Tgt Ion:188 Resp: 273553
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 9.2 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 42.363 ng
RT: 15.904 min Scan# 2146
Delta R.T. 0.007 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Instrument :

BNA_G

ClientSampleId :

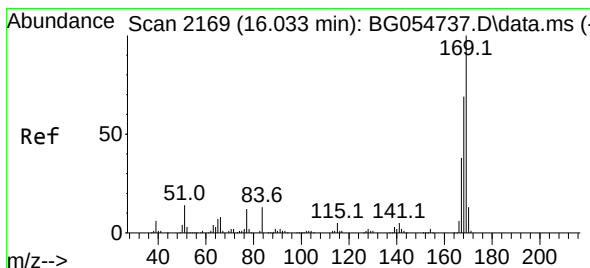
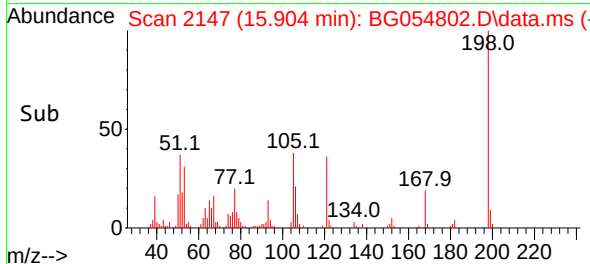
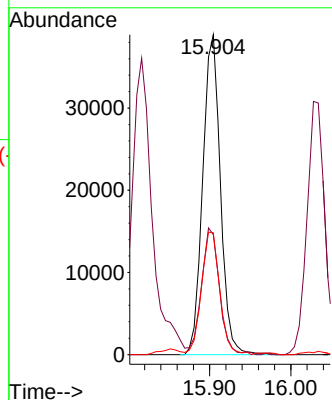
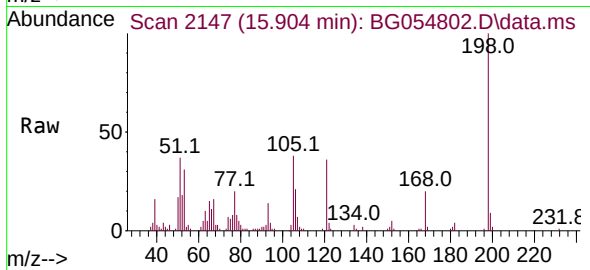
PB147287BS

Tgt Ion:198 Resp: 58989
Ion Ratio Lower Upper
198 100
51 37.5 19.9 59.9
105 38.1 20.3 60.3

Manual Integrations

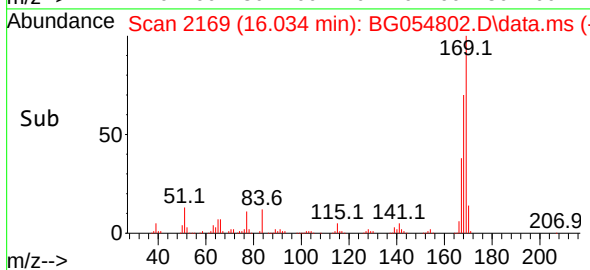
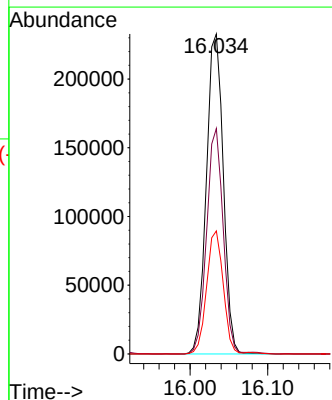
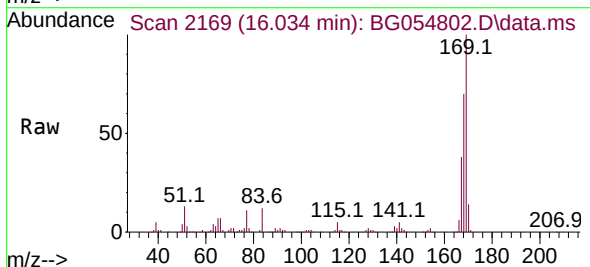
APPROVED

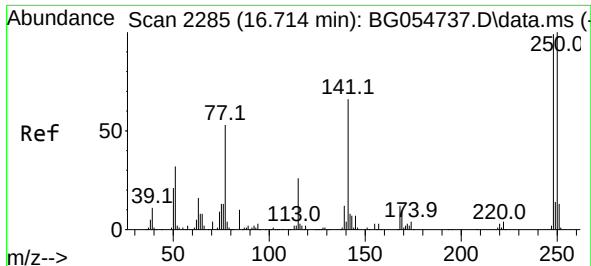
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#66
n-Nitrosodiphenylamine
Concen: 44.565 ng
RT: 16.034 min Scan# 2169
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Tgt Ion:169 Resp: 351562
Ion Ratio Lower Upper
169 100
168 70.4 55.6 83.4
167 38.4 30.9 46.3





#67
4-Bromophenyl-phenylether
Concen: 46.205 ng
RT: 16.715 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Instrument :

BNA_G

ClientSampleId :

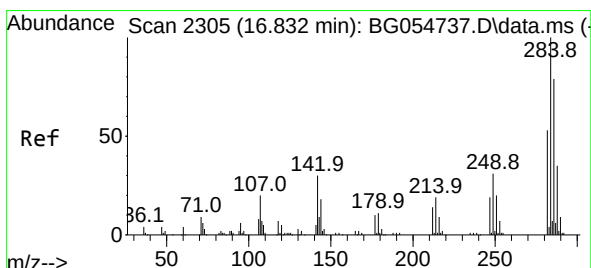
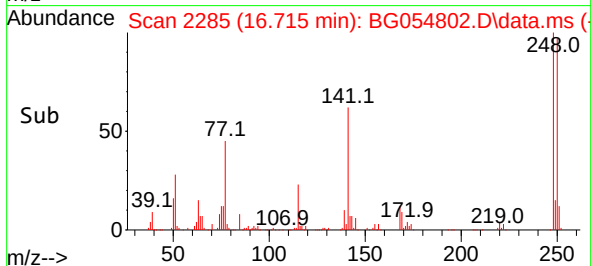
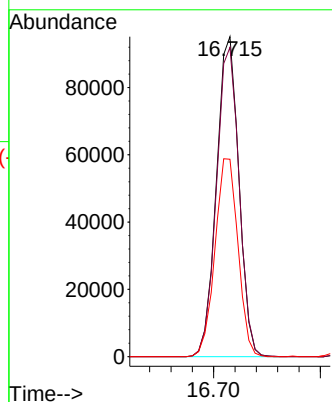
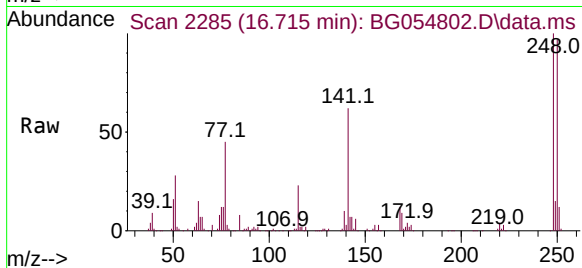
PB147287BS

Tgt Ion:248 Resp: 138773
Ion Ratio Lower Upper
248 100
250 96.6 78.8 118.2
141 61.7 51.9 77.9

Manual Integrations

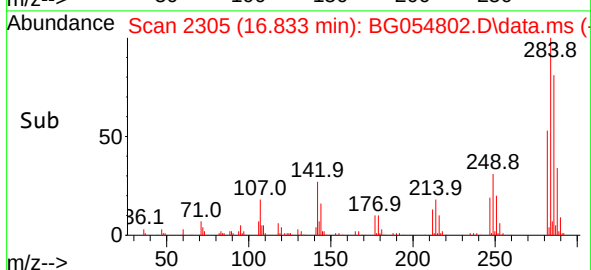
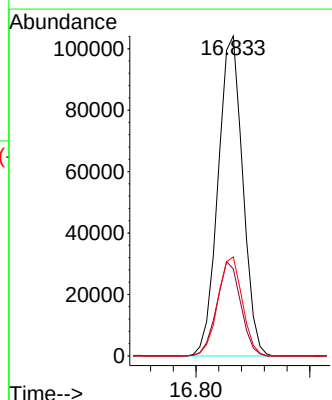
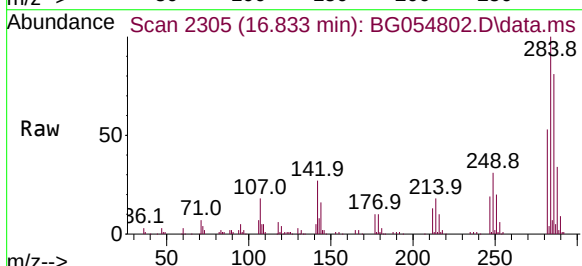
APPROVED

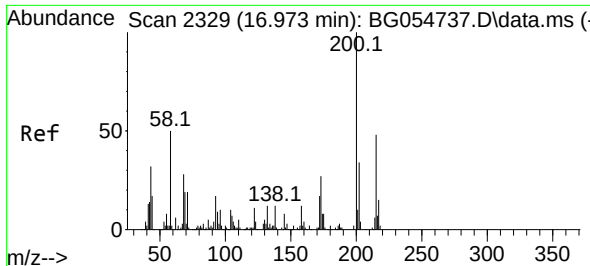
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#68
Hexachlorobenzene
Concen: 46.490 ng
RT: 16.833 min Scan# 2305
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

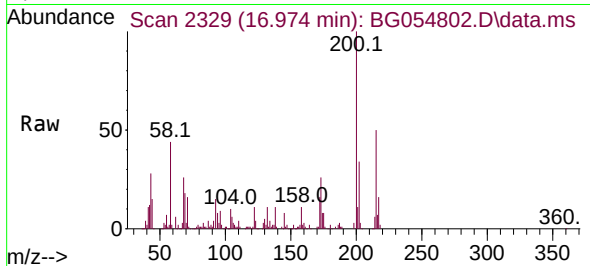
Tgt Ion:284 Resp: 156966
Ion Ratio Lower Upper
284 100
142 27.2 25.0 37.6
249 30.9 24.5 36.7





#69
 Atrazine
 Concen: 46.890 ng
 RT: 16.974 min Scan# 2329
 Delta R.T. 0.001 min
 Lab File: BG054802.D
 Acq: 31 Aug 2022 11:39

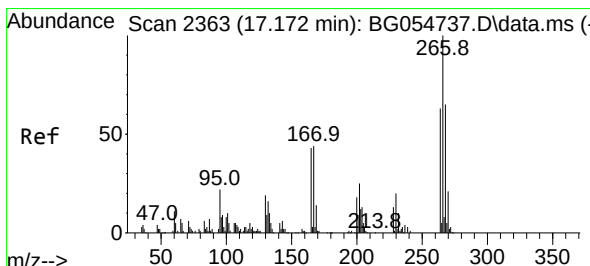
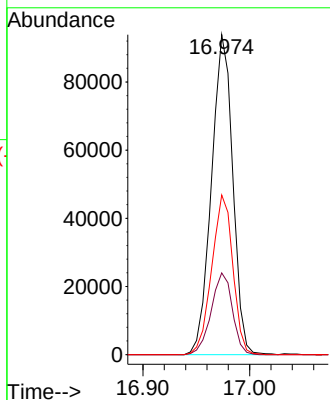
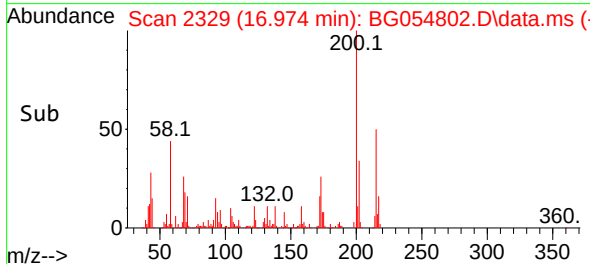
Instrument :
 BNA_G
 ClientSampleId :
 PB147287BS



Tgt Ion:200 Resp: 130499
 Ion Ratio Lower Upper
 200 100
 173 25.5 5.6 45.6
 215 49.9 28.2 68.2

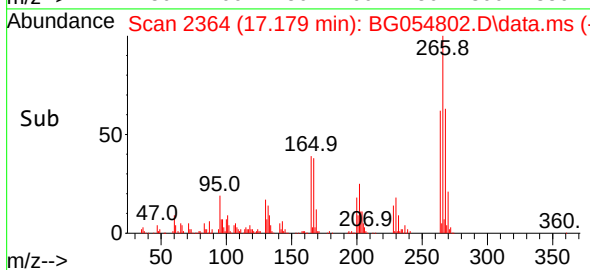
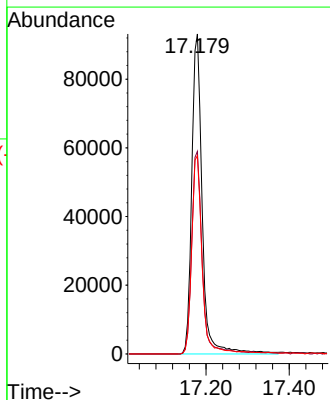
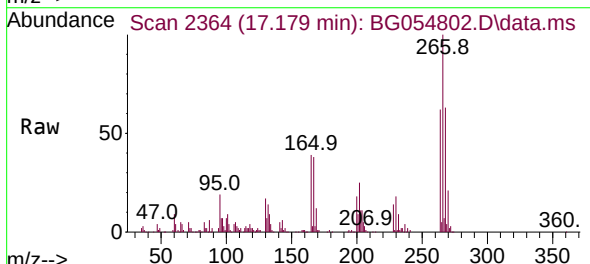
Manual Integrations
 APPROVED

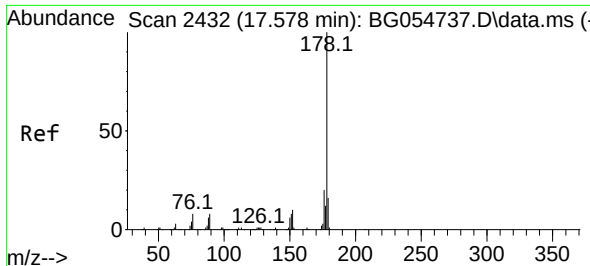
Reviewed By :Christian Giraldo 09/01/2022
 Supervised By :Jagrut Upadhyay 09/01/2022



#70
 Pentachlorophenol
 Concen: 88.374 ng
 RT: 17.179 min Scan# 2364
 Delta R.T. 0.007 min
 Lab File: BG054802.D
 Acq: 31 Aug 2022 11:39

Tgt Ion:266 Resp: 162119
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.2 76.8
 264 61.9 49.4 74.0





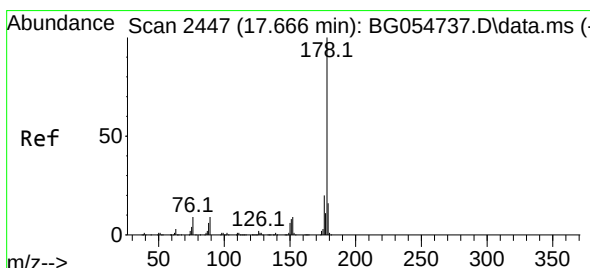
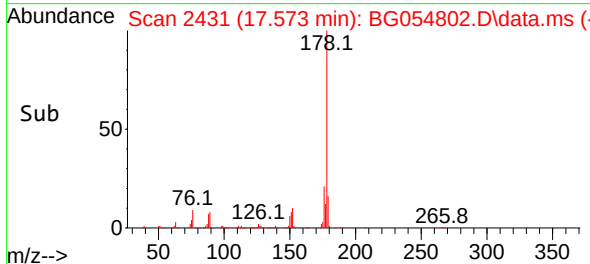
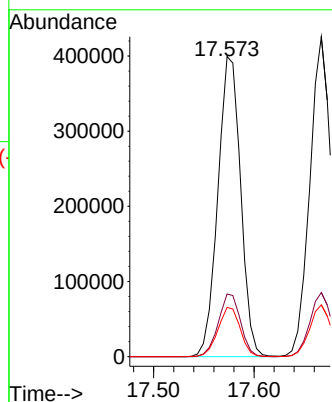
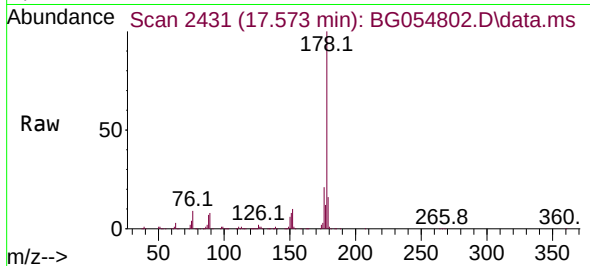
#71
Phenanthrene
Concen: 43.275 ng
RT: 17.573 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Instrument :
BNA_G
ClientSampleId :
PB147287BS

Tgt Ion:178 Resp: 630615
Ion Ratio Lower Upper
178 100
176 20.9 16.6 25.0
179 16.4 12.8 19.2

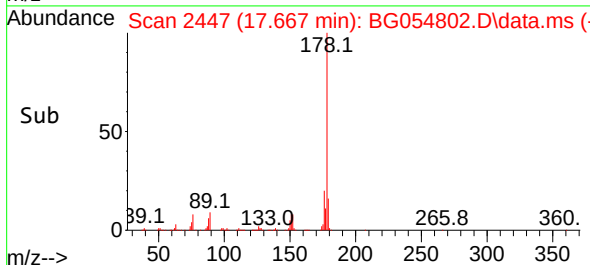
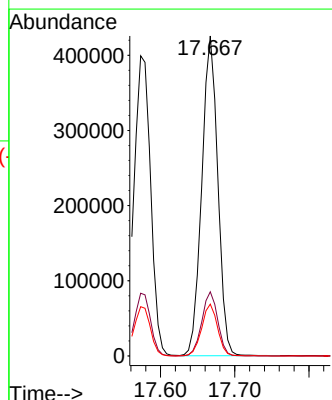
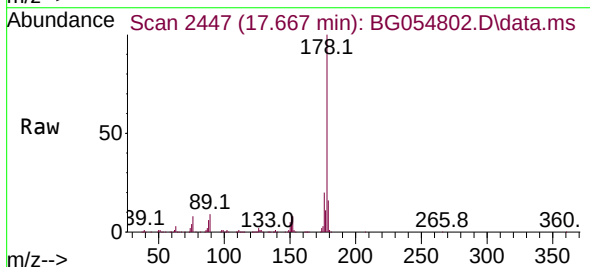
Manual Integrations
APPROVED

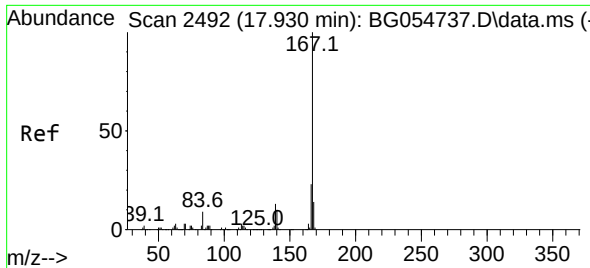
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#72
Anthracene
Concen: 44.978 ng
RT: 17.667 min Scan# 2447
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Tgt Ion:178 Resp: 637245
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.4
179 16.2 12.9 19.3





#73
Carbazole
Concen: 45.417 ng
RT: 17.937 min Scan# 2493
Delta R.T. 0.007 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

Instrument :

BNA_G

ClientSampleId :

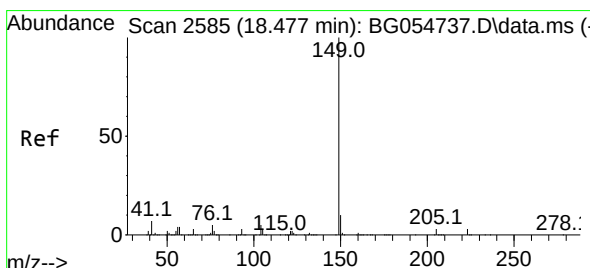
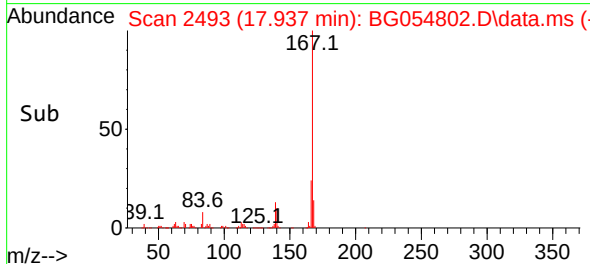
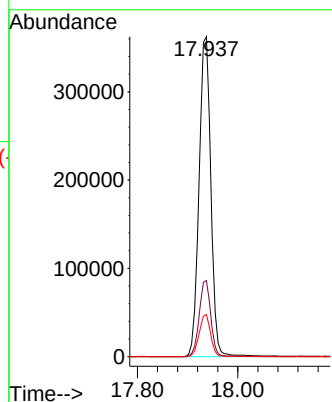
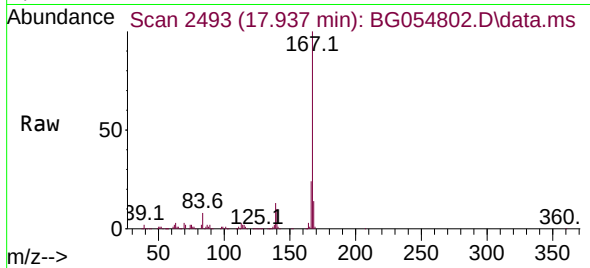
PB147287BS

Tgt Ion:167 Resp: 592850
Ion Ratio Lower Upper
167 100
166 23.8 18.8 28.2
139 13.2 10.2 15.4

Manual Integrations

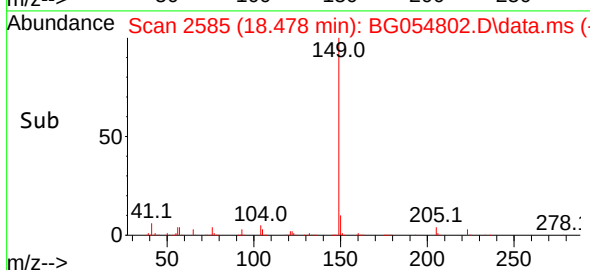
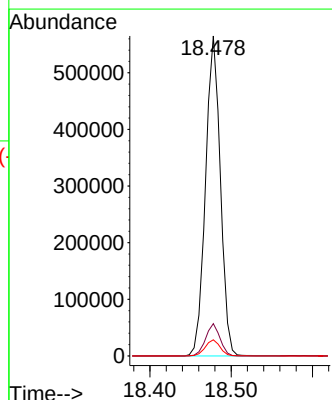
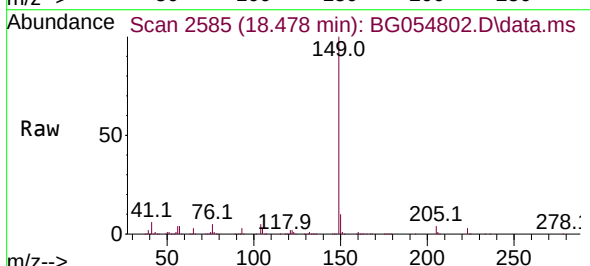
APPROVED

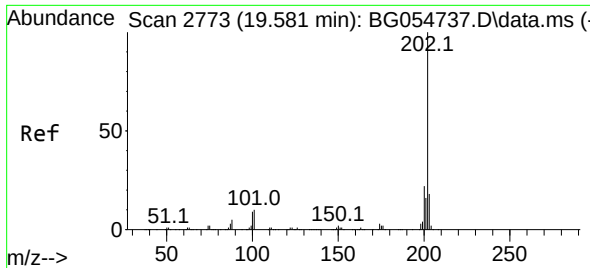
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#74
Di-n-butylphthalate
Concen: 43.450 ng
RT: 18.478 min Scan# 2585
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

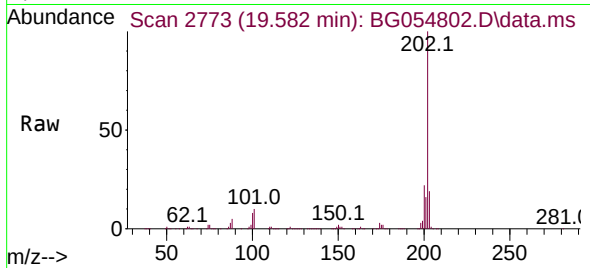
Tgt Ion:149 Resp: 717695
Ion Ratio Lower Upper
149 100
150 10.1 8.0 12.0
104 5.0 4.4 6.6





#75
Fluoranthene
Concen: 43.813 ng
RT: 19.582 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

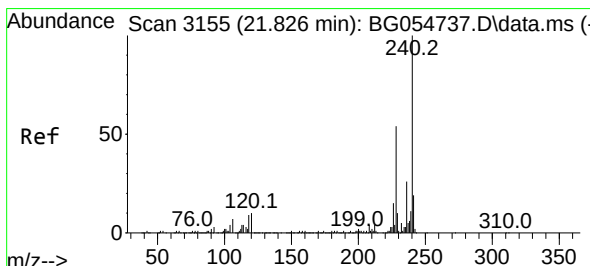
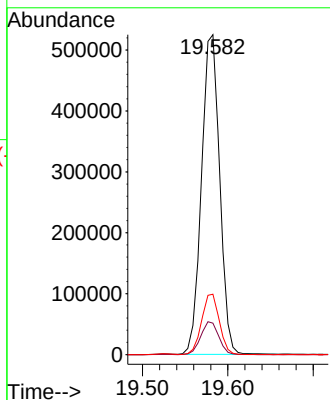
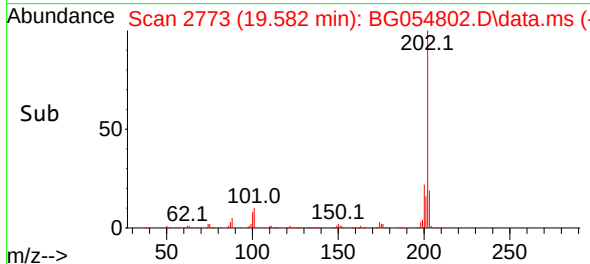
Instrument :
BNA_G
ClientSampleId :
PB147287BS



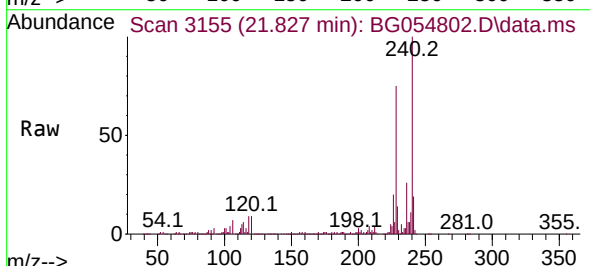
Tgt Ion:202 Resp: 776690
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.4
203 18.9 0.0 38.6

Manual Integrations
APPROVED

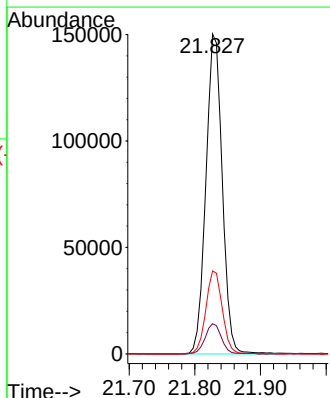
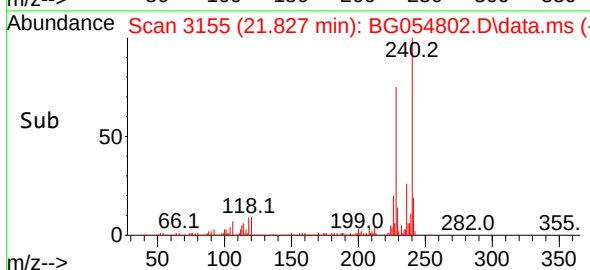
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

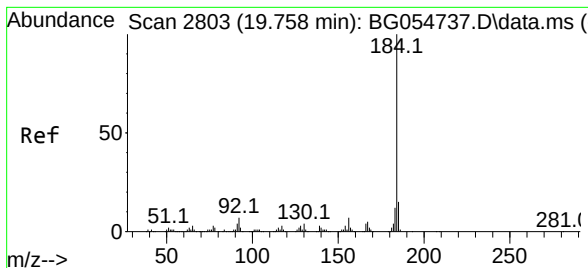


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.827 min Scan# 3155
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39



Tgt Ion:240 Resp: 259543
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.4
236 25.9 21.2 31.8





#77

Benzidine

Concen: 81.093 ng

RT: 19.759 min Scan# 2803

Delta R.T. 0.001 min

Lab File: BG054802.D

Acq: 31 Aug 2022 11:39

Instrument :

BNA_G

ClientSampleId :

PB147287BS

Tgt Ion:184 Resp: 521310

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.0

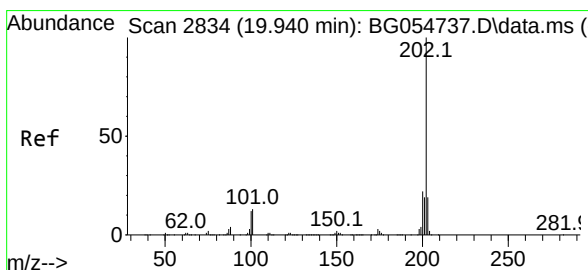
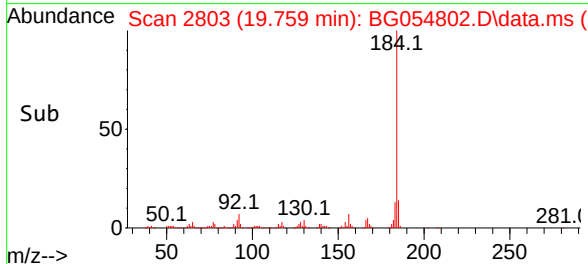
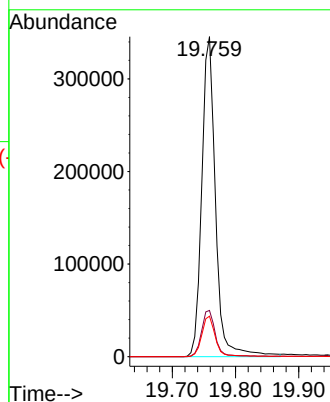
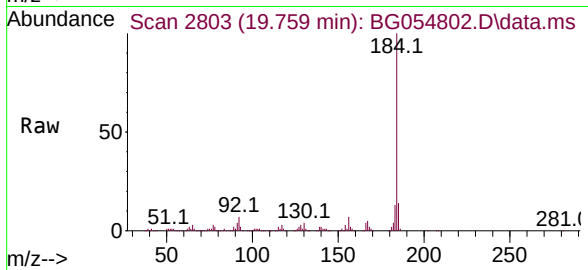
183 12.6 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/01/2022

Supervised By :Jagrut Upadhyay 09/01/2022



#78

Pyrene

Concen: 43.736 ng

RT: 19.941 min Scan# 2834

Delta R.T. 0.001 min

Lab File: BG054802.D

Acq: 31 Aug 2022 11:39

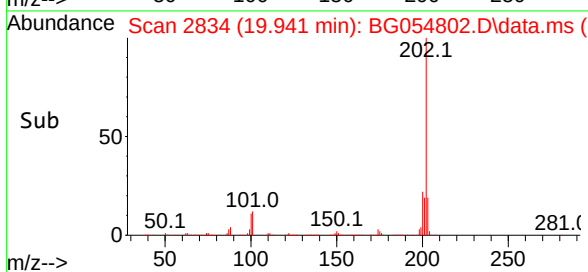
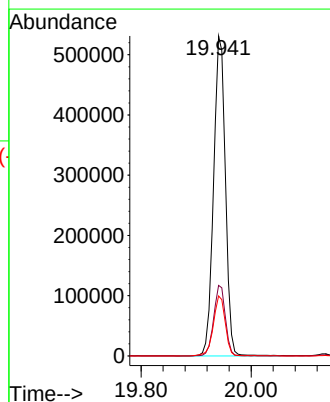
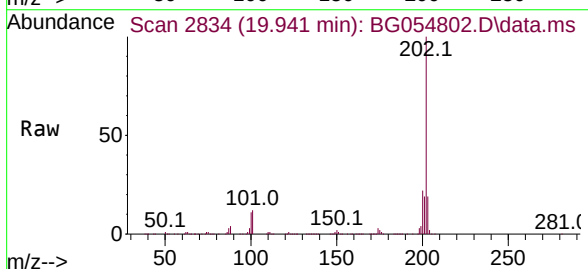
Tgt Ion:202 Resp: 791530

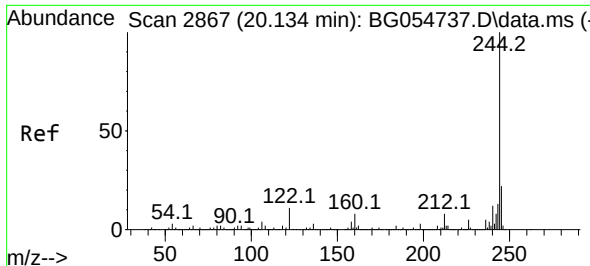
Ion Ratio Lower Upper

202 100

200 22.0 17.8 26.6

203 18.7 14.6 21.8





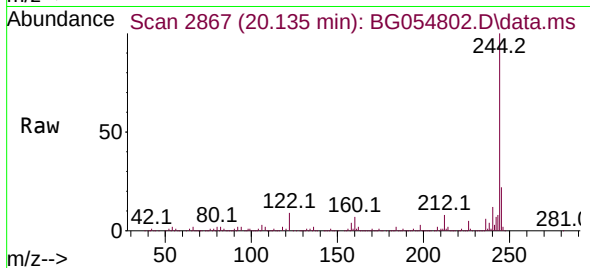
#79
 Terphenyl-d14
 Concen: 90.028 ng
 RT: 20.135 min Scan# 2867
 Delta R.T. 0.001 min
 Lab File: BG054802.D
 Acq: 31 Aug 2022 11:39

Instrument :

BNA_G

ClientSampleId :

PB147287BS

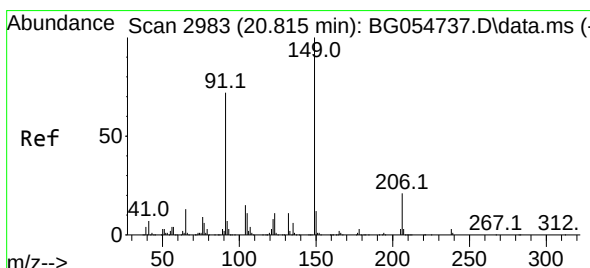
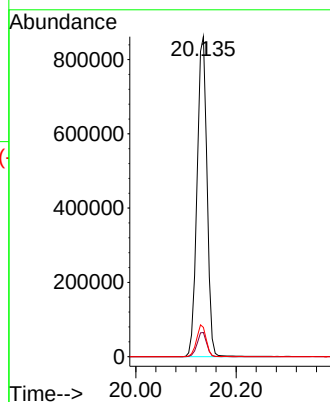
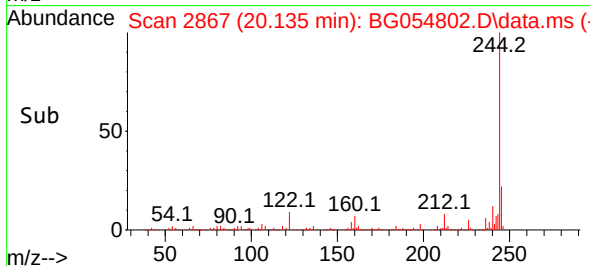


Tgt Ion:244 Resp: 1179286
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.1 9.0 13.6

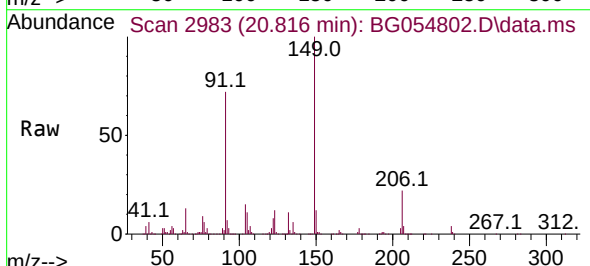
Manual Integrations

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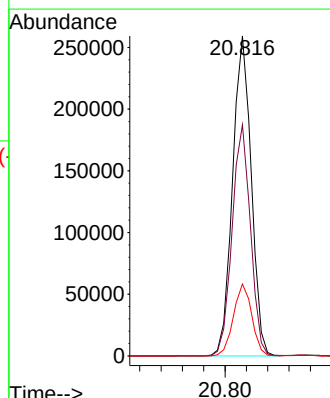
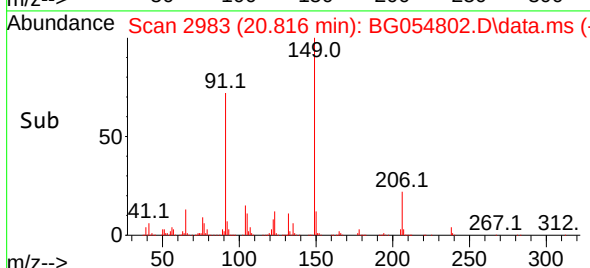
Reviewed By :Christian Giraldo 09/01/2022
 Supervised By :Jagrut Upadhyay 09/01/2022

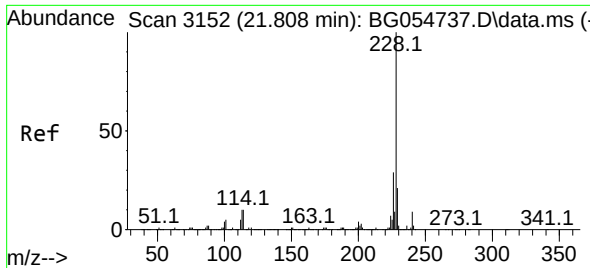


#80
 Butylbenzylphthalate
 Concen: 41.731 ng
 RT: 20.816 min Scan# 2983
 Delta R.T. 0.001 min
 Lab File: BG054802.D
 Acq: 31 Aug 2022 11:39



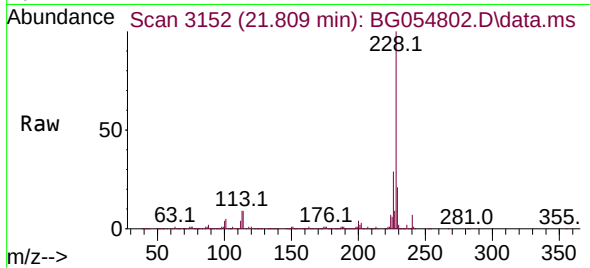
Tgt Ion:149 Resp: 315019
 Ion Ratio Lower Upper
 149 100
 91 72.2 59.5 89.3
 206 22.5 16.6 25.0





#81
Benzo(a)anthracene
Concen: 43.712 ng
RT: 21.809 min Scan# 3152
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

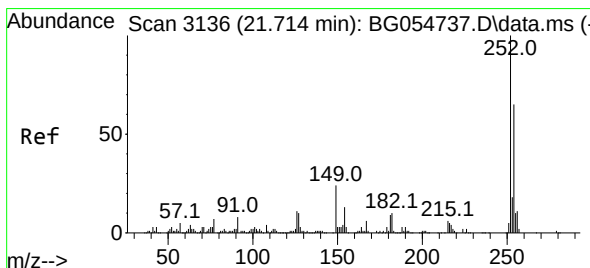
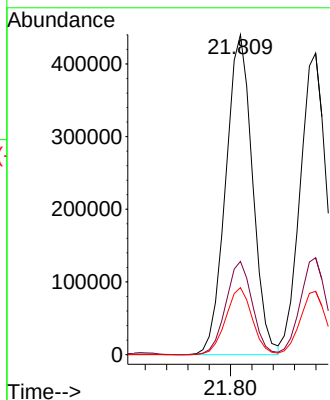
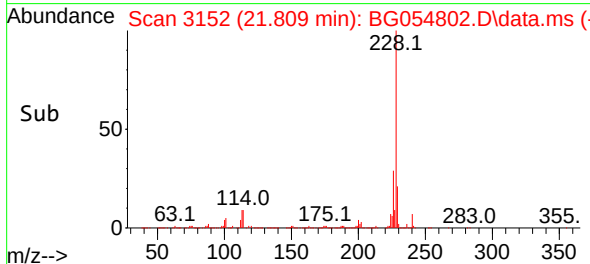
Instrument :
BNA_G
ClientSampleId :
PB147287BS



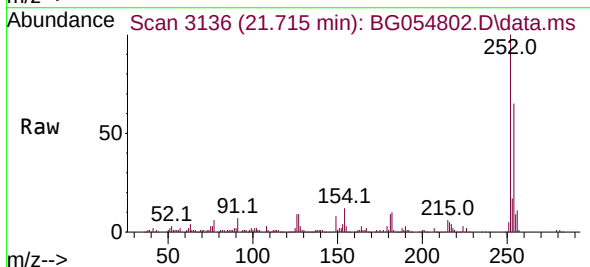
Tgt Ion:228 Resp: 769228
Ion Ratio Lower Upper
228 100
226 29.1 23.4 35.2
229 20.9 16.5 24.7

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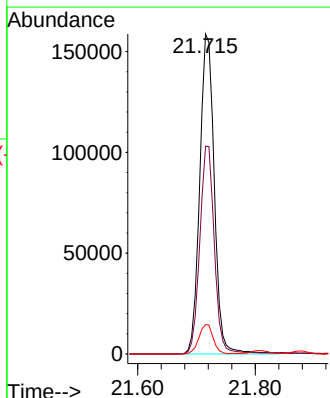
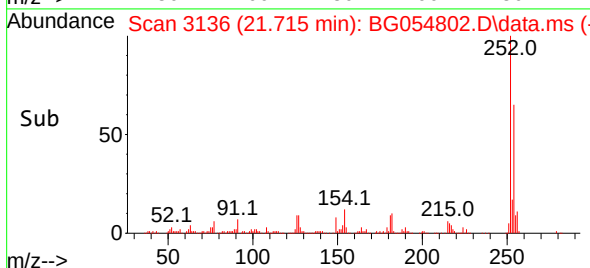
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

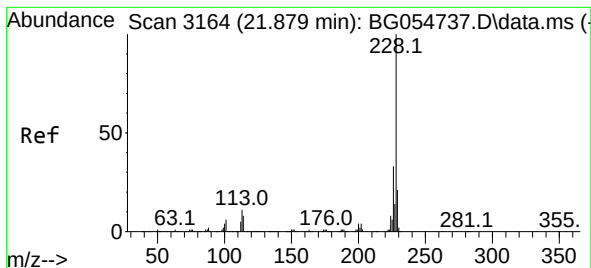


#82
3,3'-Dichlorobenzidine
Concen: 44.236 ng
RT: 21.715 min Scan# 3136
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39



Tgt Ion:252 Resp: 272930
Ion Ratio Lower Upper
252 100
254 64.9 51.4 77.2
126 9.1 8.2 12.2





#83

Chrysene

Concen: 42.857 ng

RT: 21.880 min Scan# 3164

Delta R.T. 0.001 min

Lab File: BG054802.D

Acq: 31 Aug 2022 11:39

Instrument :

BNA_G

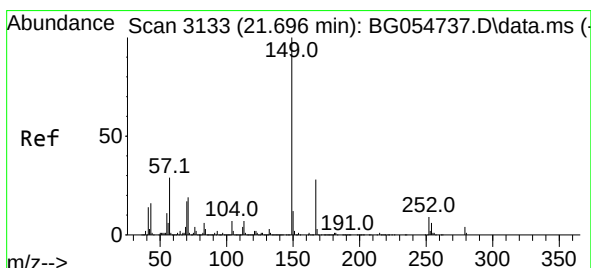
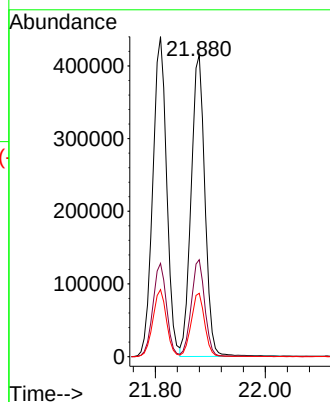
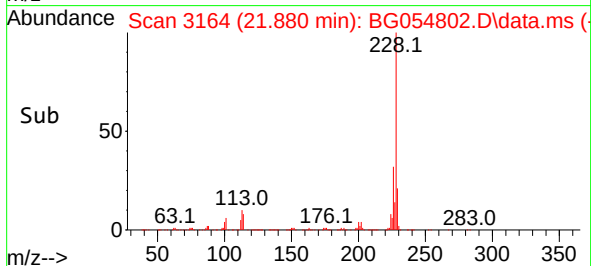
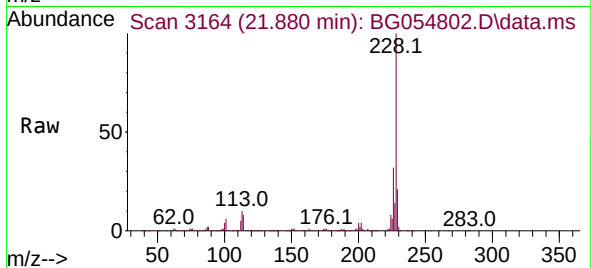
ClientSampleId :

PB147287BS

Tgt Ion:228 Resp: 721103
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.5 38.3
 229 21.0 16.8 25.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 09/01/2022
 Supervised By :Jagrut Upadhyay 09/01/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.780 ng

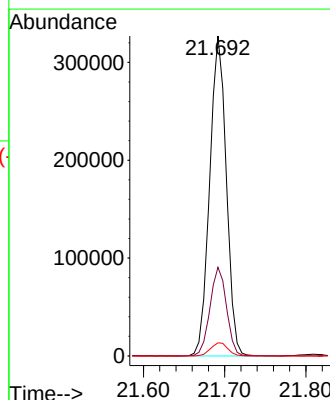
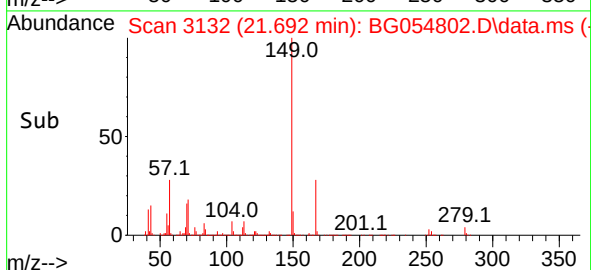
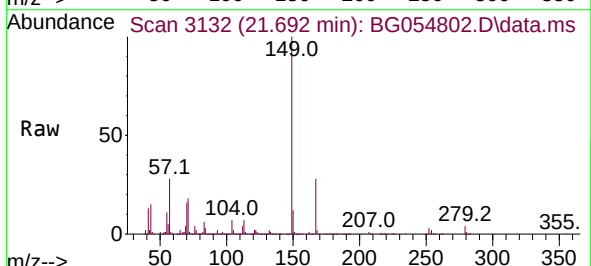
RT: 21.692 min Scan# 3132

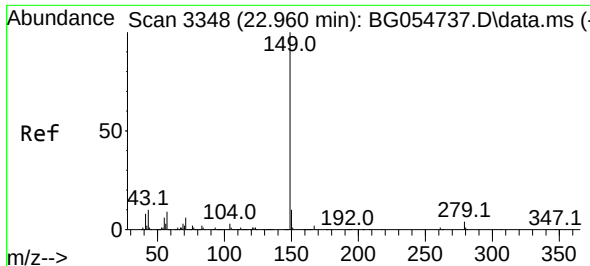
Delta R.T. -0.005 min

Lab File: BG054802.D

Acq: 31 Aug 2022 11:39

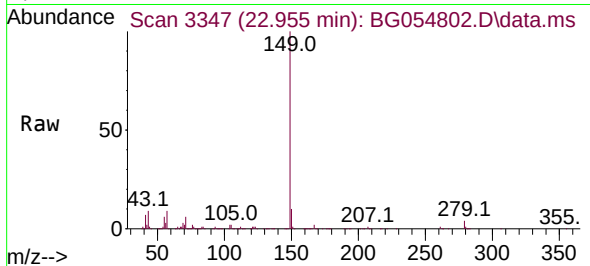
Tgt Ion:149 Resp: 465278
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.4 32.0
 279 4.1 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 42.886 ng
RT: 22.955 min Scan# 3348
Delta R.T. -0.005 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

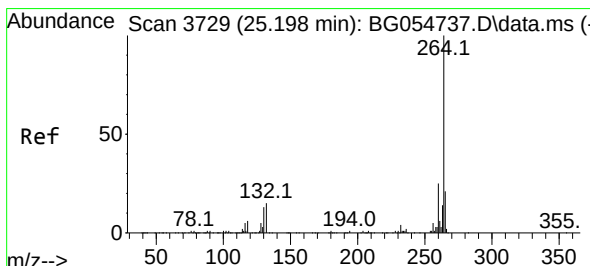
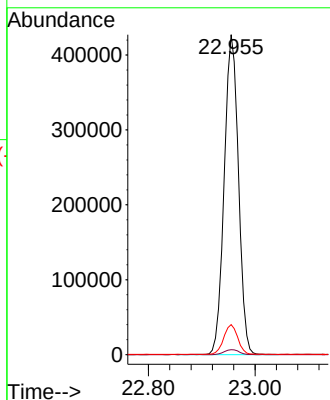
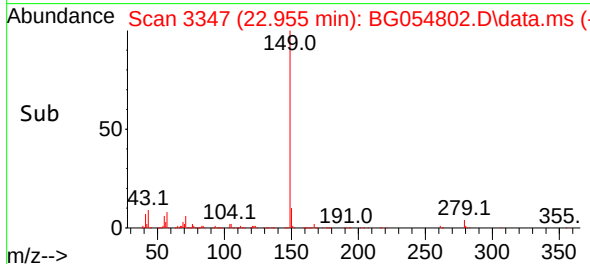
Instrument :
BNA_G
ClientSampleId :
PB147287BS



Tgt Ion:149 Resp: 790994
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.1 9.0 13.6

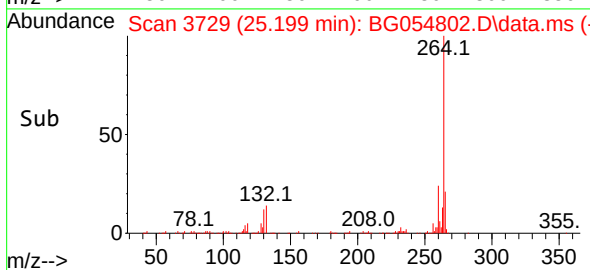
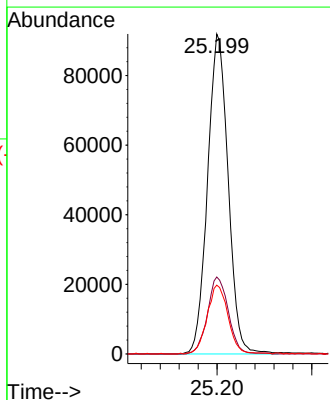
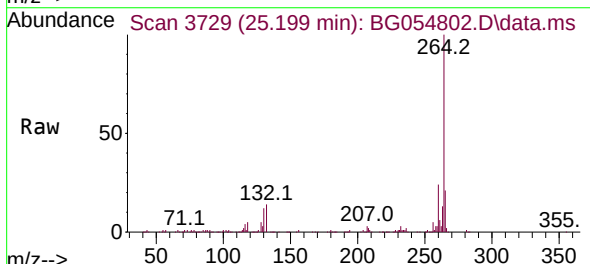
Manual Integrations
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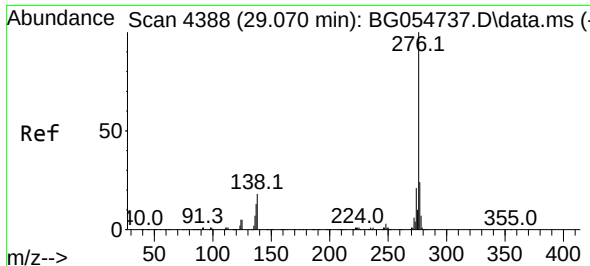
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.199 min Scan# 3729
Delta R.T. 0.001 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

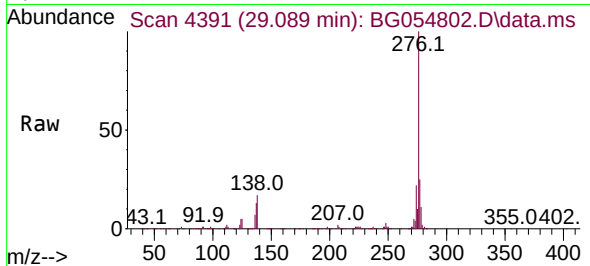
Tgt Ion:264 Resp: 276843
Ion Ratio Lower Upper
264 100
260 24.0 19.9 29.9
265 21.5 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.482 ng
RT: 29.089 min Scan# 4388
Delta R.T. 0.019 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

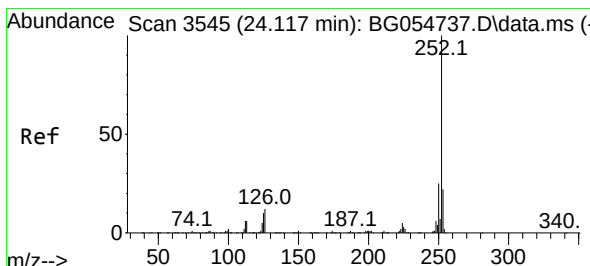
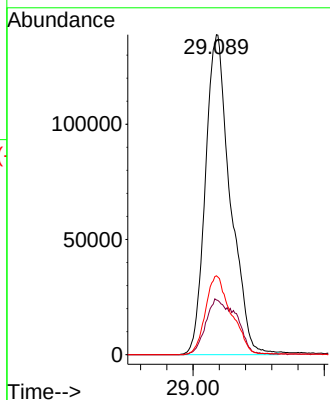
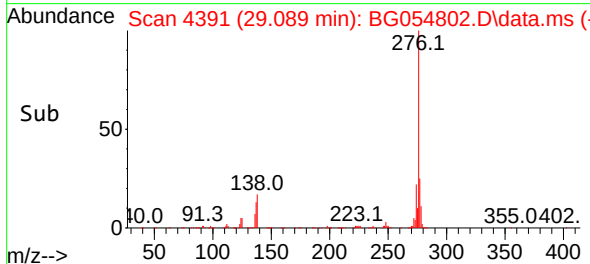
Instrument :
BNA_G
ClientSampleId :
PB147287BS



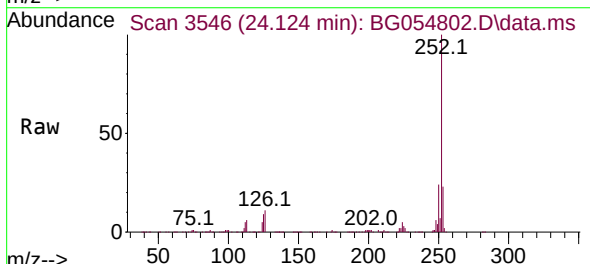
Tgt Ion:276 Resp: 913862
Ion Ratio Lower Upper
276 100
138 21.4 12.0 18.0
277 25.6 20.2 30.4

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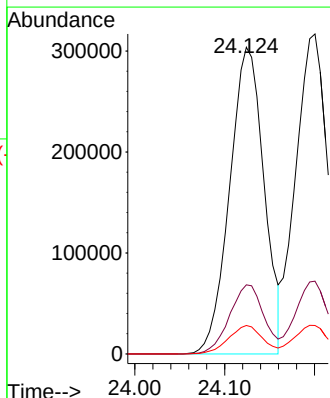
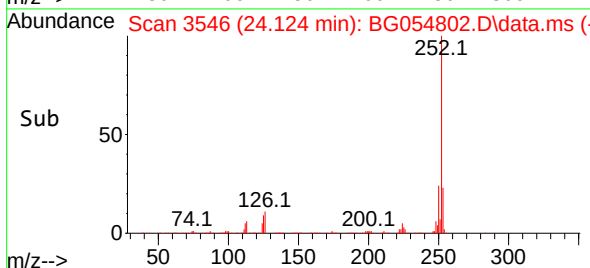
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

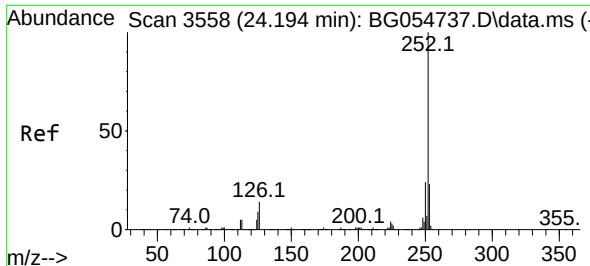


#88
Benzo(b)fluoranthene
Concen: 46.610 ng
RT: 24.124 min Scan# 3546
Delta R.T. 0.007 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39



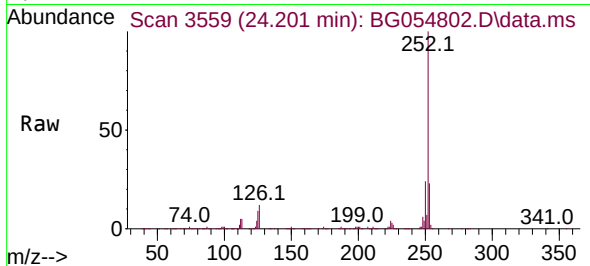
Tgt Ion:252 Resp: 809455
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 9.3 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 45.605 ng
RT: 24.201 min Scan# 31
Delta R.T. 0.007 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

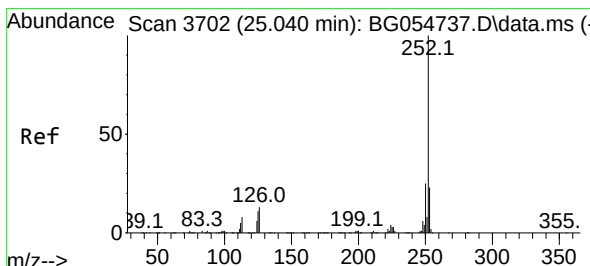
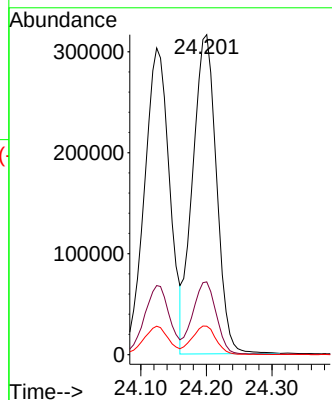
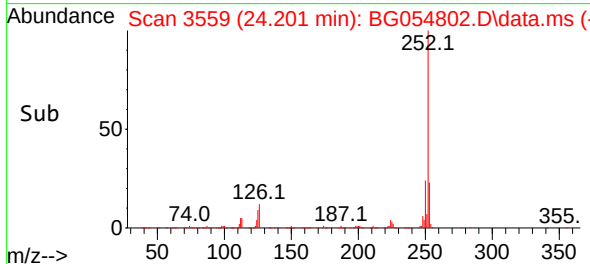
Instrument :
BNA_G
ClientSampleId :
PB147287BS



Tgt Ion:252 Resp: 797062
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 8.9 8.2 12.4

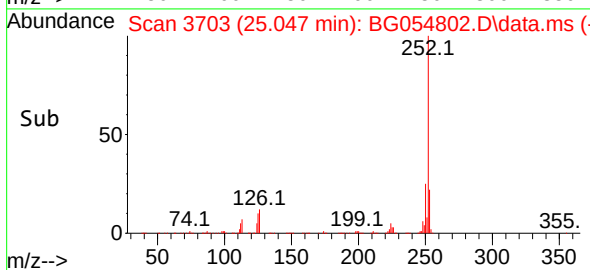
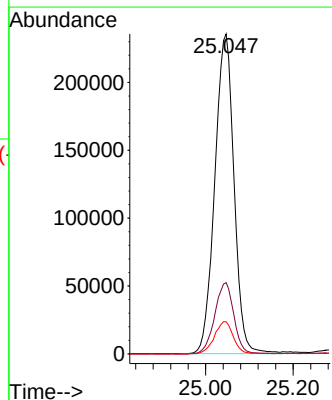
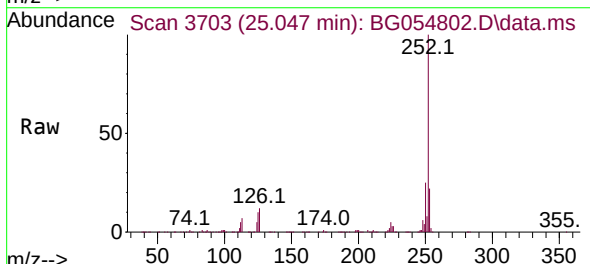
Manual Integrations
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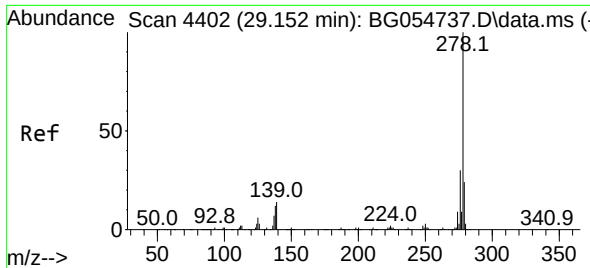
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#90
Benzo(a)pyrene
Concen: 48.481 ng
RT: 25.047 min Scan# 3703
Delta R.T. 0.007 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

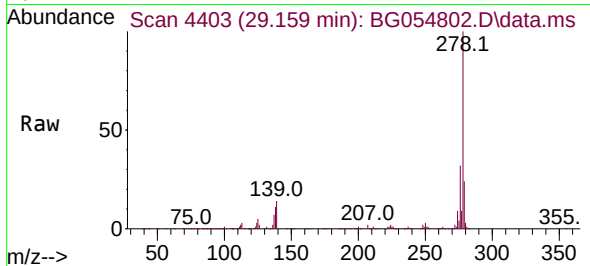
Tgt Ion:252 Resp: 719323
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 10.0 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 46.133 ng
RT: 29.159 min Scan# 4402
Delta R.T. 0.007 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39

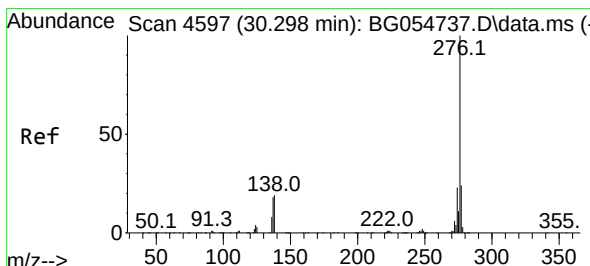
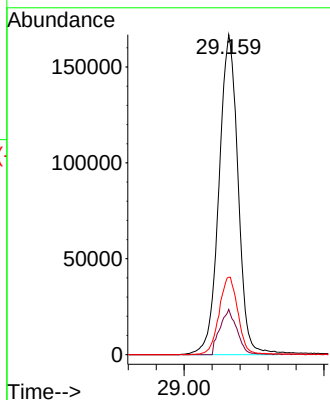
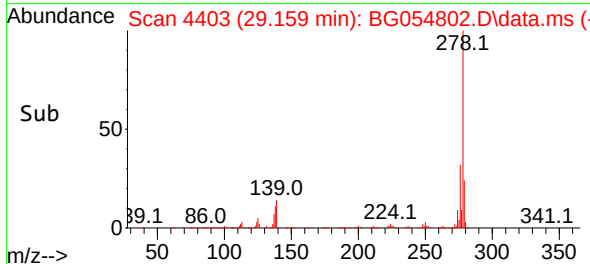
Instrument :
BNA_G
ClientSampleId :
PB147287BS



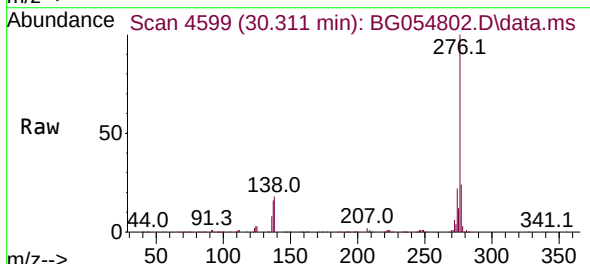
Tgt Ion:278 Resp: 789909
Ion Ratio Lower Upper
278 100
139 14.1 11.4 17.2
279 24.2 19.3 28.9

Manual Integrations
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Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#92
Benzo(g,h,i)perylene
Concen: 45.228 ng
RT: 30.311 min Scan# 4599
Delta R.T. 0.013 min
Lab File: BG054802.D
Acq: 31 Aug 2022 11:39



Tgt Ion:276 Resp: 782337
Ion Ratio Lower Upper
276 100
277 24.2 19.4 29.0
138 17.6 16.6 25.0

