

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
 Data File : BG054853.D
 Acq On : 6 Sep 2022 15:42
 Operator : CG/JU
 Sample : PB147406BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147406BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/07/2022
 Supervised By : Jagrut Upadhyay 09/07/2022

Quant Time: Sep 07 04:55:32 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	8.150	152	44363	20.000	ng	0.00
21) Naphthalene-d8	10.976	136	186564	20.000	ng	0.00
39) Acenaphthene-d10	14.783	164	127679	20.000	ng	0.00
64) Phenanthrene-d10	17.533	188	298434	20.000	ng	0.00
76) Chrysene-d12	21.822	240	276059	20.000	ng	0.00
86) Perylene-d12	25.194	264	297621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	348626	136.845	ng	0.00
7) Phenol-d6	7.304	99	466389	133.864	ng	0.00
23) Nitrobenzene-d5	9.325	82	273839	77.054	ng	0.00
42) 2,4,6-Tribromophenol	16.270	330	212392	133.125	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	670642	78.947	ng	0.00
79) Terphenyl-d14	20.130	244	1203348	86.369	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.526	88	37986	31.225	ng	96
3) Pyridine	3.931	79	105512	31.096	ng	95
4) n-Nitrosodimethylamine	3.849	42	56008	38.185	ng	94
6) Aniline	7.468	93	164500	39.739	ng	97
8) 2-Chlorophenol	7.709	128	138943	49.918	ng	99
9) Benzaldehyde	7.280	77	36609	16.032	ng	94
10) Phenol	7.327	94	171037	47.736	ng	98
11) bis(2-Chloroethyl)ether	7.556	93	124224	43.109	ng	97
12) 1,3-Dichlorobenzene	8.038	146	142019	44.091	ng	96
13) 1,4-Dichlorobenzene	8.185	146	143852	44.276	ng	97
14) 1,2-Dichlorobenzene	8.508	146	141778	46.020	ng	99
15) Benzyl Alcohol	8.385	79	119126m	47.328	ng	
16) 2,2'-oxybis(1-Chloropr...	8.673	45	180970	40.135	ng	98
17) 2-Methylphenol	8.590	107	118974	48.228	ng	96
18) Hexachloroethane	9.237	117	51244	43.495	ng	99
19) n-Nitroso-di-n-propyla...	8.955	70	103338	43.132	ng	# 95
20) 3+4-Methylphenols	8.919	107	162079	47.380	ng	97
22) Acetophenone	8.978	105	199439	42.730	ng	# 97
24) Nitrobenzene	9.366	77	146832	40.991	ng	95
25) Isophorone	9.889	82	287580	43.399	ng	98
26) 2-Nitrophenol	10.083	139	76160	48.133	ng	99
27) 2,4-Dimethylphenol	10.130	122	132590	52.888	ng	97
28) bis(2-Chloroethoxy)met...	10.365	93	175997	46.611	ng	99
29) 2,4-Dichlorophenol	10.617	162	135283	47.443	ng	98
30) 1,2,4-Trichlorobenzene	10.835	180	140342	43.068	ng	99
31) Naphthalene	11.029	128	417999	41.760	ng	99
32) Benzoic acid	10.324	122	23610m	18.850	ng	
33) 4-Chloroaniline	11.134	127	113792	27.885	ng	96
34) Hexachlorobutadiene	11.299	225	91550	43.849	ng	99
35) Caprolactam	11.904	113	47170m	46.888	ng	
36) 4-Chloro-3-methylphenol	12.245	107	146129	46.863	ng	98
37) 2-Methylnaphthalene	12.621	142	300878	42.887	ng	99
38) 1-Methylnaphthalene	12.838	142	286787	42.016	ng	99
40) 1,2,4,5-Tetrachloroben...	12.985	216	169070	43.928	ng	99
41) Hexachlorocyclopentadiene	12.956	237	166094	81.373	ng	98
43) 2,4,6-Trichlorophenol	13.220	196	109862	43.005	ng	98

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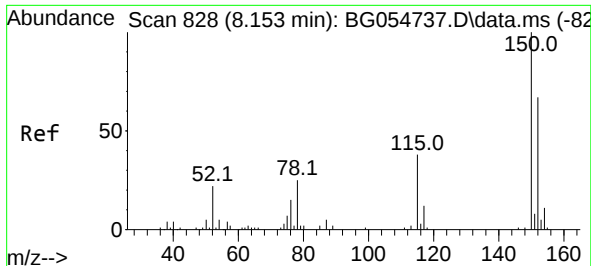
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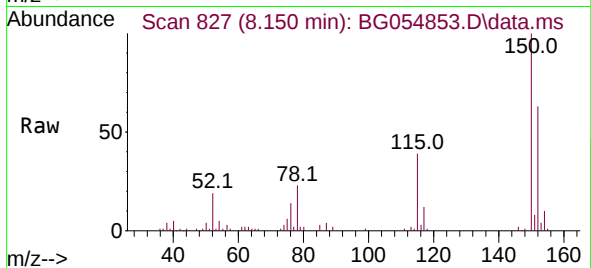
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.297	196	122611	42.737	ng	98
46) 1,1'-Biphenyl	13.620	154	408407	43.074	ng	98
47) 2-Chloronaphthalene	13.667	162	304946	42.349	ng	99
48) 2-Nitroaniline	13.866	65	95789	42.447	ng	94
49) Acenaphthylene	14.507	152	503223	42.350	ng	99
50) Dimethylphthalate	14.231	163	416097	42.301	ng	99
51) 2,6-Dinitrotoluene	14.354	165	91388	45.423	ng	88
52) Acenaphthene	14.848	154	350582m	45.931	ng	
53) 3-Nitroaniline	14.689	138	74687	33.161	ng	96
54) 2,4-Dinitrophenol	14.901	184	89812	79.173	ng	99
55) Dibenzofuran	15.183	168	479065	42.713	ng	99
56) 4-Nitrophenol	15.000	139	154511	88.649	ng	92
57) 2,4-Dinitrotoluene	15.141	165	131699	47.324	ng	86
58) Fluorene	15.829	166	402317	42.580	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.406	232	106119	41.033	ng	99
60) Diethylphthalate	15.582	149	423137	43.079	ng	98
61) 4-Chlorophenyl-phenyle...	15.811	204	210855	45.237	ng	99
62) 4-Nitroaniline	15.852	138	100751	43.814	ng	95
63) Azobenzene	16.105	77	370261	39.665	ng	96
65) 4,6-Dinitro-2-methylph...	15.905	198	70575	46.458	ng	99
66) n-Nitrosodiphenylamine	16.029	169	368499	42.817	ng	99
67) 4-Bromophenyl-phenylether	16.710	248	148190	45.227	ng	97
68) Hexachlorobenzene	16.828	284	167175	45.386	ng	97
69) Atrazine	16.969	200	143660	47.315	ng	100
70) Pentachlorophenol	17.180	266	141175	70.541	ng	99
71) Phenanthrene	17.574	178	668777	42.067	ng	99
72) Anthracene	17.662	178	681445	44.088	ng	100
73) Carbazole	17.932	167	641540	45.050	ng	100
74) Di-n-butylphthalate	18.473	149	776383	43.084	ng	99
75) Fluoranthene	19.577	202	824812	42.649	ng	99
77) Benzidine	19.754	184	375932	54.980	ng	100
78) Pyrene	19.942	202	833863	43.319	ng	99
80) Butylbenzylphthalate	20.805	149	332998	41.473	ng	96
81) Benzo(a)anthracene	21.804	228	801600	42.826	ng	99
82) 3,3'-Dichlorobenzidine	21.710	252	253959	38.698	ng	99
83) Chrysene	21.875	228	746726	41.724	ng	99
84) Bis(2-ethylhexyl)phtha...	21.681	149	488419	42.221	ng	99
85) Di-n-octyl phthalate	22.938	149	824553	42.031	ng	# 94
87) Indeno(1,2,3-cd)pyrene	29.090	276	961536	42.556	ng	99
88) Benzo(b)fluoranthene	24.119	252	848023	45.422	ng	99
89) Benzo(k)fluoranthene	24.195	252	827964	44.065	ng	98
90) Benzo(a)pyrene	25.042	252	744744	46.690	ng	98
91) Dibenzo(a,h)anthracene	29.160	278	841699	45.726	ng	98
92) Benzo(g,h,i)perylene	30.312	276	825958	44.416	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.150 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

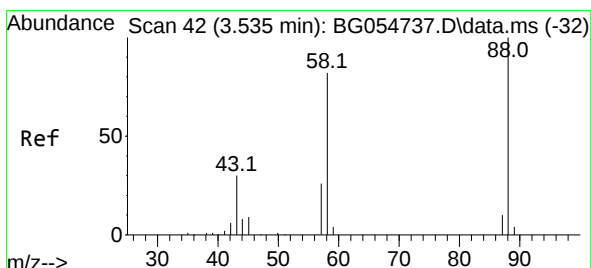
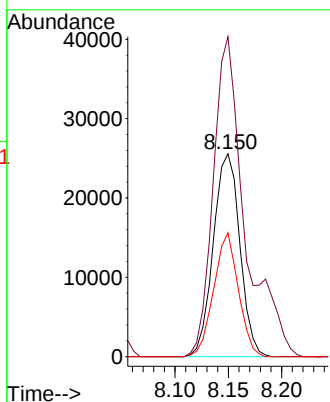
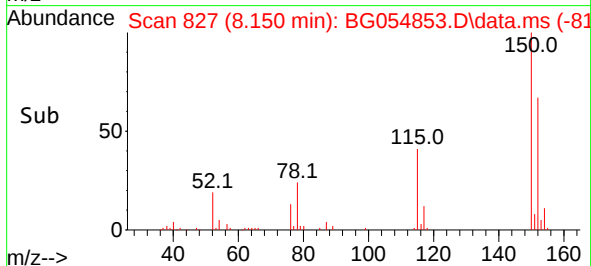
Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 44363
Ion Ratio Lower Upper
152 100
150 157.8 125.2 187.8
115 61.0 47.9 71.9

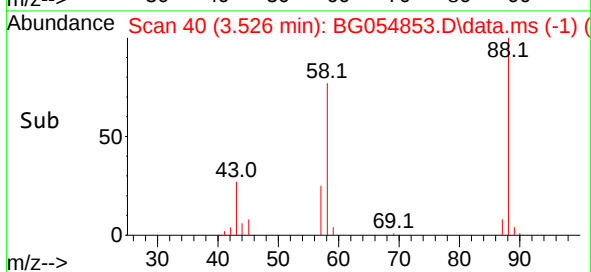
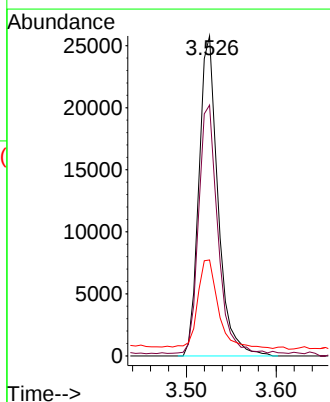
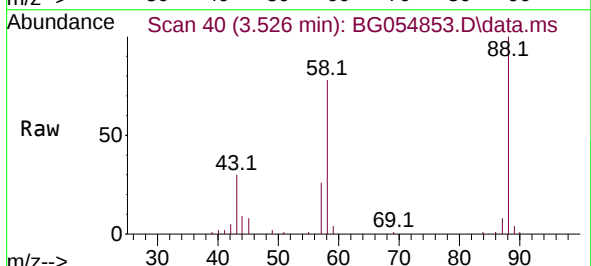
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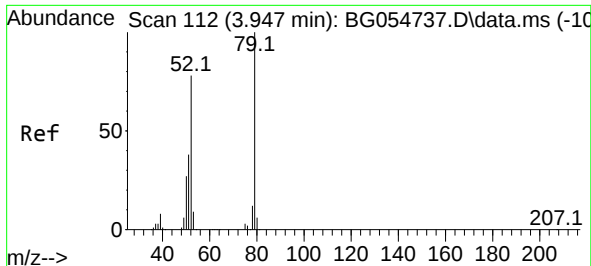
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#2
1,4-Dioxane
Concen: 31.225 ng
RT: 3.526 min Scan# 40
Delta R.T. -0.010 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

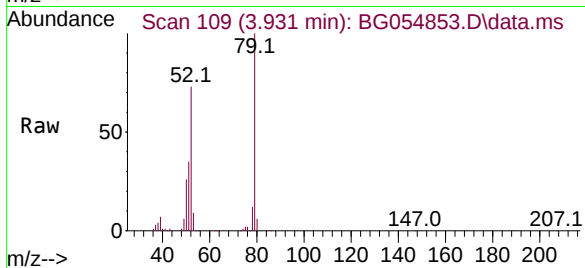
Tgt Ion: 88 Resp: 37986
Ion Ratio Lower Upper
88 100
58 78.1 65.9 98.9
43 29.9 22.7 34.1





#3
Pyridine
Concen: 31.096 ng
RT: 3.931 min Scan# 10
Delta R.T. -0.016 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

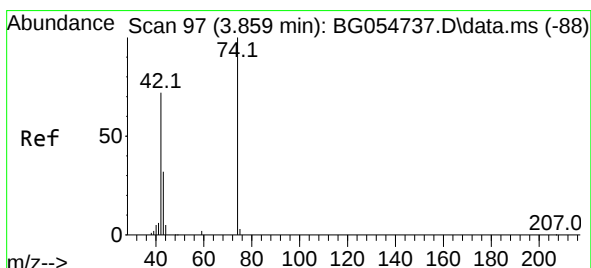
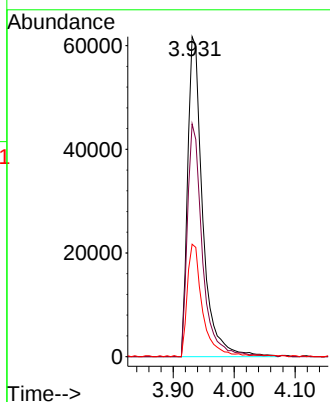
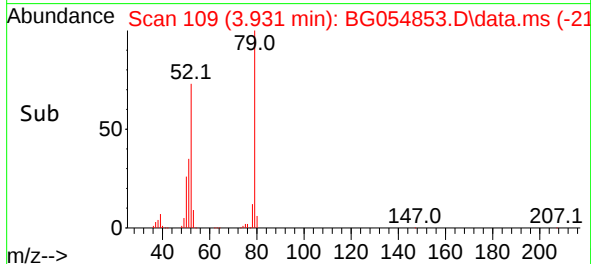
Instrument :
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Tgt Ion: 79 Resp: 105512
Ion Ratio Lower Upper
79 100
52 72.7 61.4 92.0
51 35.1 31.4 47.0

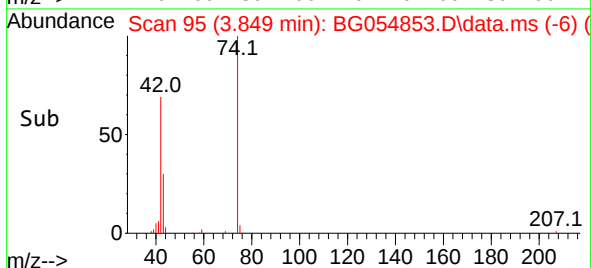
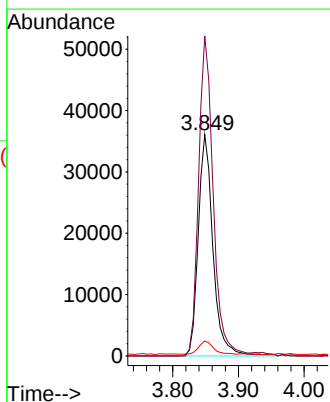
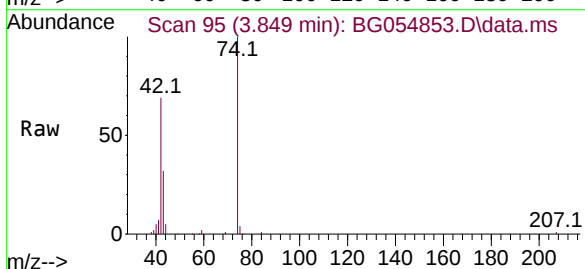
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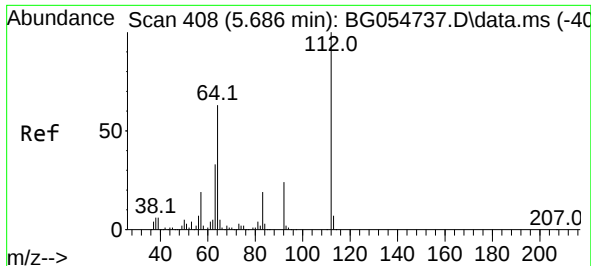
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#4
n-Nitrosodimethylamine
Concen: 38.185 ng
RT: 3.849 min Scan# 95
Delta R.T. -0.010 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

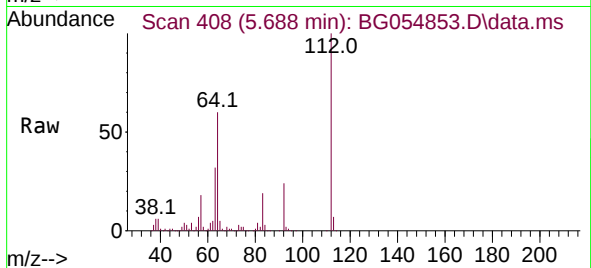
Tgt Ion: 42 Resp: 56008
Ion Ratio Lower Upper
42 100
74 144.6 109.6 164.4
44 6.7 5.5 8.3





#5
2-Fluorophenol
Concen: 136.845 ng
RT: 5.688 min Scan# 408
Delta R.T. 0.002 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

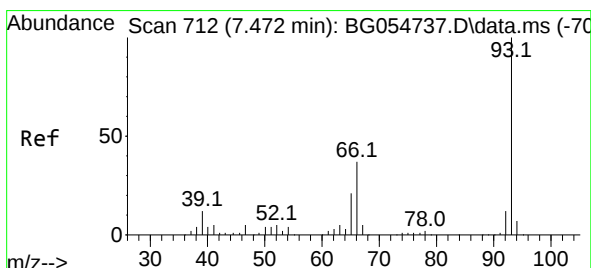
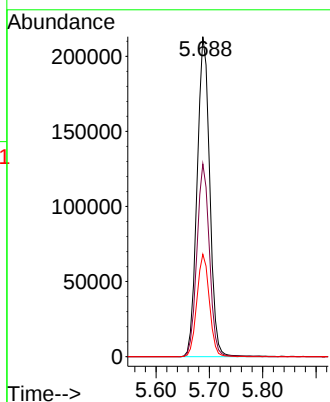
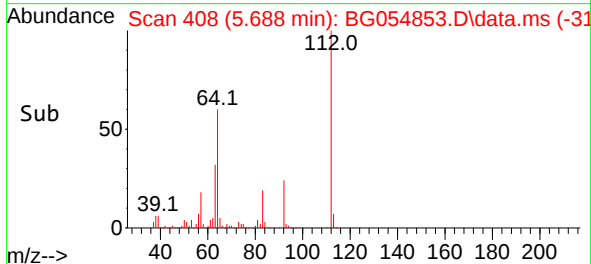
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ClientSampleId :
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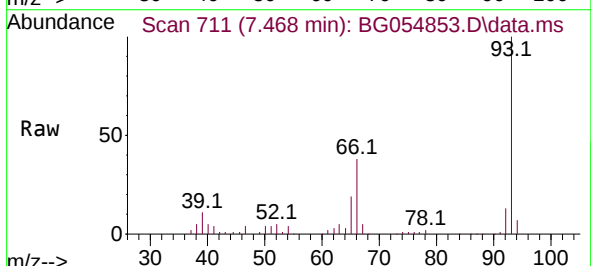
Tgt Ion: 112 Resp: 348626
Ion Ratio Lower Upper
112 100
64 60.2 49.3 73.9
63 32.0 26.3 39.5

Manual Integrations
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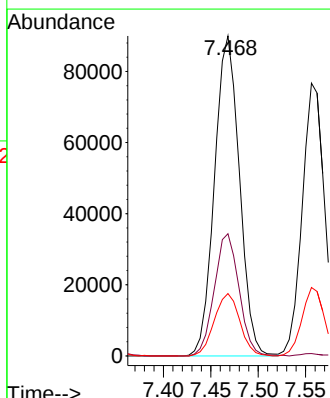
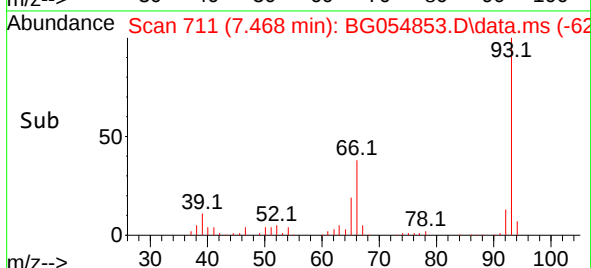
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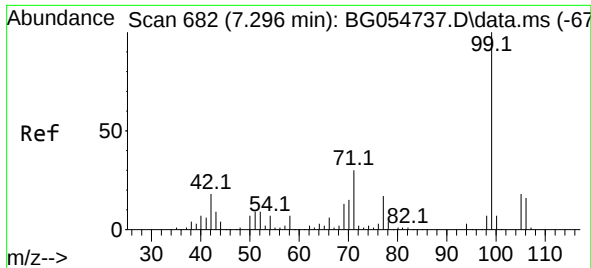


#6
Aniline
Concen: 39.739 ng
RT: 7.468 min Scan# 711
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42



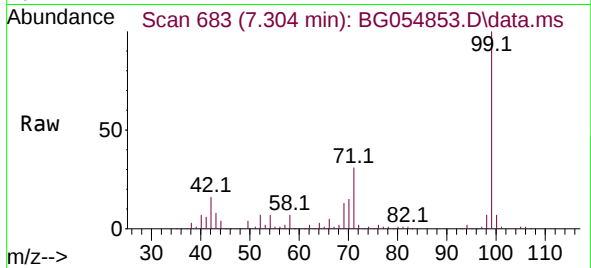
Tgt Ion: 93 Resp: 164500
Ion Ratio Lower Upper
93 100
66 38.2 31.8 47.8
65 19.5 16.6 25.0





#7
Phenol-d6
Concen: 133.864 ng
RT: 7.304 min Scan# 682
Delta R.T. 0.008 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

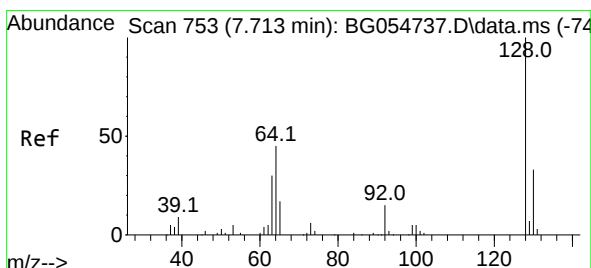
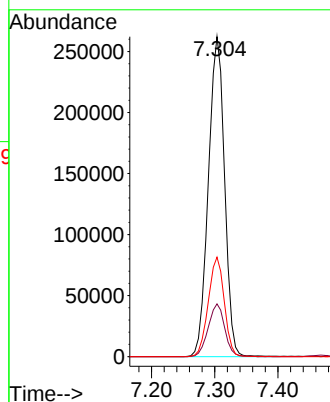
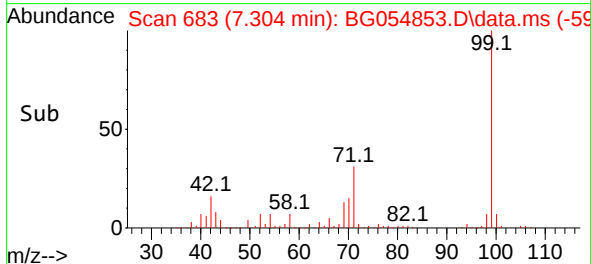
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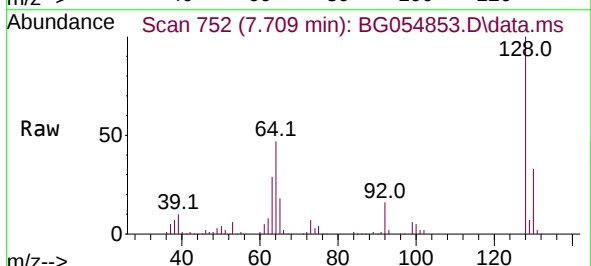
Tgt Ion: 99 Resp: 466389
Ion Ratio Lower Upper
99 100
42 16.5 14.6 22.0
71 31.1 24.6 37.0

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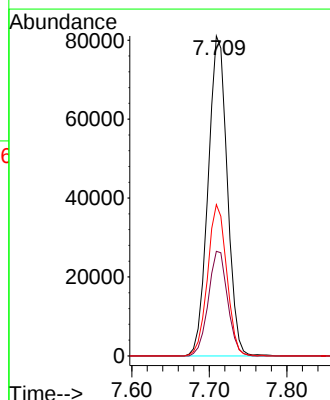
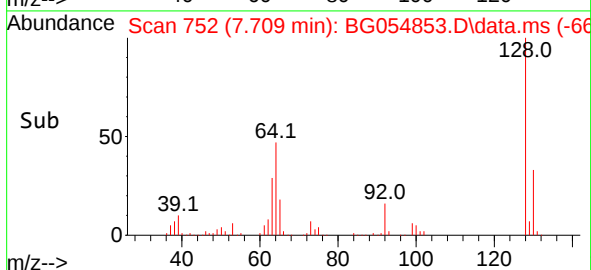
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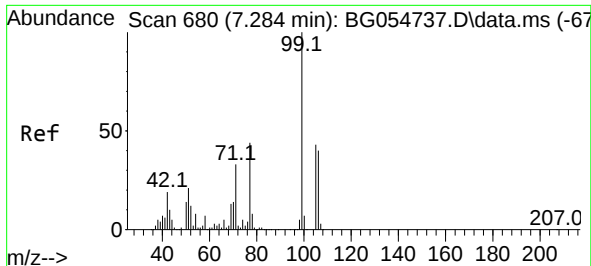


#8
2-Chlorophenol
Concen: 49.918 ng
RT: 7.709 min Scan# 752
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42



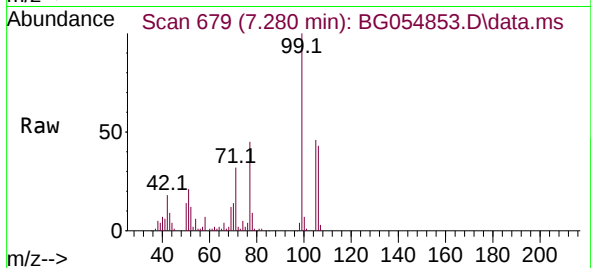
Tgt Ion:128 Resp: 138943
Ion Ratio Lower Upper
128 100
130 32.7 12.5 52.5
64 47.3 28.6 68.6





#9
Benzaldehyde
Concen: 16.032 ng
RT: 7.280 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

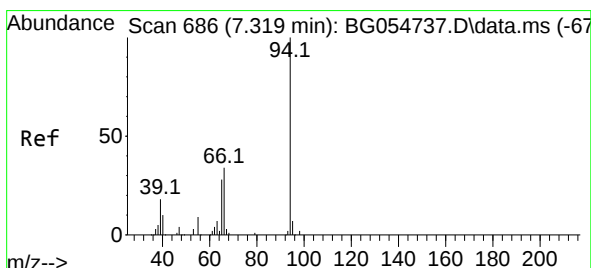
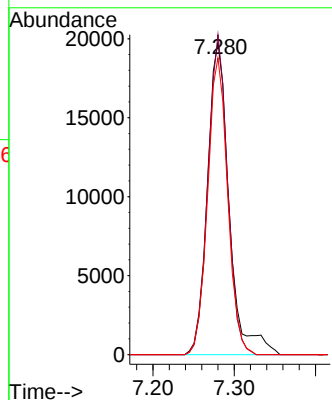
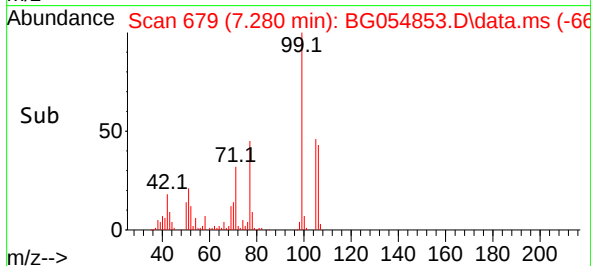
Instrument :
BNA_G
ClientSampleId :
PB147406BS



Tgt Ion: 77 Resp: 36609
Ion Ratio Lower Upper
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105 102.6 75.3 115.3
106 95.1 70.2 110.2

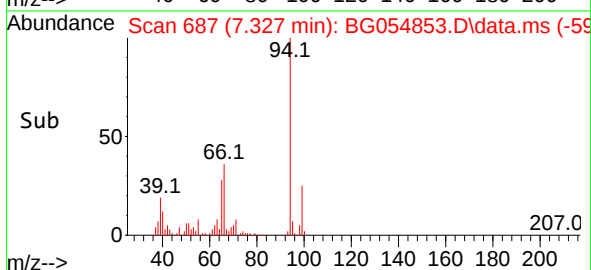
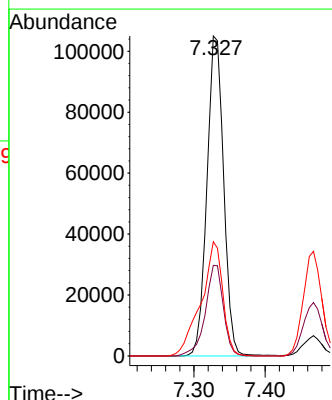
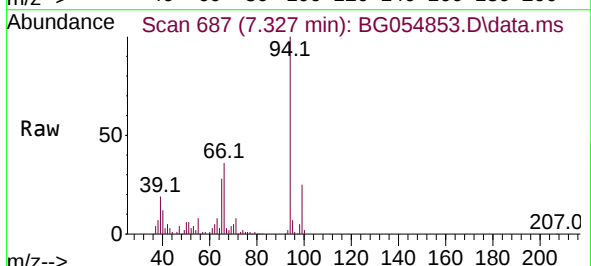
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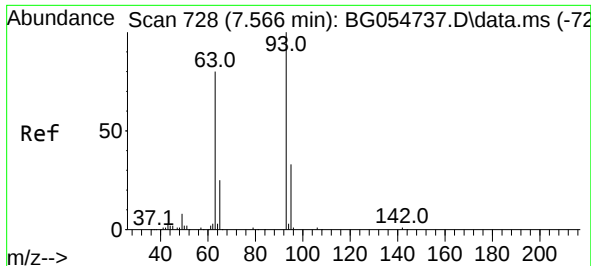
Reviewed By :Christian Giraldo 09/07/2022
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#10
Phenol
Concen: 47.736 ng
RT: 7.327 min Scan# 687
Delta R.T. 0.008 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

Tgt Ion: 94 Resp: 171037
Ion Ratio Lower Upper
94 100
65 28.3 9.9 49.9
66 35.7 16.4 56.4





#11
bis(2-Chloroethyl)ether
Concen: 43.109 ng
RT: 7.556 min Scan# 71
Delta R.T. -0.010 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

Instrument :

BNA_G

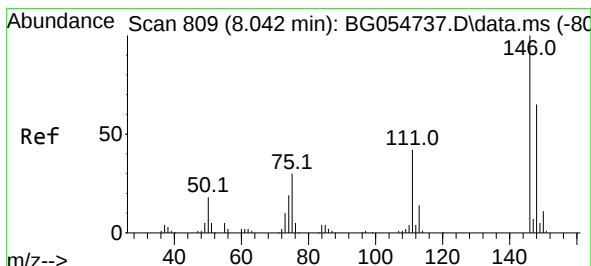
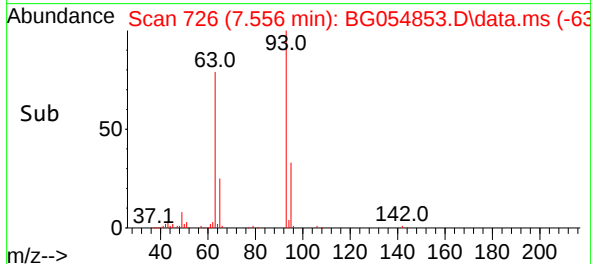
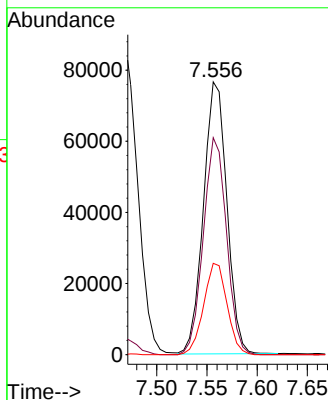
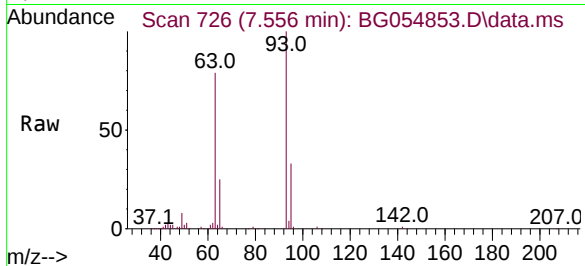
ClientSampleId :

PB147406BS

Tgt Ion: 93 Resp: 124224
Ion Ratio Lower Upper
93 100
63 79.5 62.1 102.1
95 33.5 12.1 52.1

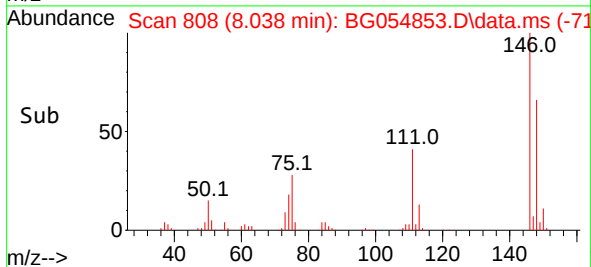
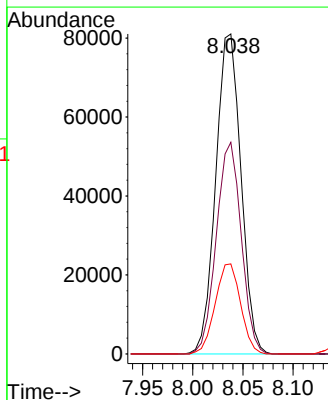
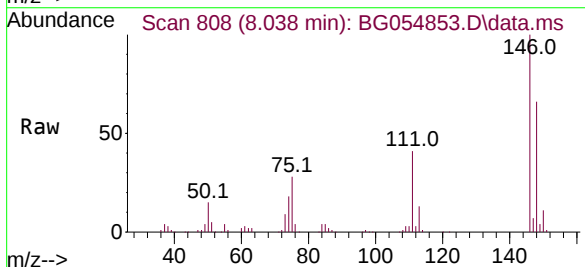
Manual Integrations
APPROVED

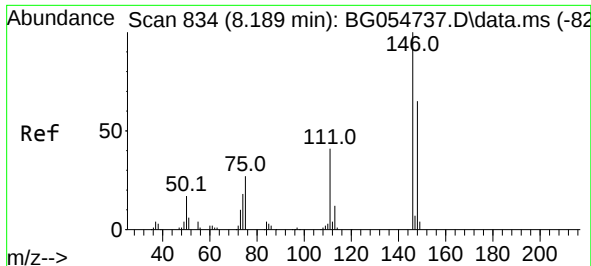
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#12
1,3-Dichlorobenzene
Concen: 44.091 ng
RT: 8.038 min Scan# 808
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

Tgt Ion:146 Resp: 142019
Ion Ratio Lower Upper
146 100
148 66.1 50.6 76.0
75 28.1 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 44.276 ng

RT: 8.185 min Scan# 834

Delta R.T. -0.004 min

Lab File: BG054853.D

Acq: 6 Sep 2022 15:42

Instrument :

BNA_G

ClientSampleId :

PB147406BS

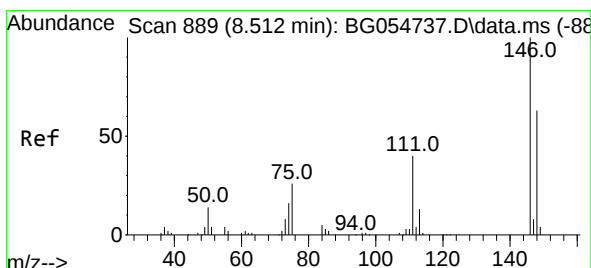
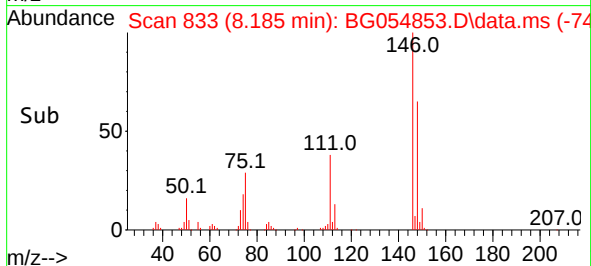
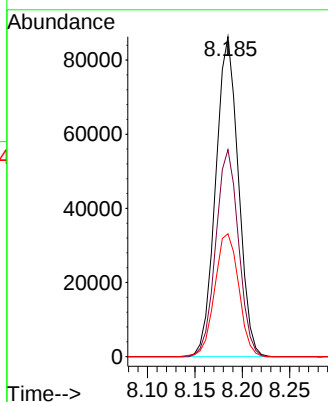
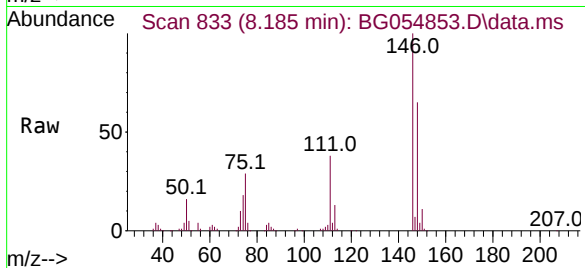
Tgt Ion:146 Resp: 143852
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.4 75.6
 111 38.4 33.0 49.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#14

1,2-Dichlorobenzene

Concen: 46.020 ng

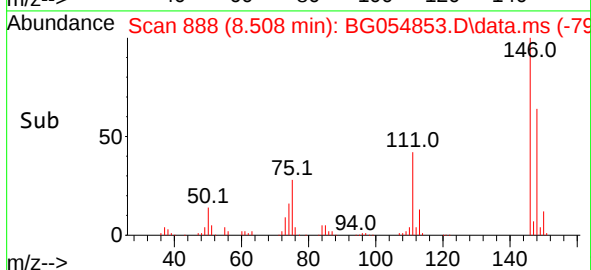
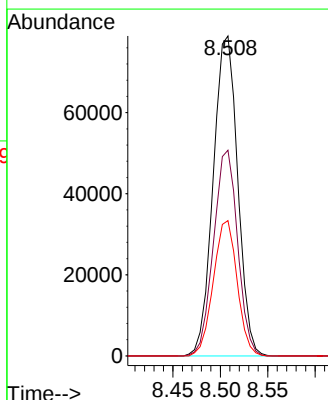
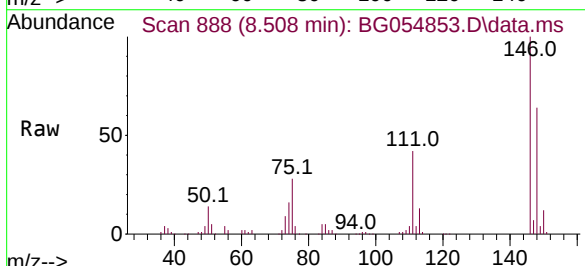
RT: 8.508 min Scan# 888

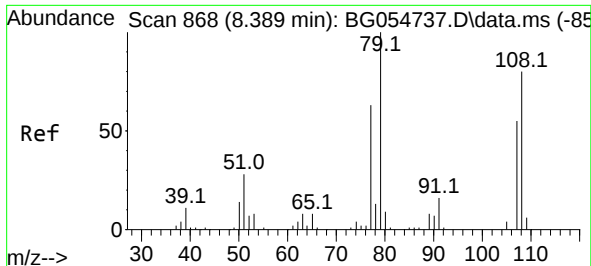
Delta R.T. -0.004 min

Lab File: BG054853.D

Acq: 6 Sep 2022 15:42

Tgt Ion:146 Resp: 141778
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.2 76.8
 111 42.3 34.3 51.5





#15
Benzyl Alcohol
Concen: 47.328 ng m
RT: 8.385 min Scan# 80
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

Instrument :

BNA_G

ClientSampleId :

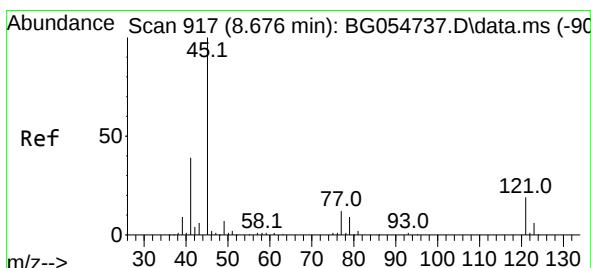
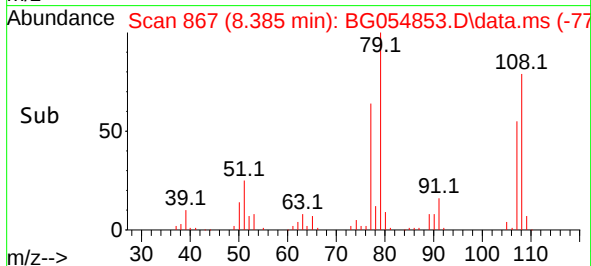
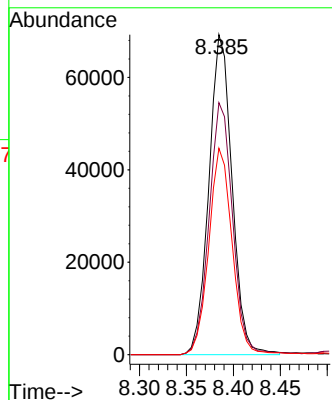
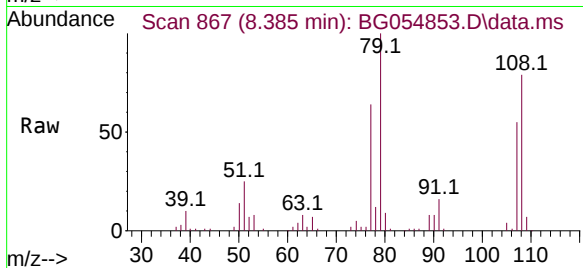
PB147406BS

Tgt Ion: 79 Resp: 119126
Ion Ratio Lower Upper
79 100
108 78.7 63.4 95.0
77 64.5 55.0 82.4

Manual Integrations

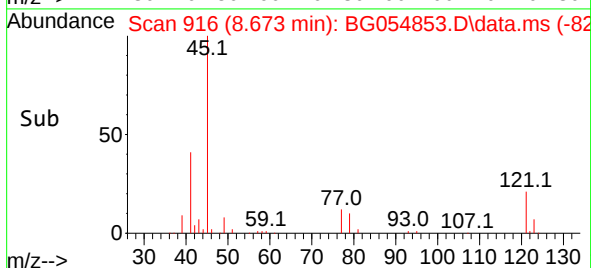
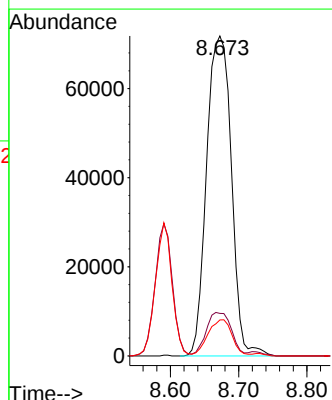
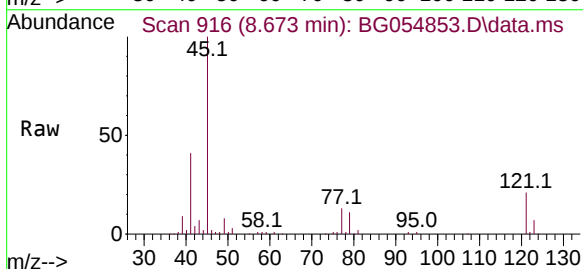
APPROVED

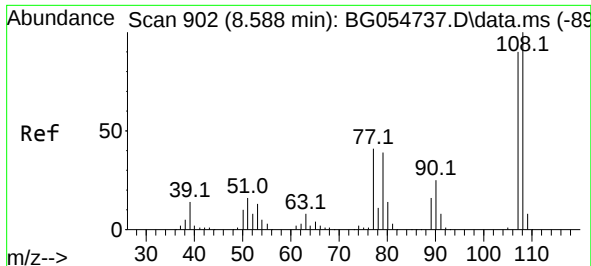
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.135 ng
RT: 8.673 min Scan# 916
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

Tgt Ion: 45 Resp: 180970
Ion Ratio Lower Upper
45 100
77 13.3 0.0 32.8
79 11.3 0.0 30.4





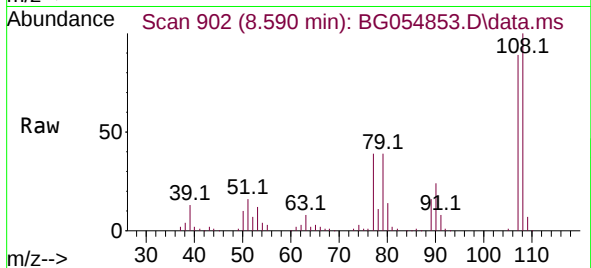
#17
2-Methylphenol
Concen: 48.228 ng
RT: 8.590 min Scan# 90
Delta R.T. 0.002 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

Instrument :

BNA_G

ClientSampleId :

PB147406BS

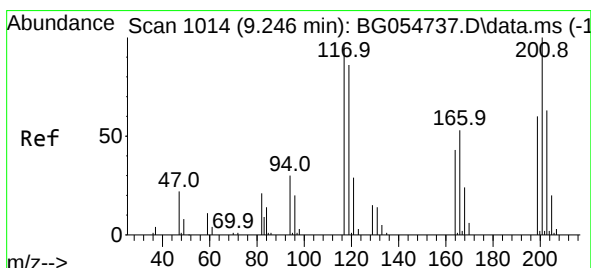
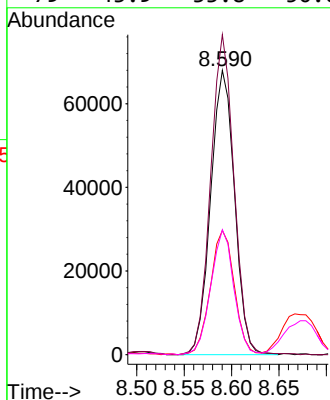
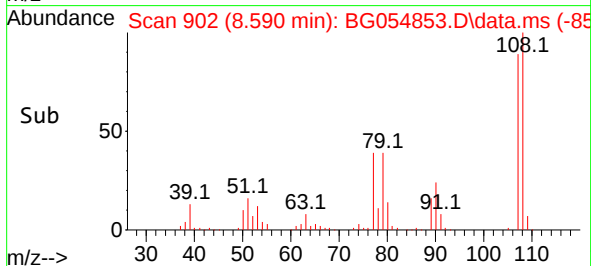


Tgt Ion:107 Resp: 118974
Ion Ratio Lower Upper
107 100
108 112.6 85.6 128.4
77 43.7 35.8 53.8
79 43.9 33.8 50.6

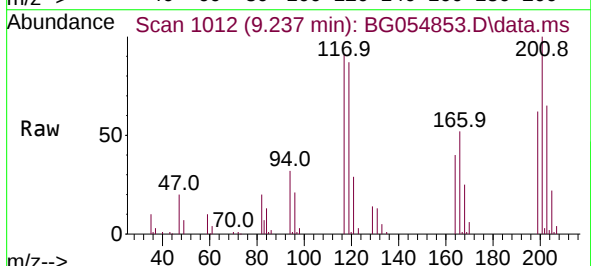
Manual Integrations

APPROVED

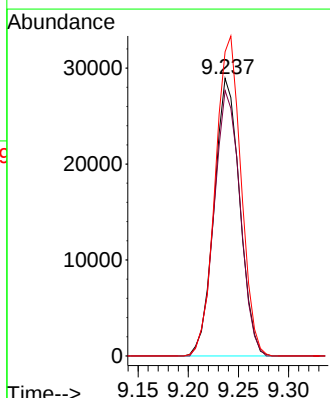
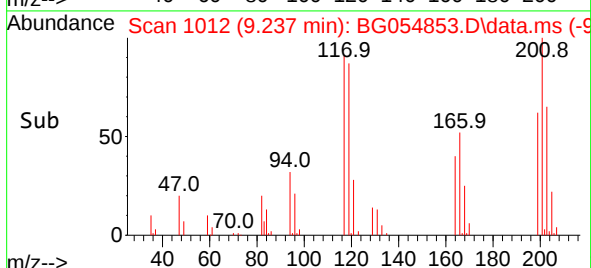
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

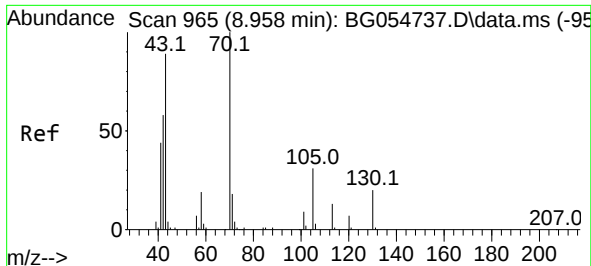


#18
Hexachloroethane
Concen: 43.495 ng
RT: 9.237 min Scan# 1012
Delta R.T. -0.010 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42



Tgt Ion:117 Resp: 51244
Ion Ratio Lower Upper
117 100
119 95.6 77.0 115.6
201 109.5 87.2 130.8





#19

n-Nitroso-di-n-propylamine

Concen: 43.132 ng

RT: 8.955 min Scan# 965

Delta R.T. -0.004 min

Lab File: BG054853.D

Acq: 6 Sep 2022 15:42

Instrument :

BNA_G

ClientSampleId :

PB147406BS

Tgt Ion: 70 Resp: 103338

Ion Ratio Lower Upper

70 100

42 55.4 46.6 69.8

101 9.3 7.7 11.5

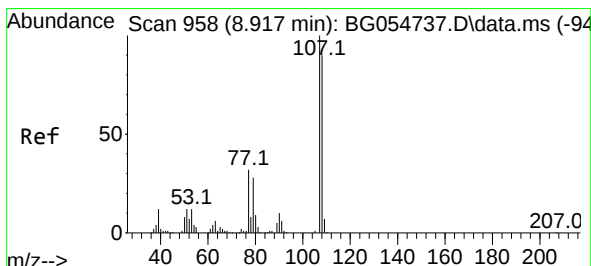
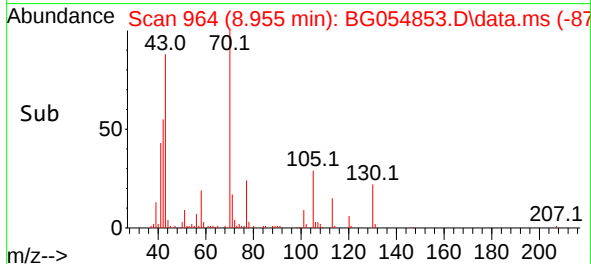
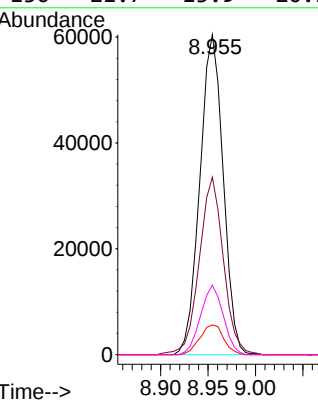
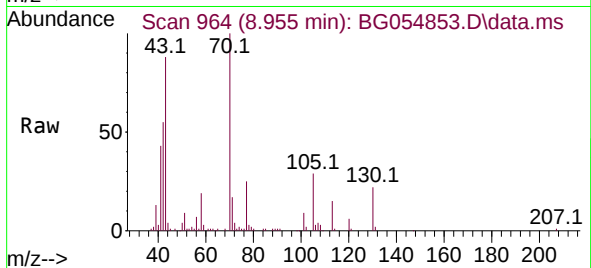
130 21.7 13.9 20.9#

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#20

3+4-Methylphenols

Concen: 47.380 ng

RT: 8.919 min Scan# 958

Delta R.T. 0.002 min

Lab File: BG054853.D

Acq: 6 Sep 2022 15:42

Tgt Ion:107 Resp: 162079

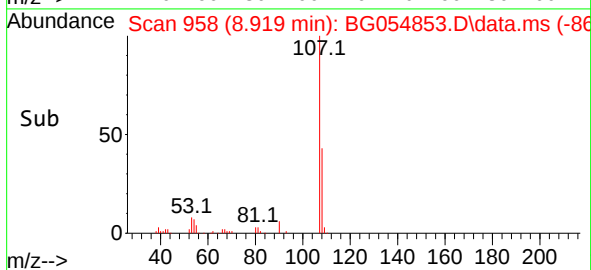
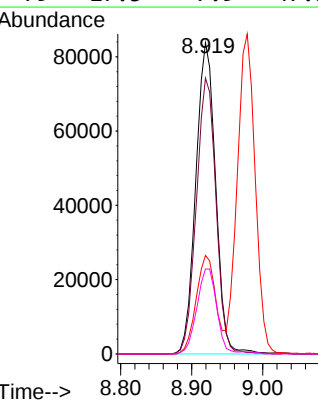
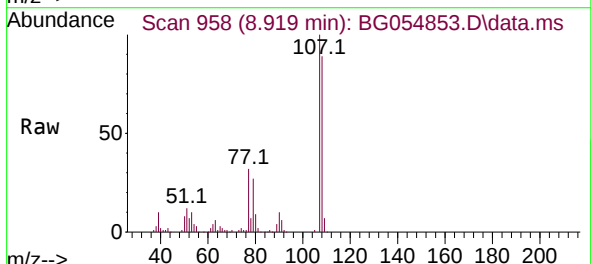
Ion Ratio Lower Upper

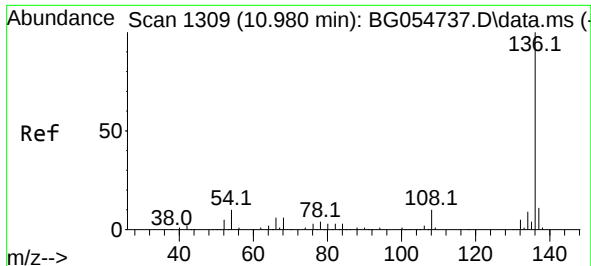
107 100

108 88.6 71.6 111.6

77 31.7 13.1 53.1

79 27.3 7.9 47.9





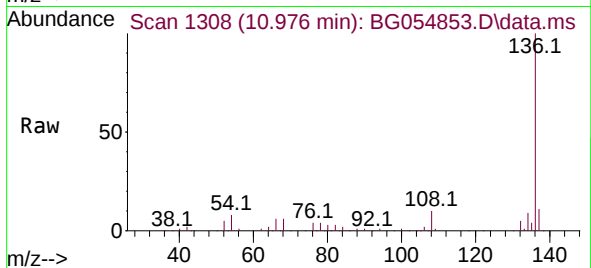
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.976 min Scan# 1308
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

Instrument :

BNA_G

ClientSampleId :

PB147406BS

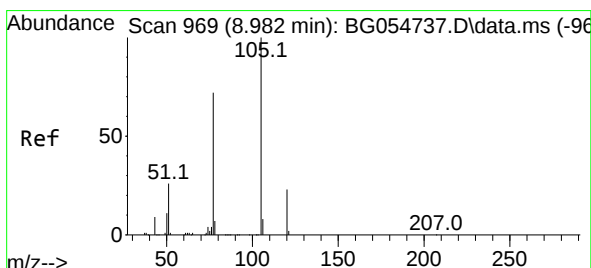
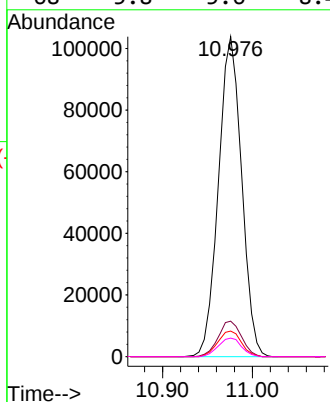
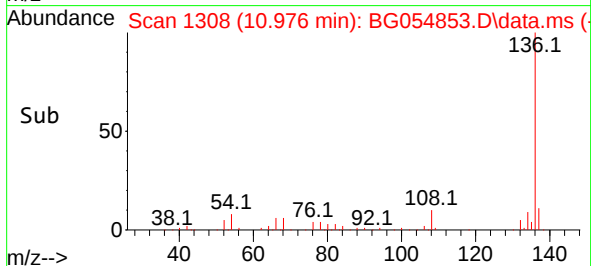


Tgt Ion:136 Resp: 186564
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 8.0 7.7 11.5
68 5.8 5.6 8.4

Manual Integrations

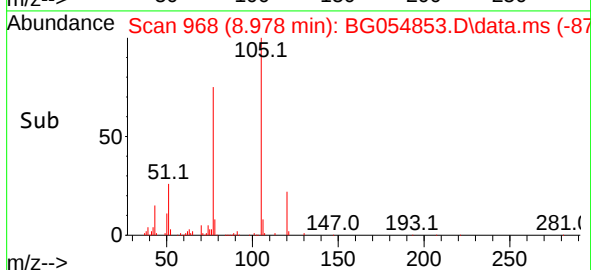
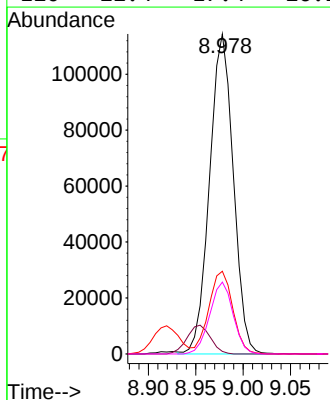
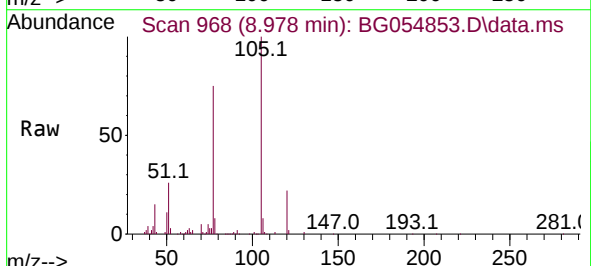
APPROVED

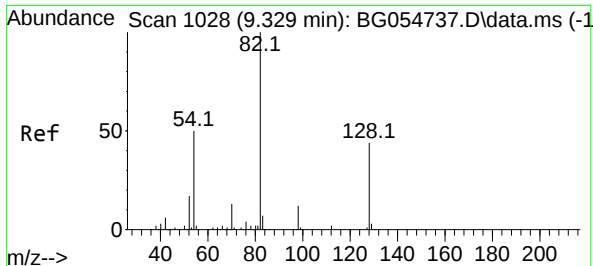
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#22
Acetophenone
Concen: 42.730 ng
RT: 8.978 min Scan# 968
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

Tgt Ion:105 Resp: 199439
Ion Ratio Lower Upper
105 100
71 0.8 1.2 1.8#
51 25.8 22.9 34.3
120 22.4 17.4 26.2





#23

Nitrobenzene-d5

Concen: 77.054 ng

RT: 9.325 min Scan# 1027

Delta R.T. -0.004 min

Lab File: BG054853.D

Acq: 6 Sep 2022 15:42

Instrument :

BNA_G

ClientSampleId :

PB147406BS

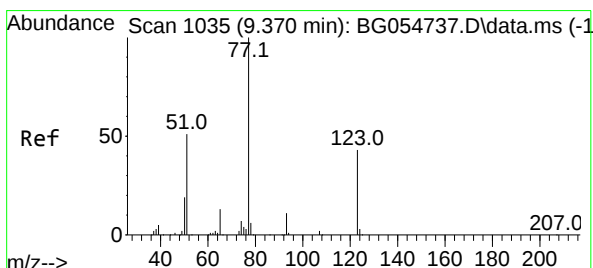
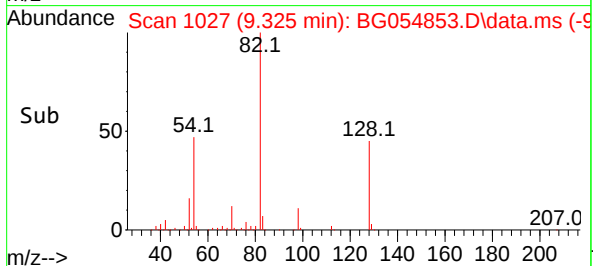
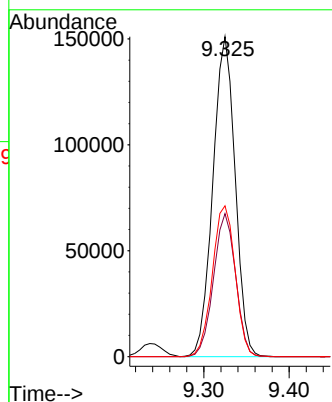
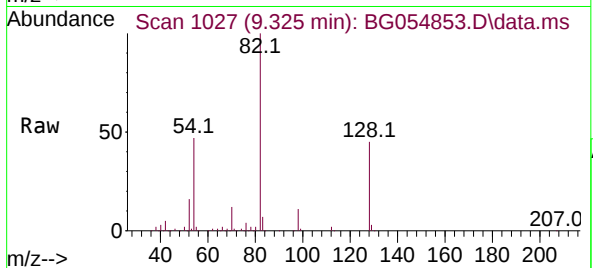
Tgt Ion:	82	Resp:	273839
Ion Ratio	Lower	Upper	
82	100		
128	44.7	32.2	48.2
54	47.1	41.4	62.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#24

Nitrobenzene

Concen: 40.991 ng

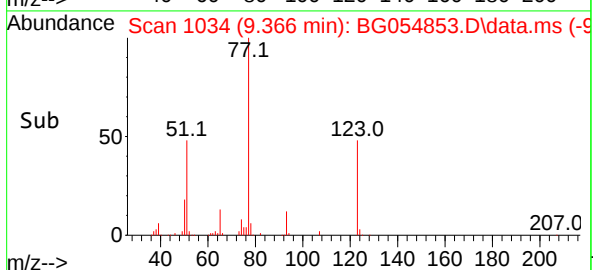
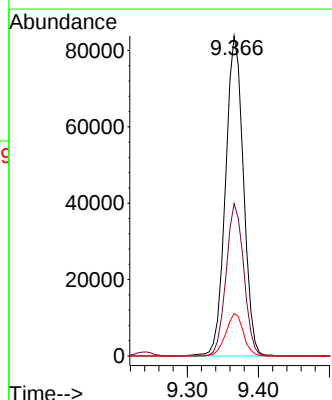
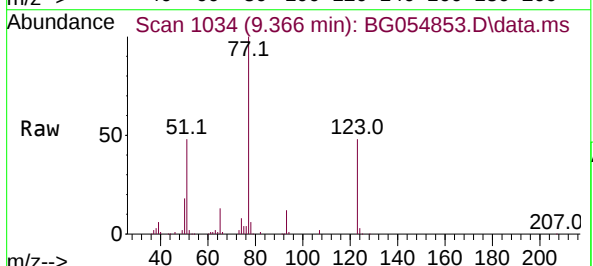
RT: 9.366 min Scan# 1034

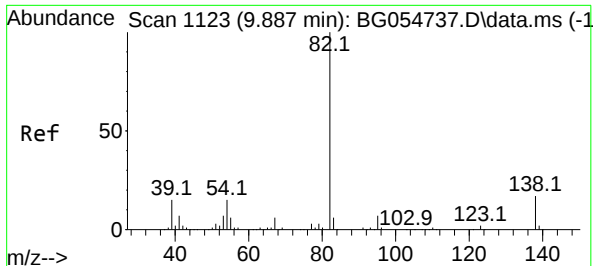
Delta R.T. -0.004 min

Lab File: BG054853.D

Acq: 6 Sep 2022 15:42

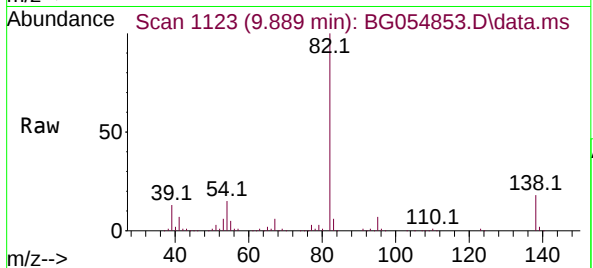
Tgt Ion:	77	Resp:	146832
Ion Ratio	Lower	Upper	
77	100		
123	47.6	35.0	52.6
65	13.2	10.2	15.2





#25
Isophorone
Concen: 43.399 ng
RT: 9.889 min Scan# 1123
Delta R.T. 0.002 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

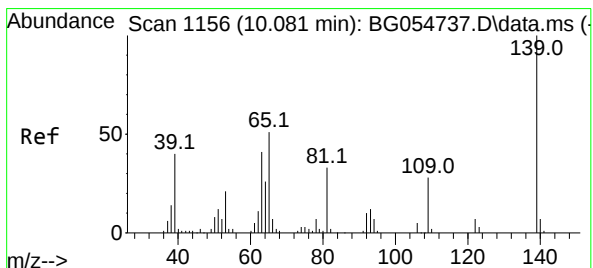
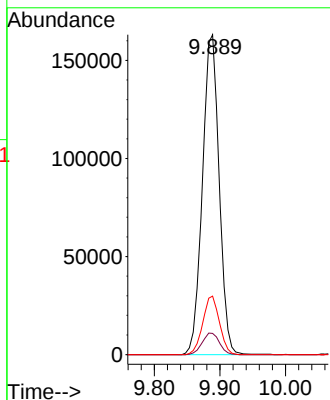
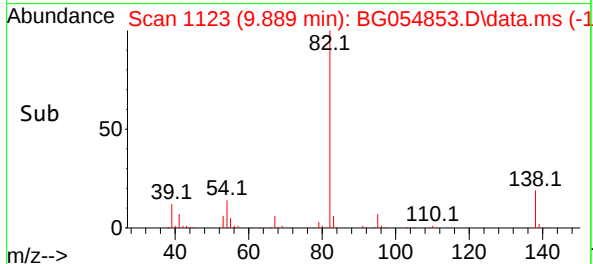
Instrument :
BNA_G
ClientSampleId :
PB147406BS



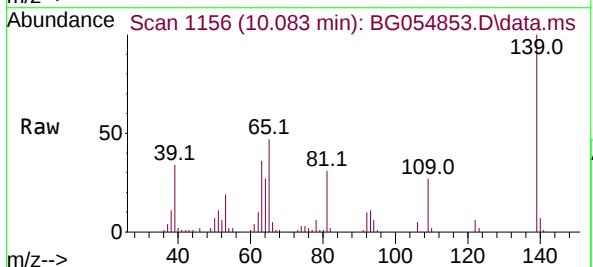
Tgt Ion: 82 Resp: 287580
Ion Ratio Lower Upper
82 100
95 6.6 5.6 8.4
138 18.3 13.9 20.9

Manual Integrations
APPROVED

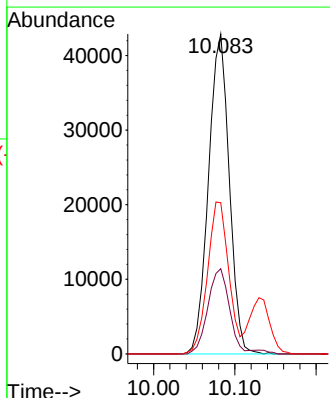
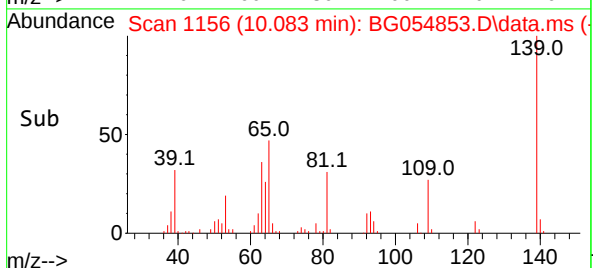
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

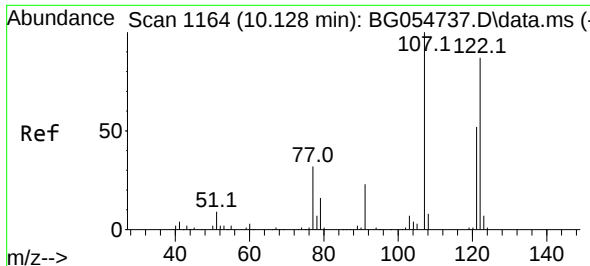


#26
2-Nitrophenol
Concen: 48.133 ng
RT: 10.083 min Scan# 1156
Delta R.T. 0.002 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42



Tgt Ion:139 Resp: 76160
Ion Ratio Lower Upper
139 100
109 26.6 21.8 32.6
65 47.2 37.4 56.0





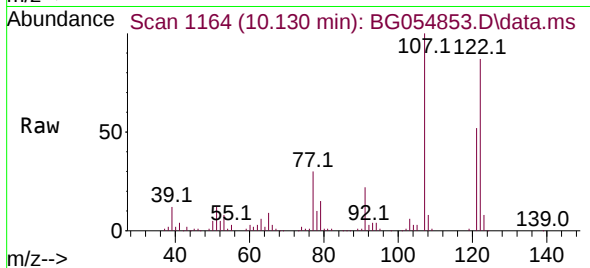
#27
2,4-Dimethylphenol
Concen: 52.888 ng
RT: 10.130 min Scan# 1164
Delta R.T. 0.002 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

Instrument :

BNA_G

ClientSampleId :

PB147406BS

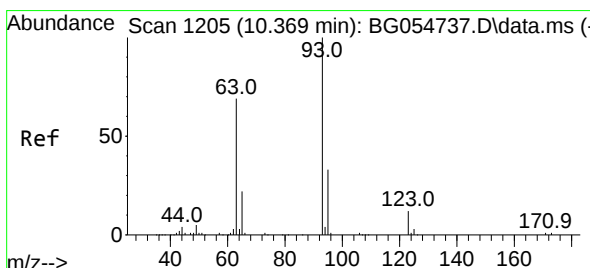
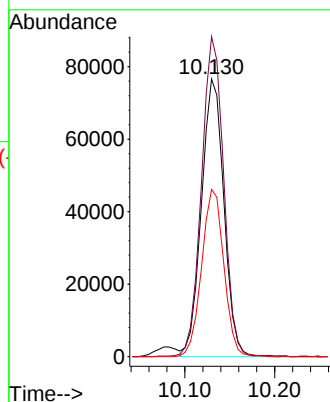
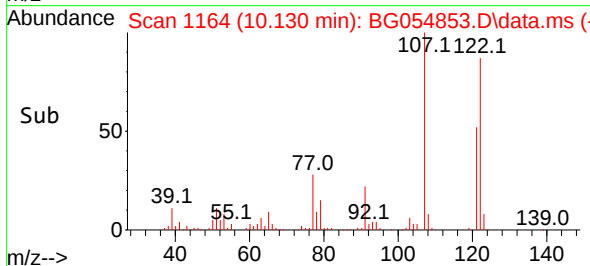


Tgt Ion:122 Resp: 132590
Ion Ratio Lower Upper
122 100
107 115.3 94.6 142.0
121 60.2 49.8 74.6

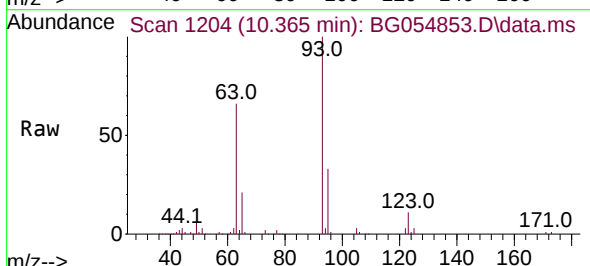
Manual Integrations

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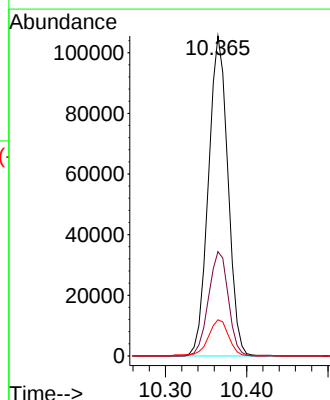
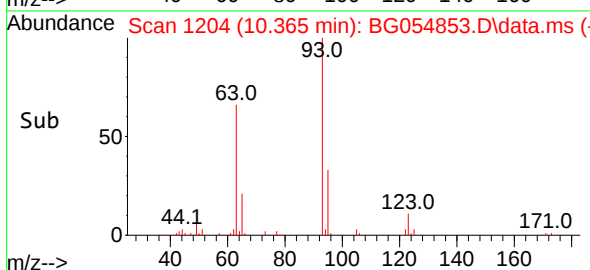
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

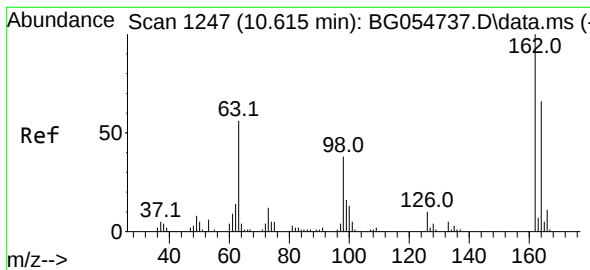


#28
bis(2-Chloroethoxy)methane
Concen: 46.611 ng
RT: 10.365 min Scan# 1204
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42



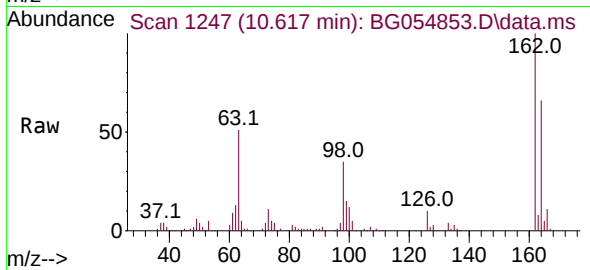
Tgt Ion: 93 Resp: 175997
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.2
123 11.3 8.4 12.6





#29
2,4-Dichlorophenol
Concen: 47.443 ng
RT: 10.617 min Scan# 1247
Delta R.T. 0.002 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

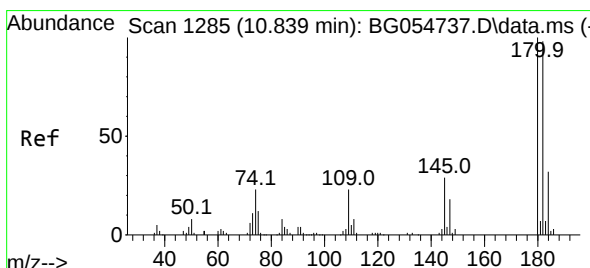
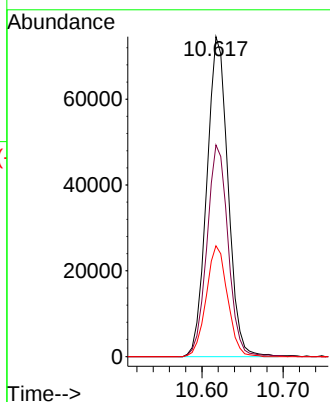
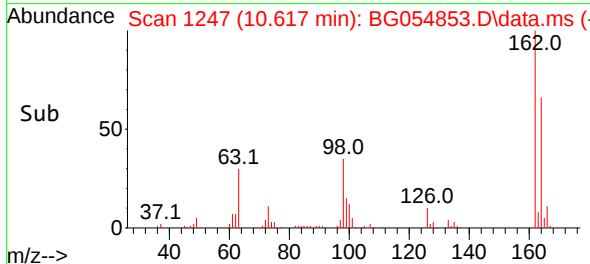
Instrument :
BNA_G
ClientSampleId :
PB147406BS



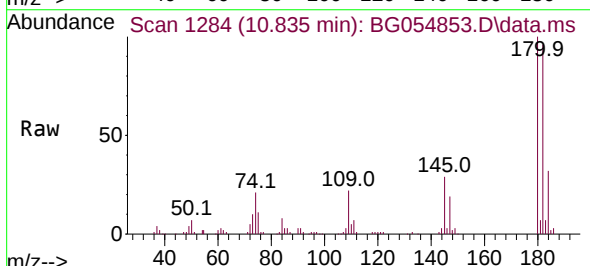
Tgt Ion:162 Resp: 135283
Ion Ratio Lower Upper
162 100
164 66.1 47.2 87.2
98 34.6 16.6 56.6

Manual Integrations
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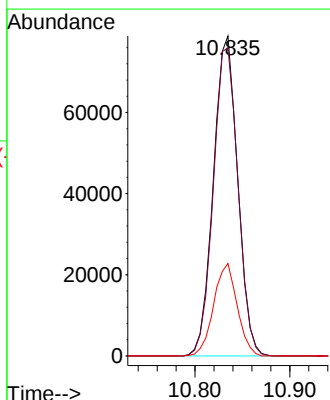
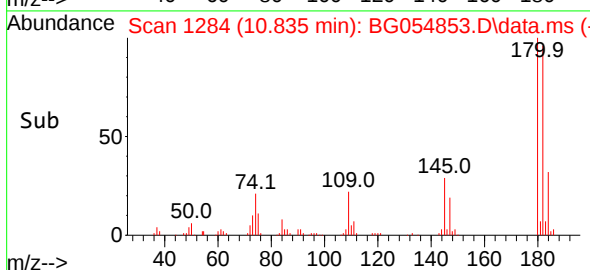
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

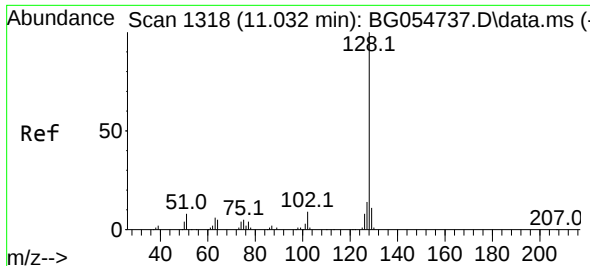


#30
1,2,4-Trichlorobenzene
Concen: 43.068 ng
RT: 10.835 min Scan# 1284
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42



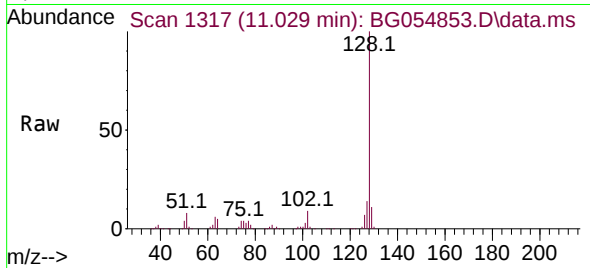
Tgt Ion:180 Resp: 140342
Ion Ratio Lower Upper
180 100
182 96.3 77.0 115.6
145 28.9 24.0 36.0





#31
Naphthalene
Concen: 41.760 ng
RT: 11.029 min Scan# 1199
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

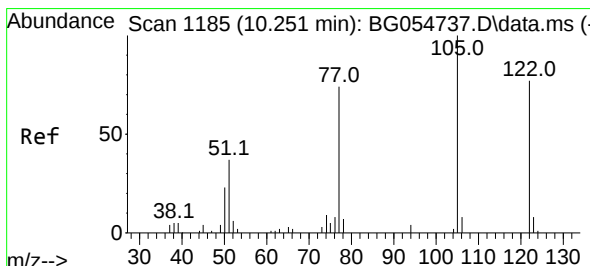
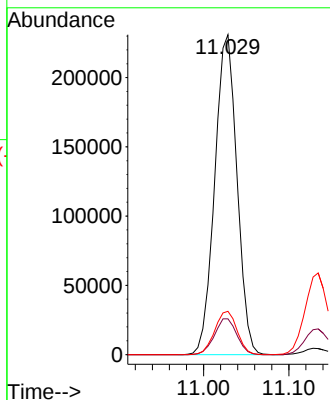
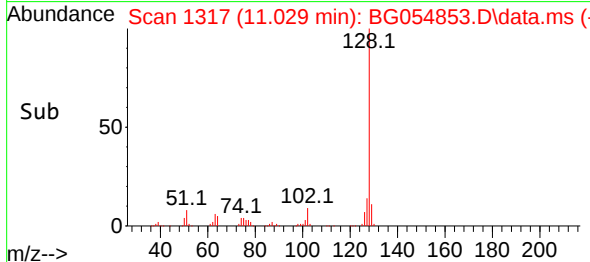
Instrument :
BNA_G
ClientSampleId :
PB147406BS



Tgt Ion:128 Resp: 417999
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.5 11.1 16.7

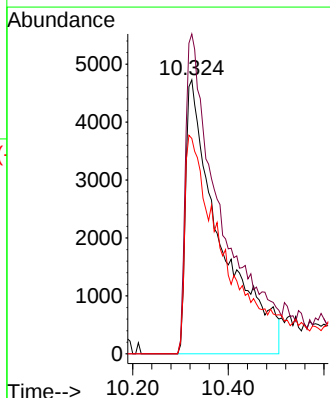
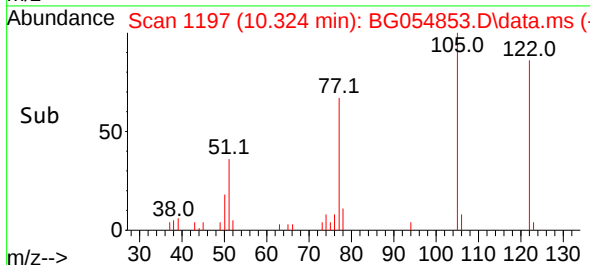
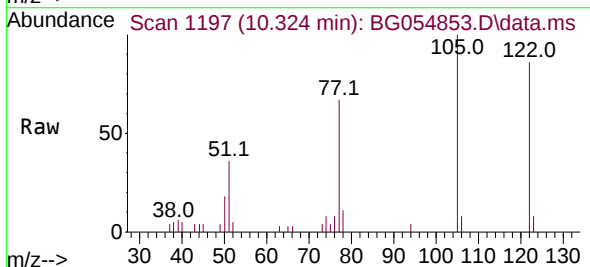
Manual Integrations
APPROVED

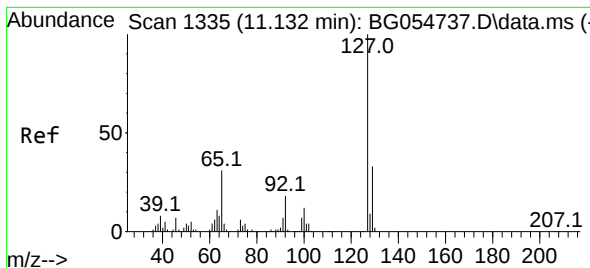
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#32
Benzoic acid
Concen: 18.850 ng m
RT: 10.324 min Scan# 1197
Delta R.T. 0.073 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

Tgt Ion:122 Resp: 23610
Ion Ratio Lower Upper
122 100
105 116.8 101.5 141.5
77 78.6 69.3 109.3





#33
4-Chloroaniline
Concen: 27.885 ng
RT: 11.134 min Scan# 1335
Delta R.T. 0.002 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

Instrument :

BNA_G

ClientSampleId :

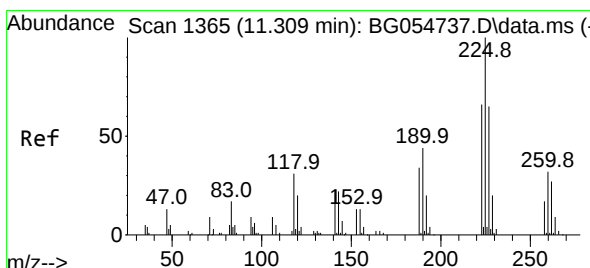
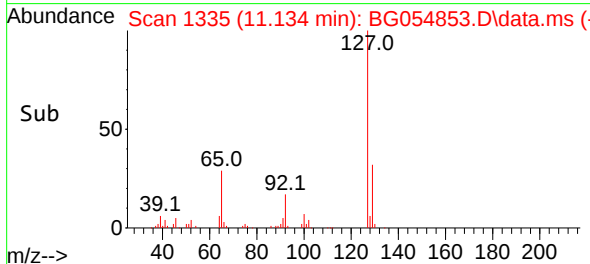
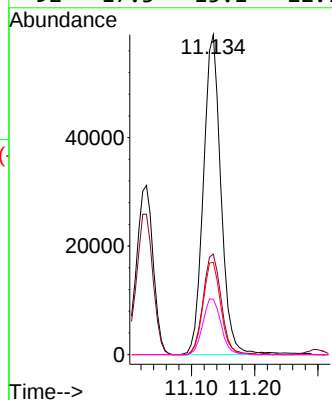
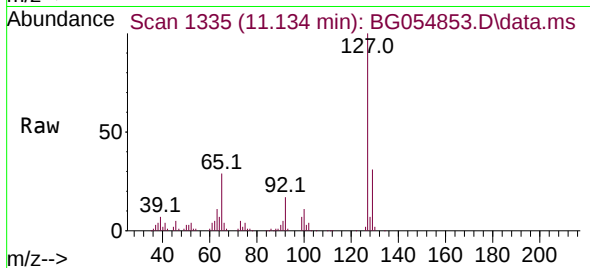
PB147406BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.0	39.0
65	28.8	25.8	38.8
92	17.3	15.1	22.7

Manual Integrations

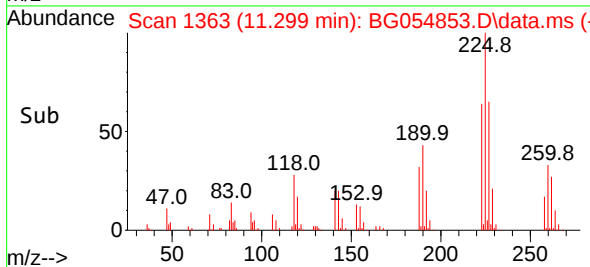
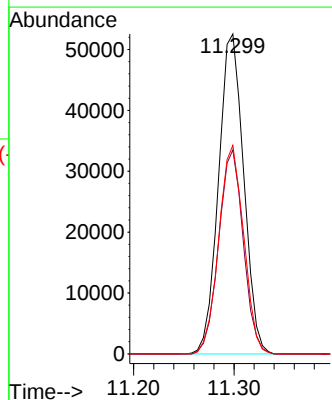
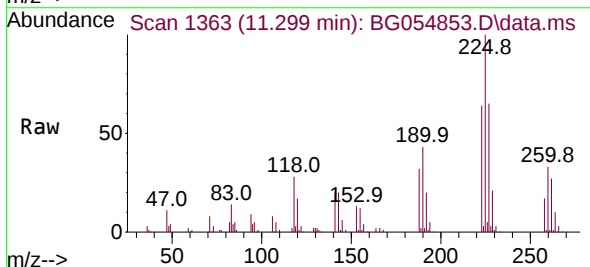
APPROVED

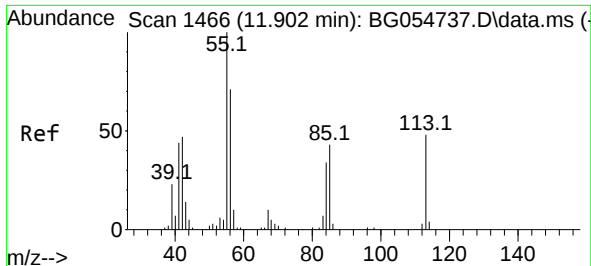
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#34
Hexachlorobutadiene
Concen: 43.849 ng
RT: 11.299 min Scan# 1363
Delta R.T. -0.010 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

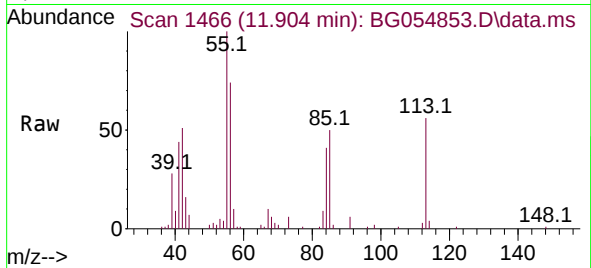
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.4	77.0
227	65.2	52.6	79.0





#35
Caprolactam
Concen: 46.888 ng m
RT: 11.904 min Scan# 1466
Delta R.T. 0.002 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

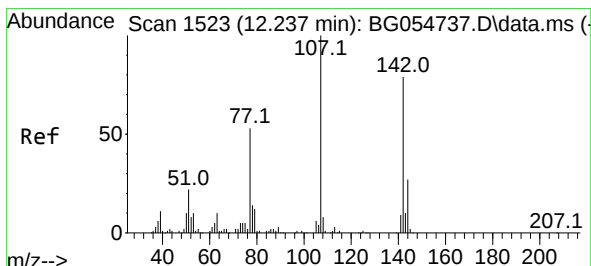
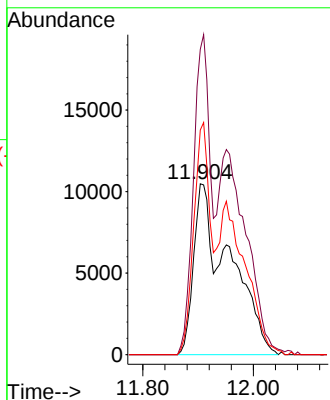
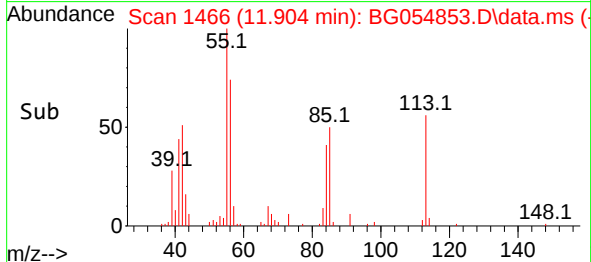
Instrument :
BNA_G
ClientSampleId :
PB147406BS



Tgt Ion:113 Resp: 47170
Ion Ratio Lower Upper
113 100
55 178.8 179.1 219.1
56 131.5 120.8 160.8

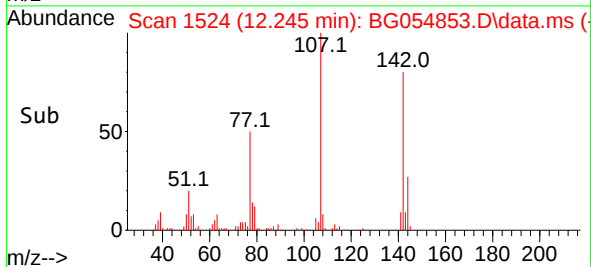
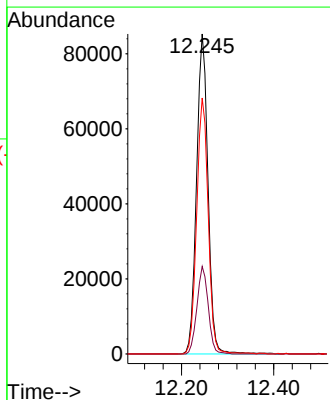
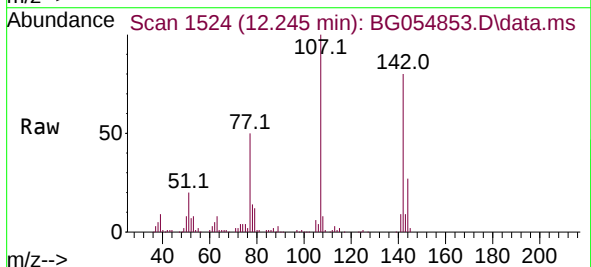
Manual Integrations
APPROVED

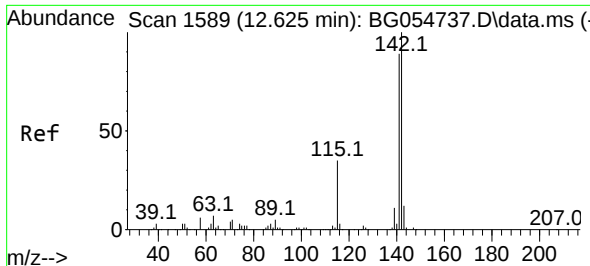
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#36
4-Chloro-3-methylphenol
Concen: 46.863 ng
RT: 12.245 min Scan# 1524
Delta R.T. 0.008 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

Tgt Ion:107 Resp: 146129
Ion Ratio Lower Upper
107 100
144 27.3 22.4 33.6
142 80.0 65.8 98.8





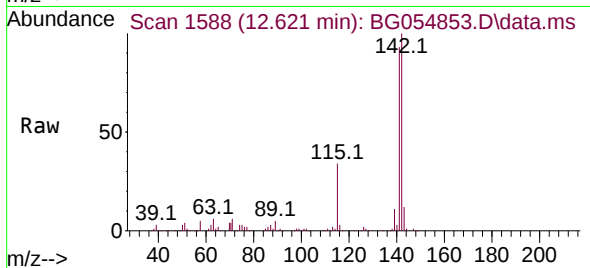
#37
2-Methylnaphthalene
Concen: 42.887 ng
RT: 12.621 min Scan# 1589
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

Instrument :

BNA_G

ClientSampleId :

PB147406BS

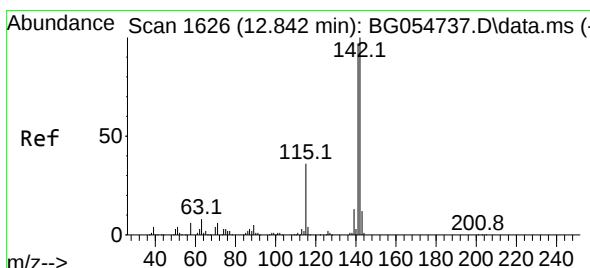
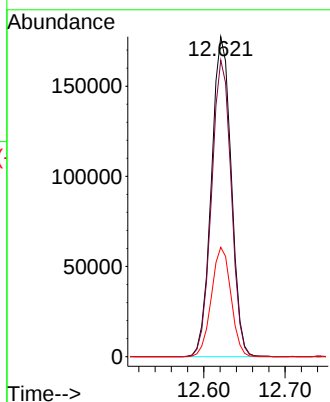
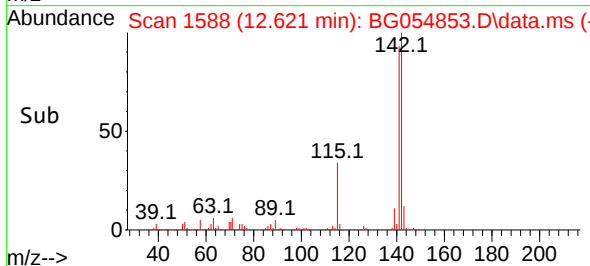


Tgt Ion:142 Resp: 300878
Ion Ratio Lower Upper
142 100
141 92.7 73.0 109.4
115 34.2 27.3 40.9

Manual Integrations

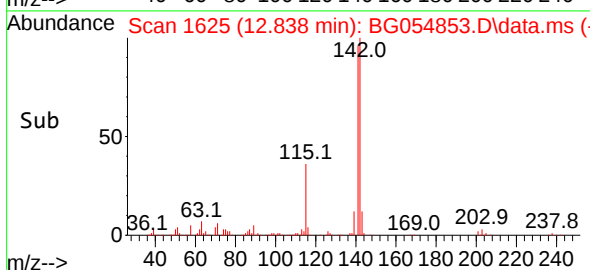
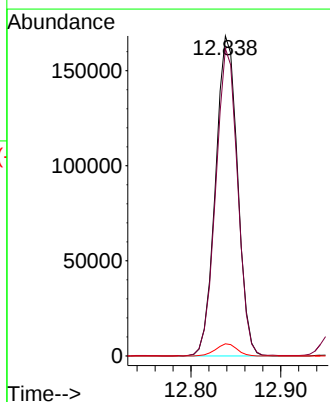
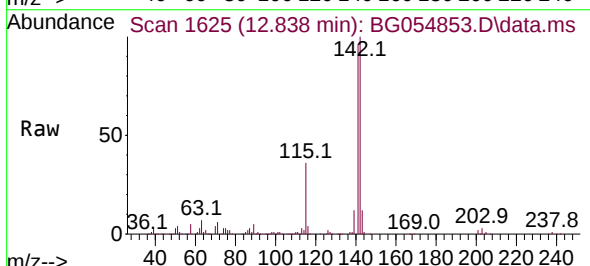
APPROVED

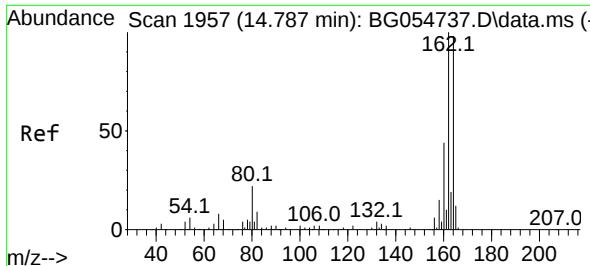
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#38
1-Methylnaphthalene
Concen: 42.016 ng
RT: 12.838 min Scan# 1625
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

Tgt Ion:142 Resp: 286787
Ion Ratio Lower Upper
142 100
141 96.0 77.4 116.0
116 3.8 3.0 4.4





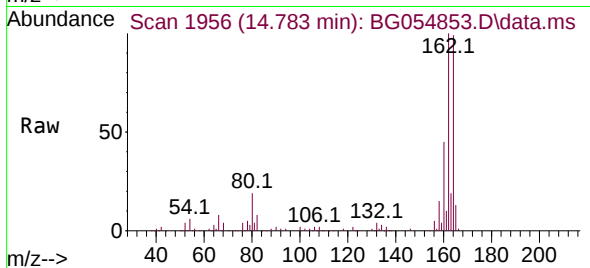
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.783 min Scan# 1957
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

Instrument :

BNA_G

ClientSampleId :

PB147406BS

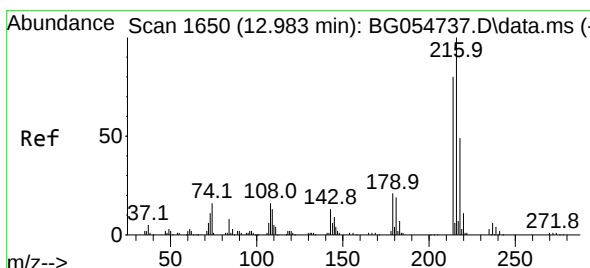
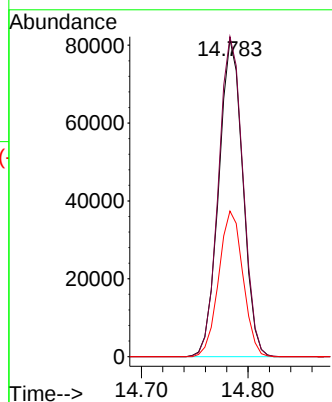
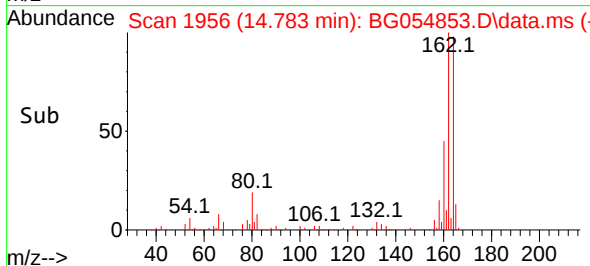


Tgt Ion:164 Resp: 127679
Ion Ratio Lower Upper
164 100
162 100.8 83.0 124.4
160 45.9 38.0 57.0

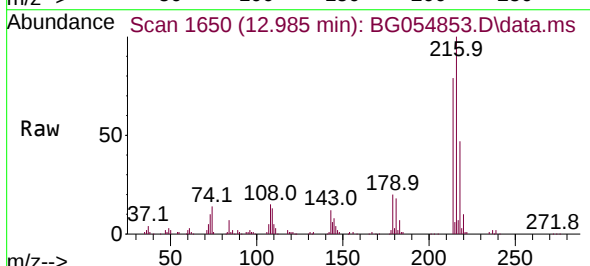
Manual Integrations

APPROVED

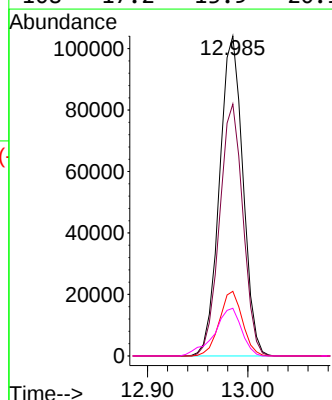
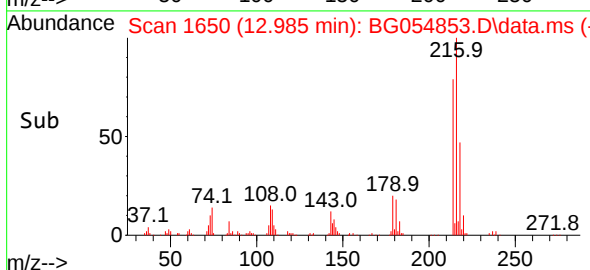
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

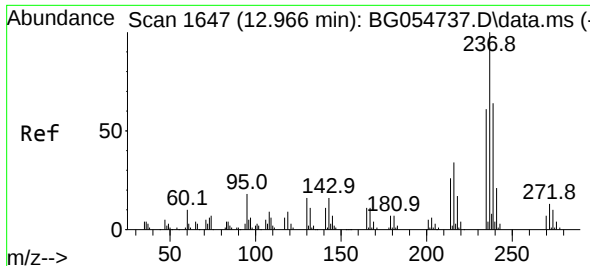


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.928 ng
RT: 12.985 min Scan# 1650
Delta R.T. 0.002 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42



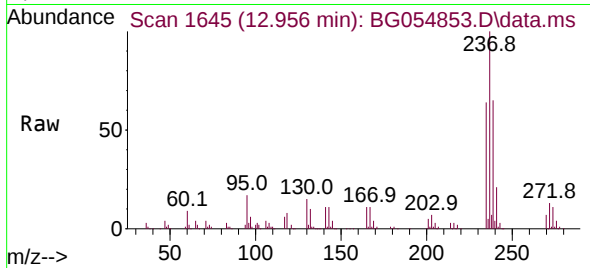
Tgt Ion:216 Resp: 169070
Ion Ratio Lower Upper
216 100
214 78.4 63.2 94.8
179 19.8 16.5 24.7
108 17.2 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 81.373 ng
RT: 12.956 min Scan# 1109
Delta R.T. -0.010 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

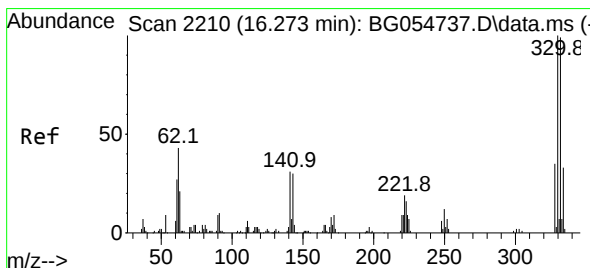
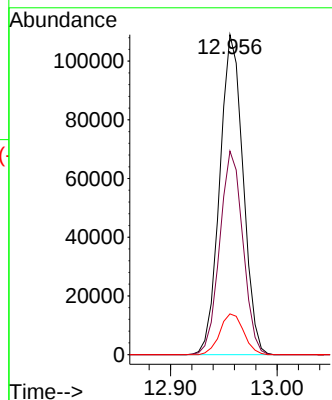
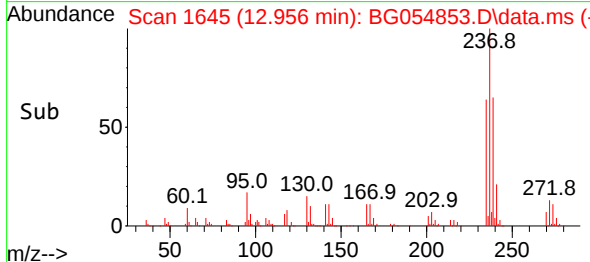
Instrument :
BNA_G
ClientSampleId :
PB147406BS



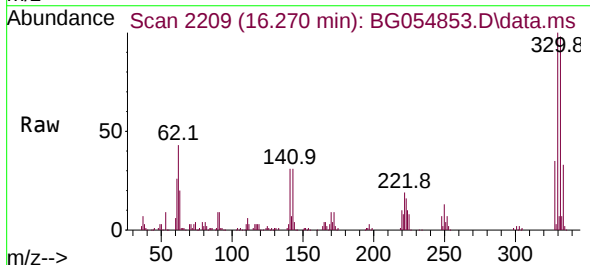
Tgt Ion:237 Resp: 166094
Ion Ratio Lower Upper
237 100
235 63.6 42.2 82.2
272 12.7 0.0 34.0

Manual Integrations
APPROVED

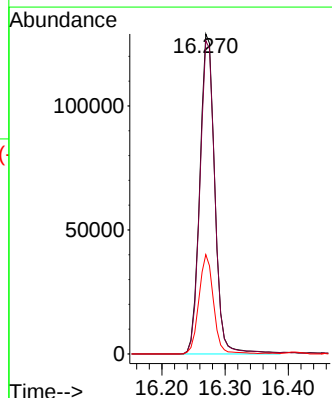
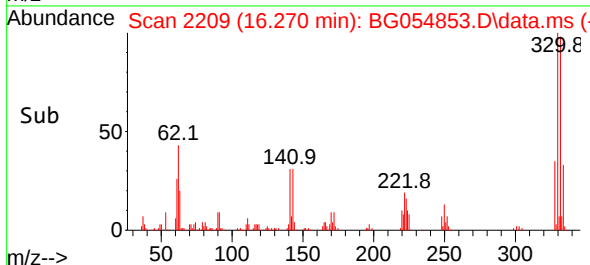
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

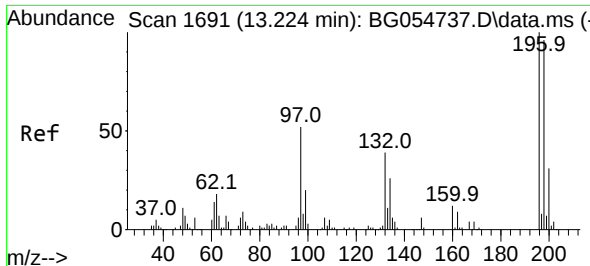


#42
2,4,6-Tribromophenol
Concen: 133.125 ng
RT: 16.270 min Scan# 2209
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42



Tgt Ion:330 Resp: 212392
Ion Ratio Lower Upper
330 100
332 97.6 79.8 119.6
141 30.2 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 43.005 ng

RT: 13.220 min Scan# 1691

Delta R.T. -0.004 min

Lab File: BG054853.D

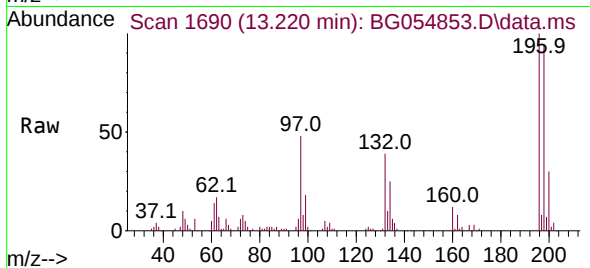
Acq: 6 Sep 2022 15:42

Instrument :

BNA_G

ClientSampleId :

PB147406BS



Tgt Ion:196 Resp: 109862

Ion Ratio Lower Upper

196 100

198 93.8 77.1 115.7

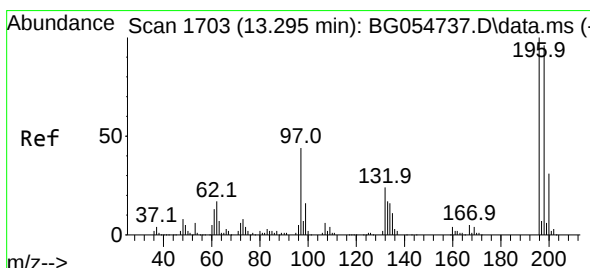
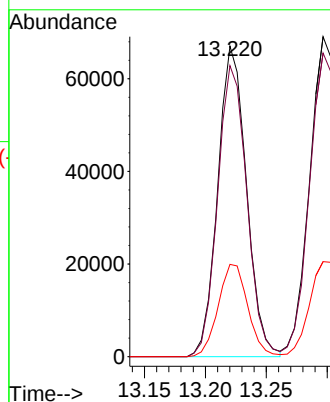
200 29.7 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#44

2,4,5-Trichlorophenol

Concen: 42.737 ng

RT: 13.297 min Scan# 1703

Delta R.T. 0.002 min

Lab File: BG054853.D

Acq: 6 Sep 2022 15:42

Tgt Ion:196 Resp: 122611

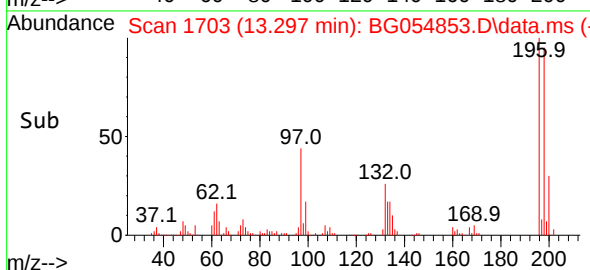
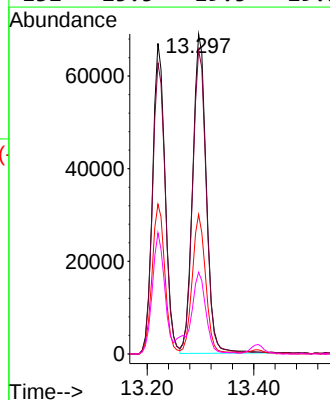
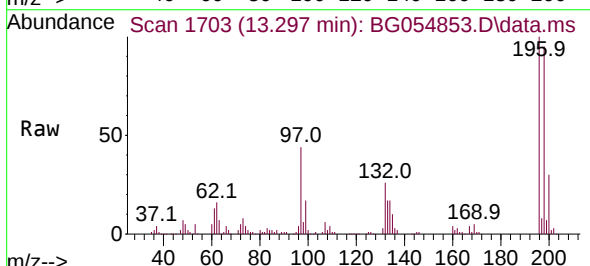
Ion Ratio Lower Upper

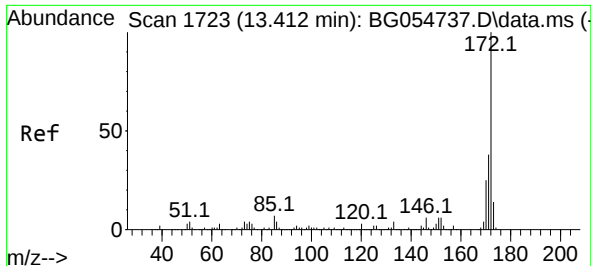
196 100

198 94.9 76.7 115.1

97 43.6 36.6 55.0

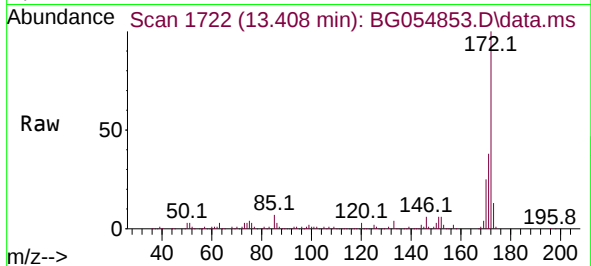
132 25.5 19.5 29.3





#45
2-Fluorobiphenyl
Concen: 78.947 ng
RT: 13.408 min Scan# 1722
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

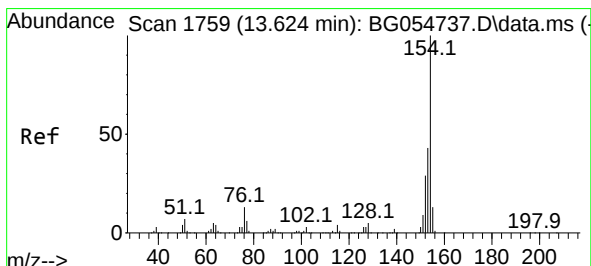
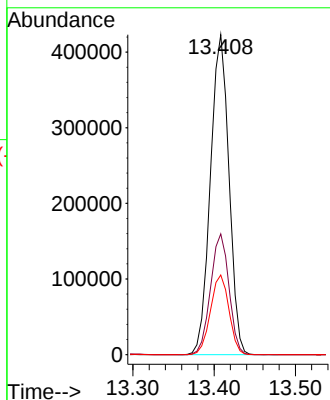
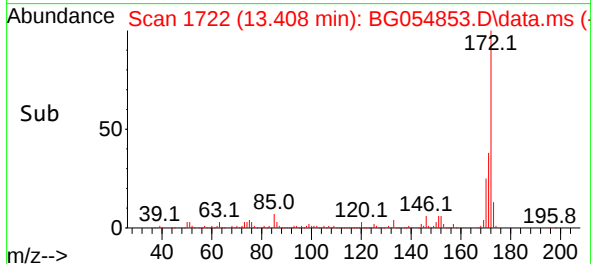
Instrument :
BNA_G
ClientSampleId :
PB147406BS



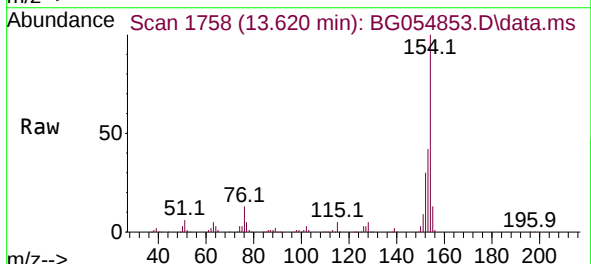
Tgt Ion:172 Resp: 670642
Ion Ratio Lower Upper
172 100
171 37.7 31.2 46.8
170 24.9 20.6 30.8

Manual Integrations
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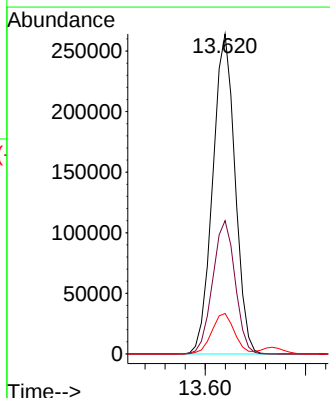
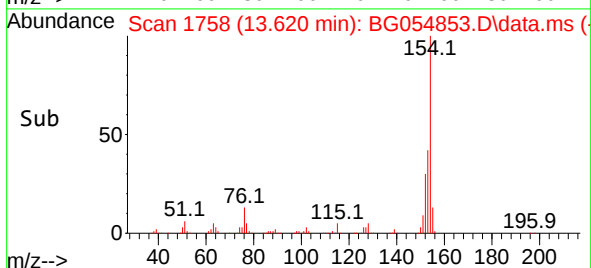
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

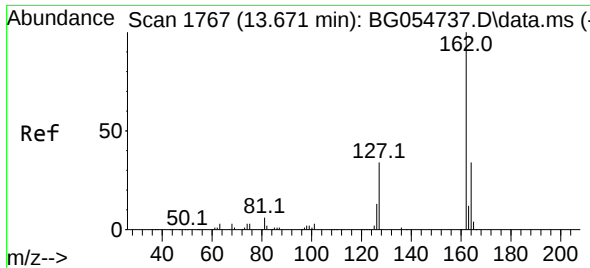


#46
1,1'-Biphenyl
Concen: 43.074 ng
RT: 13.620 min Scan# 1758
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42



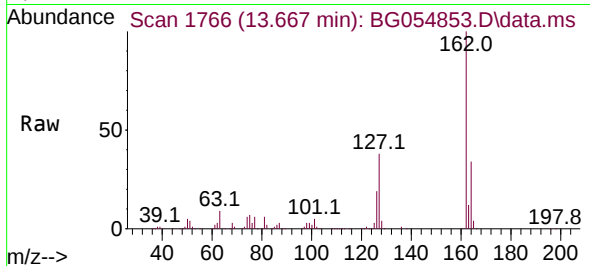
Tgt Ion:154 Resp: 408407
Ion Ratio Lower Upper
154 100
153 41.6 22.2 62.2
76 12.7 0.0 34.0





#47
2-Chloronaphthalene
Concen: 42.349 ng
RT: 13.667 min Scan# 1767
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

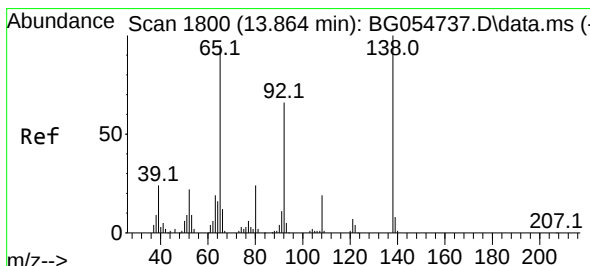
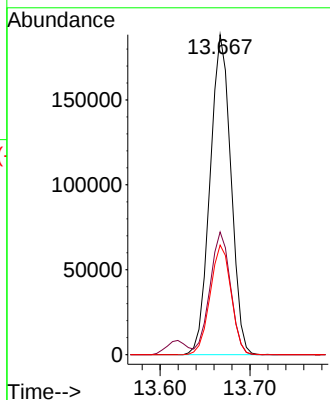
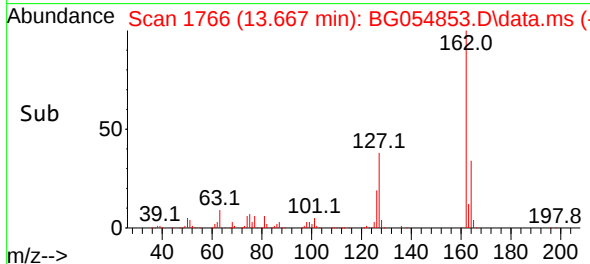
Instrument :
BNA_G
ClientSampleId :
PB147406BS



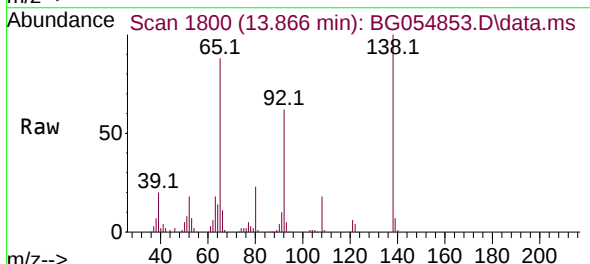
Tgt Ion:162 Resp: 304946
Ion Ratio Lower Upper
162 100
127 38.4 31.5 47.3
164 34.2 27.8 41.6

Manual Integrations
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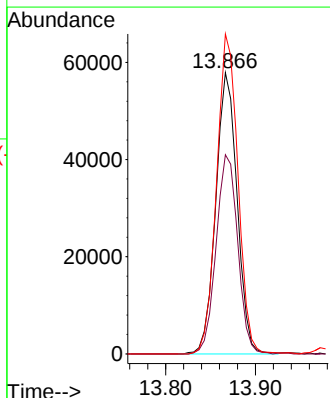
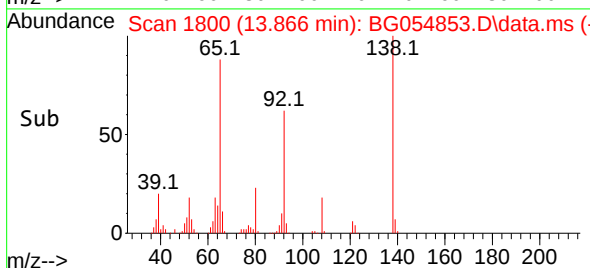
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

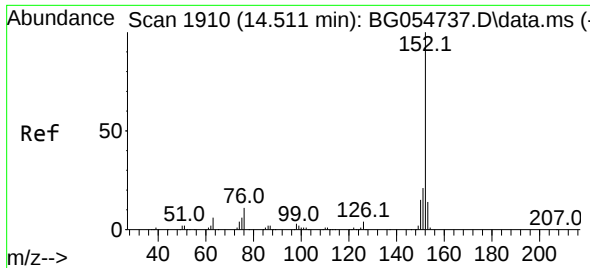


#48
2-Nitroaniline
Concen: 42.447 ng
RT: 13.866 min Scan# 1800
Delta R.T. 0.002 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42



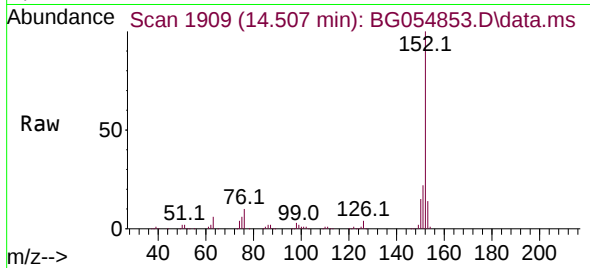
Tgt Ion: 65 Resp: 95789
Ion Ratio Lower Upper
65 100
92 70.8 54.7 82.1
138 113.8 84.1 126.1





#49
Acenaphthylene
Concen: 42.350 ng
RT: 14.507 min Scan# 1910
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

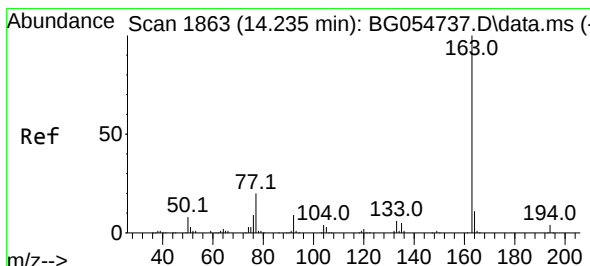
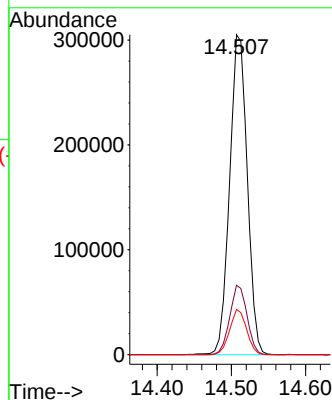
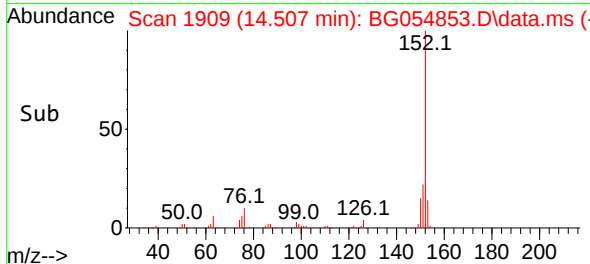
Instrument :
BNA_G
ClientSampleId :
PB147406BS



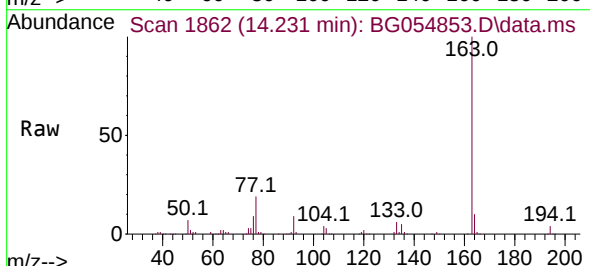
Tgt Ion:152 Resp: 503223
Ion Ratio Lower Upper
152 100
151 21.7 17.3 25.9
153 14.1 10.8 16.2

Manual Integrations
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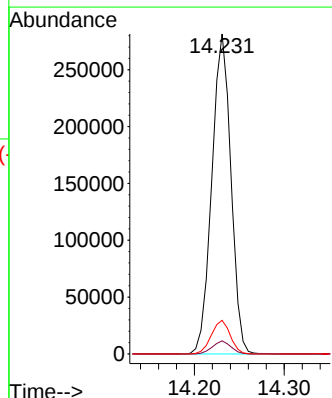
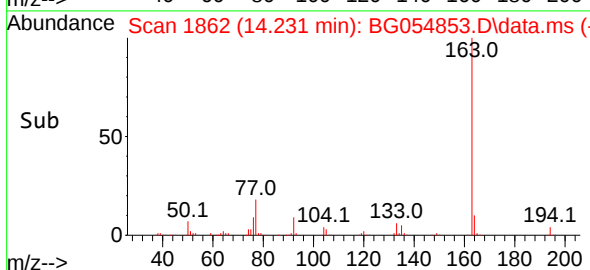
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

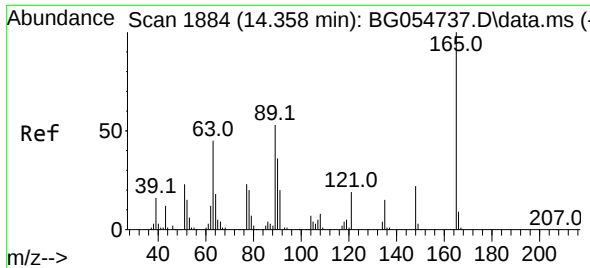


#50
Dimethylphthalate
Concen: 42.301 ng
RT: 14.231 min Scan# 1862
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42



Tgt Ion:163 Resp: 416097
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 10.5 8.0 12.0





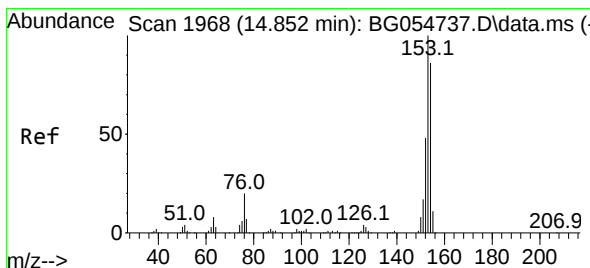
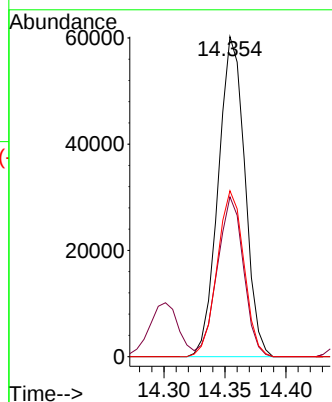
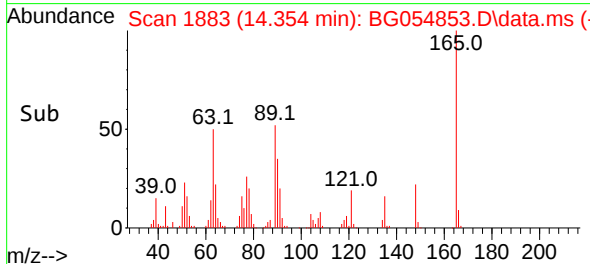
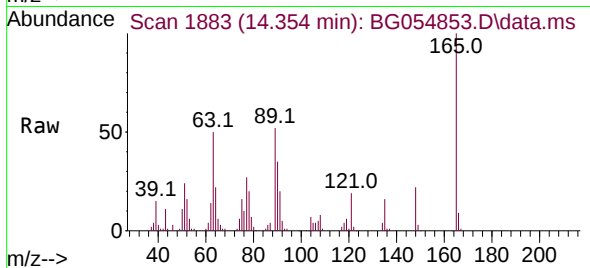
#51
2,6-Dinitrotoluene
Concen: 45.423 ng
RT: 14.354 min Scan# 1884
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

Instrument :
BNA_G
ClientSampleId :
PB147406BS

Tgt Ion:165 Resp: 91388
Ion Ratio Lower Upper
165 100
63 49.9 46.0 69.0
89 51.8 50.3 75.5

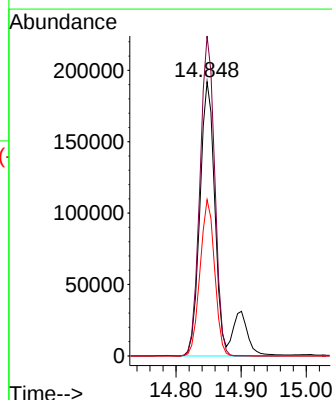
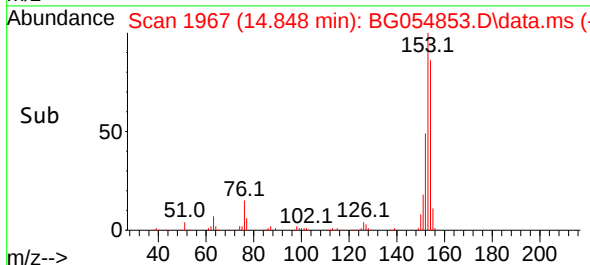
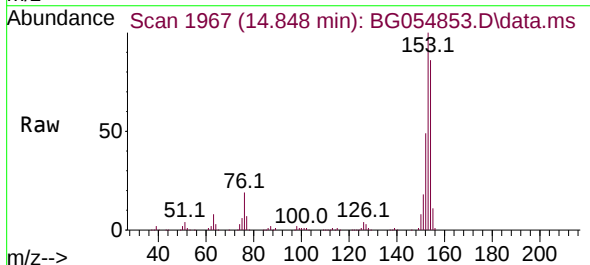
Manual Integrations
APPROVED

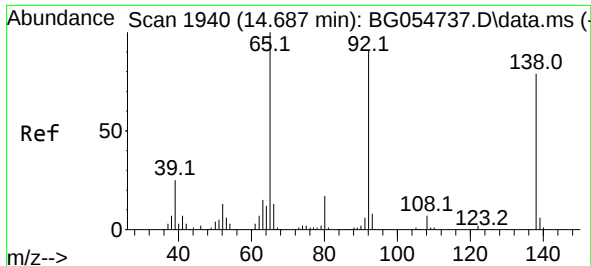
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#52
Acenaphthene
Concen: 45.931 ng m
RT: 14.848 min Scan# 1967
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

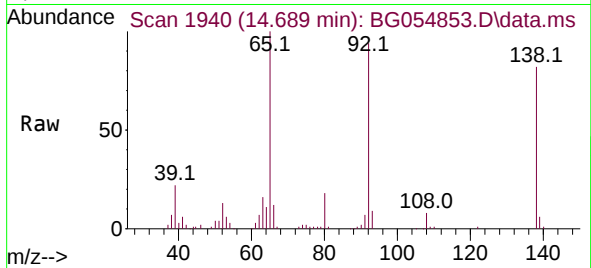
Tgt Ion:154 Resp: 350582
Ion Ratio Lower Upper
154 100
153 116.7 92.8 139.2
152 57.0 45.4 68.2





#53
3-Nitroaniline
Concen: 33.161 ng
RT: 14.689 min Scan# 1940
Delta R.T. 0.002 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

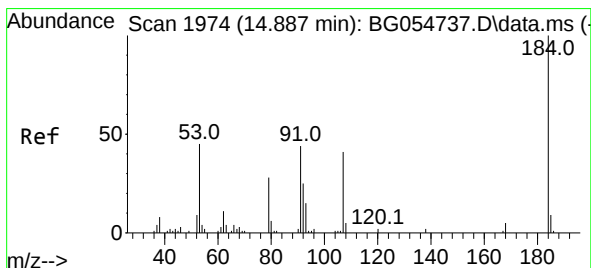
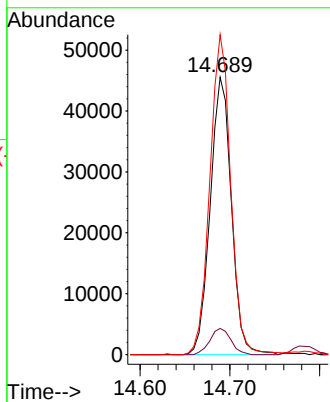
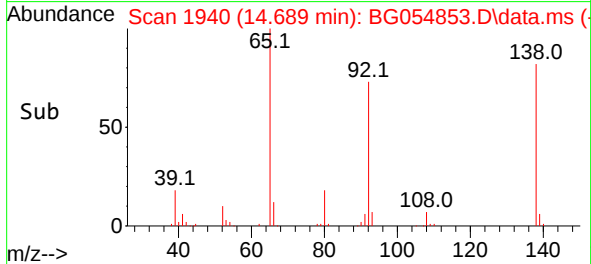
Instrument :
BNA_G
ClientSampleId :
PB147406BS



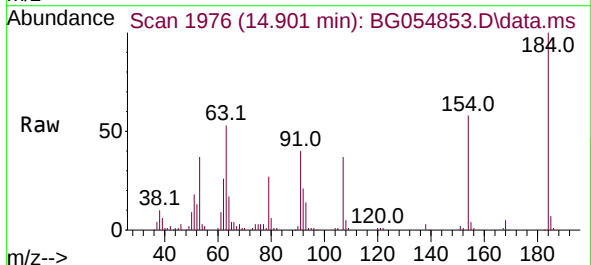
Tgt Ion:138 Resp: 74682
Ion Ratio Lower Upper
138 100
108 9.4 7.6 11.4
92 115.4 96.0 144.0

Manual Integrations
APPROVED

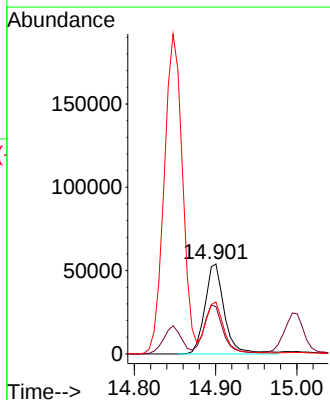
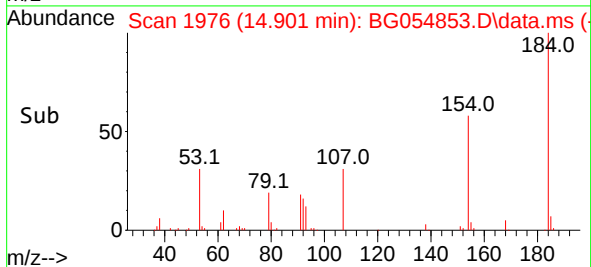
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

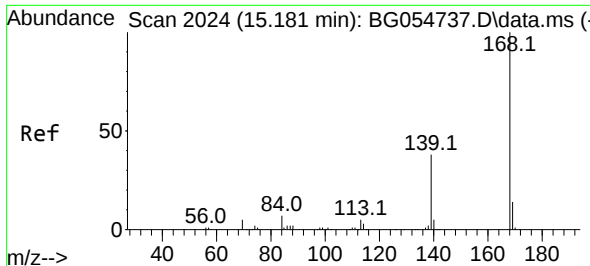


#54
2,4-Dinitrophenol
Concen: 79.173 ng
RT: 14.901 min Scan# 1976
Delta R.T. 0.014 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42



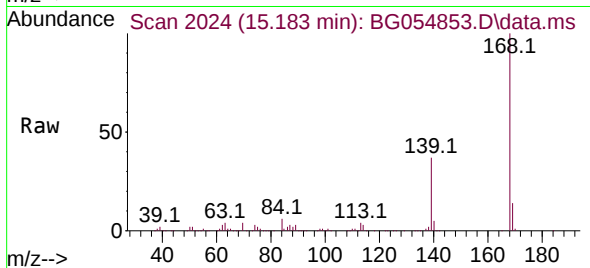
Tgt Ion:184 Resp: 89812
Ion Ratio Lower Upper
184 100
63 52.7 41.8 62.8
154 57.9 45.2 67.8





#55
Dibenzenofuran
Concen: 42.713 ng
RT: 15.183 min Scan# 2024
Delta R.T. 0.002 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

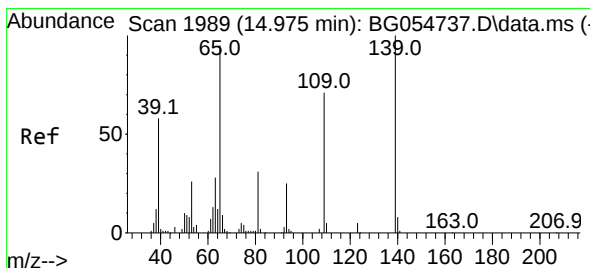
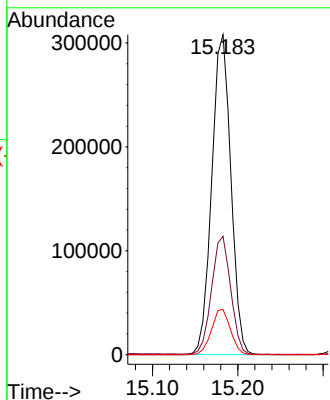
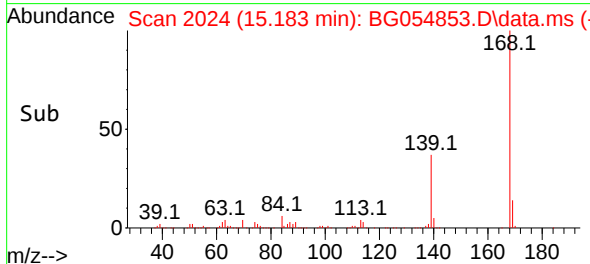
Instrument :
BNA_G
ClientSampleId :
PB147406BS



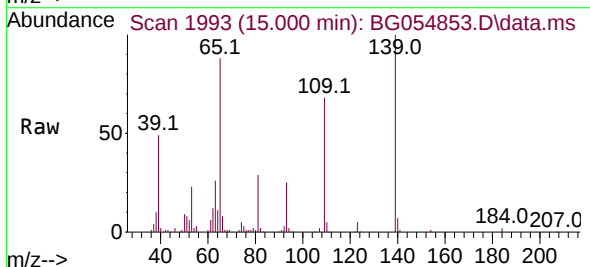
Tgt Ion:168 Resp: 479065
Ion Ratio Lower Upper
168 100
139 37.0 30.2 45.2
169 14.2 11.3 16.9

Manual Integrations
APPROVED

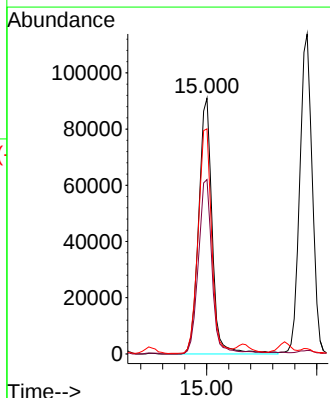
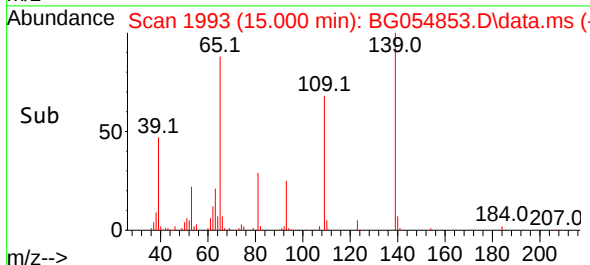
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

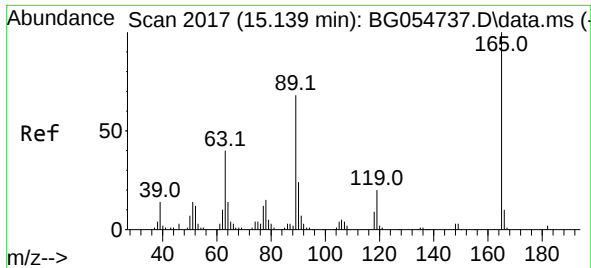


#56
4-Nitrophenol
Concen: 88.649 ng
RT: 15.000 min Scan# 1993
Delta R.T. 0.025 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42



Tgt Ion:139 Resp: 154511
Ion Ratio Lower Upper
139 100
109 68.2 50.5 90.5
65 88.0 79.9 119.9





#57
2,4-Dinitrotoluene
Concen: 47.324 ng
RT: 15.141 min Scan# 2017
Delta R.T. 0.002 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

Instrument :

BNA_G

ClientSampleId :

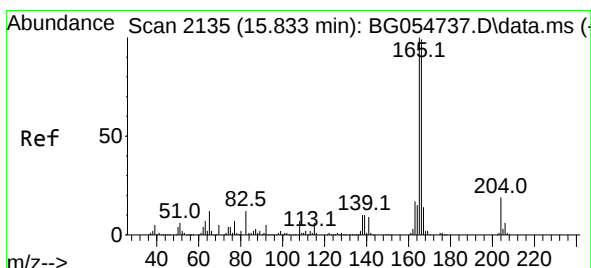
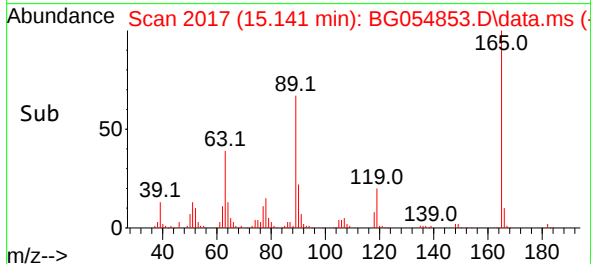
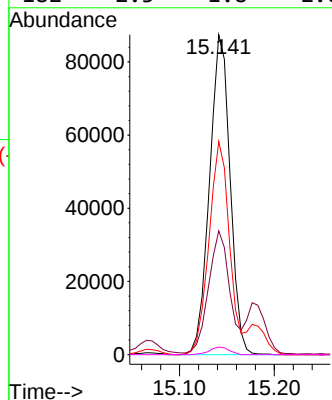
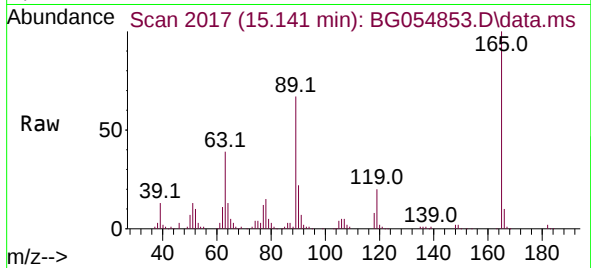
PB147406BS

Tgt Ion:165 Resp: 131699
Ion Ratio Lower Upper
165 100
63 38.7 36.8 55.2
89 66.6 64.3 96.5
182 2.3 1.8 2.6

Manual Integrations

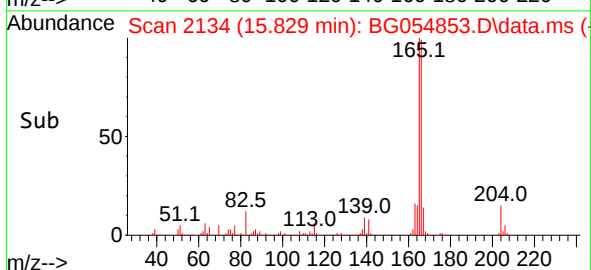
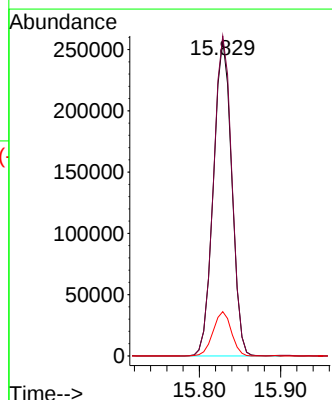
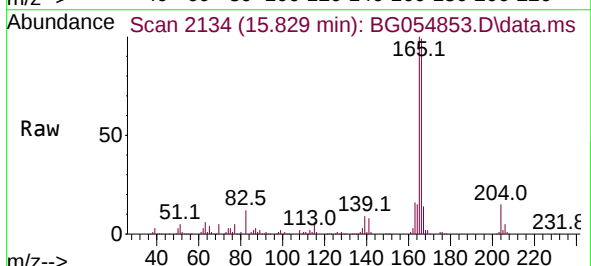
APPROVED

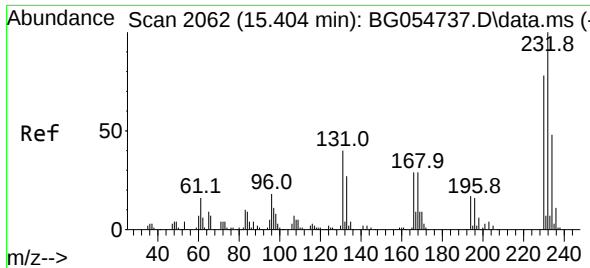
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#58
Fluorene
Concen: 42.580 ng
RT: 15.829 min Scan# 2134
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

Tgt Ion:166 Resp: 402317
Ion Ratio Lower Upper
166 100
165 101.1 80.8 121.2
167 14.0 11.4 17.0





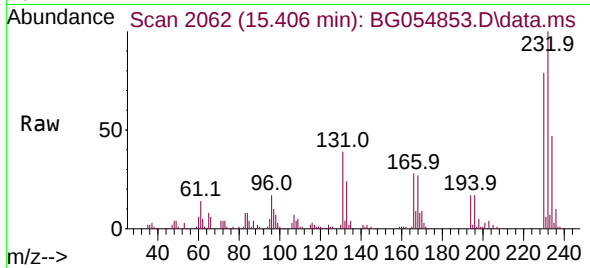
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.033 ng
RT: 15.406 min Scan# 2062
Delta R.T. 0.002 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

Instrument :

BNA_G

ClientSampleId :

PB147406BS

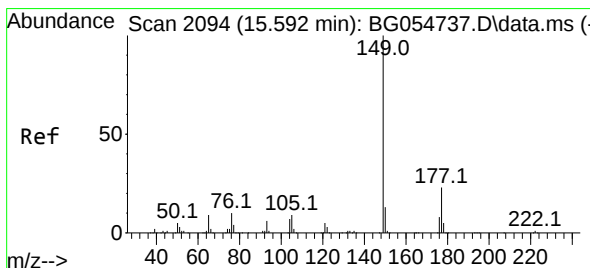
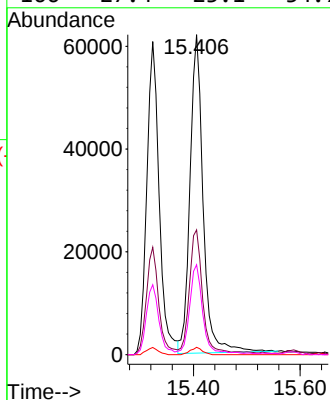
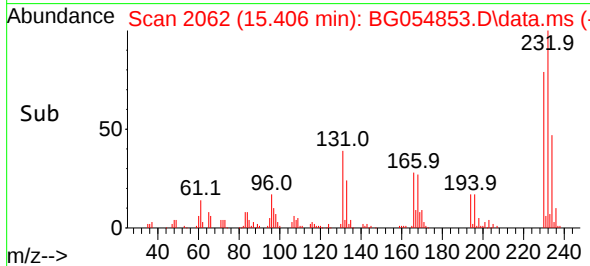


Tgt Ion:232 Resp: 106119
Ion Ratio Lower Upper
232 100
131 38.8 31.3 46.9
130 2.1 1.8 2.6
166 27.4 23.1 34.7

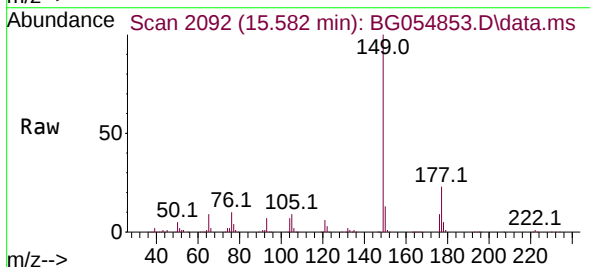
Manual Integrations

APPROVED

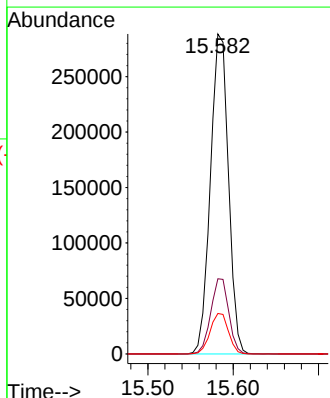
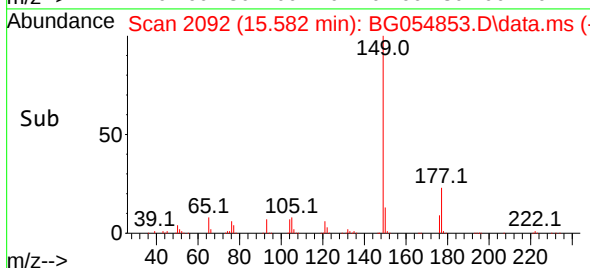
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

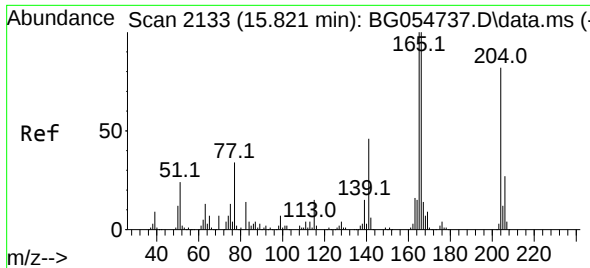


#60
Diethylphthalate
Concen: 43.079 ng
RT: 15.582 min Scan# 2092
Delta R.T. -0.010 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42



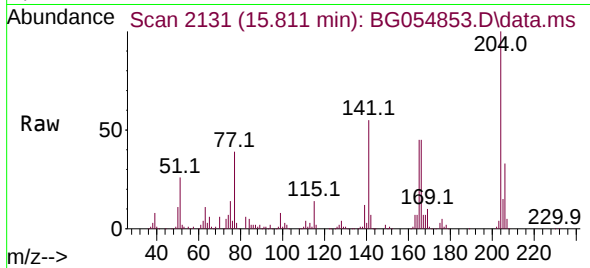
Tgt Ion:149 Resp: 423137
Ion Ratio Lower Upper
149 100
177 23.5 17.8 26.6
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 45.237 ng
RT: 15.811 min Scan# 2131
Delta R.T. -0.010 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

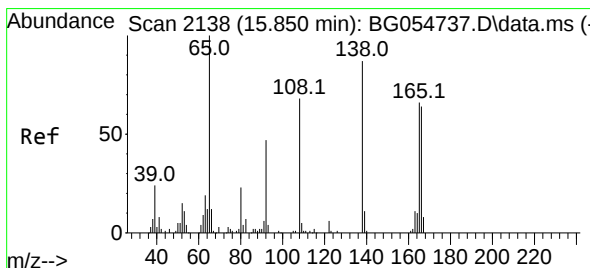
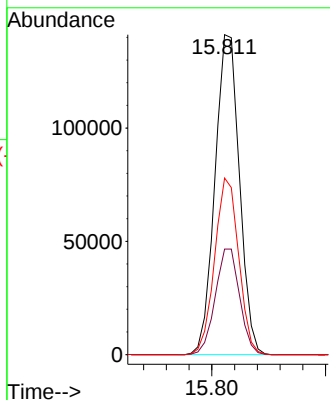
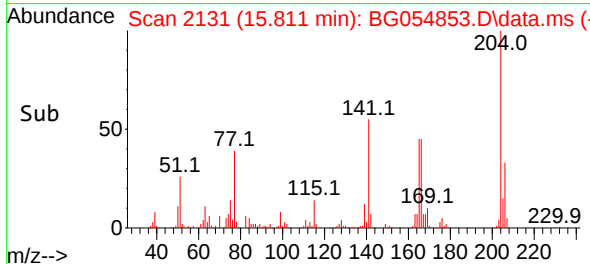
Instrument :
BNA_G
ClientSampleId :
PB147406BS



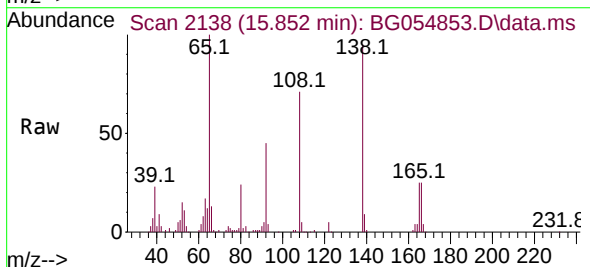
Tgt Ion:204 Resp: 21085
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 55.2 44.9 67.3

Manual Integrations
APPROVED

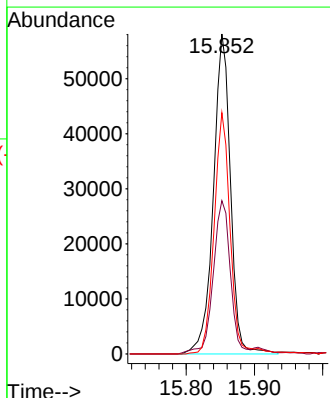
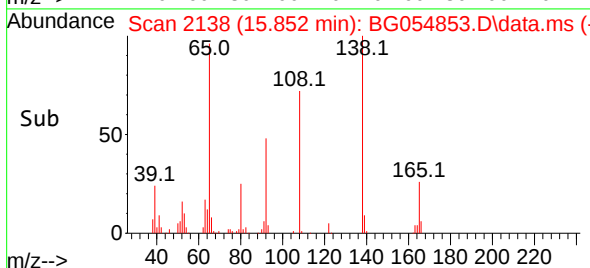
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

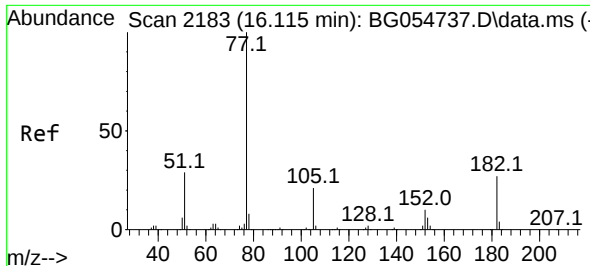


#62
4-Nitroaniline
Concen: 43.814 ng
RT: 15.852 min Scan# 2138
Delta R.T. 0.002 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42



Tgt Ion:138 Resp: 100751
Ion Ratio Lower Upper
138 100
92 47.9 34.7 74.7
108 75.4 56.2 96.2





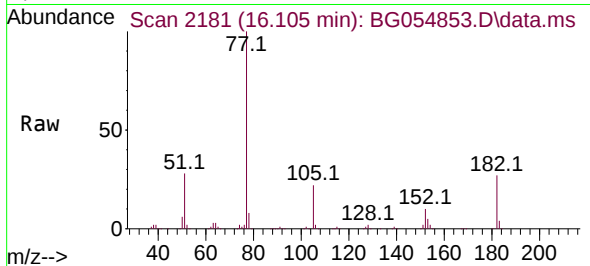
#63
Azobenzene
Concen: 39.665 ng
RT: 16.105 min Scan# 2183
Delta R.T. -0.010 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

Instrument :

BNA_G

ClientSampleId :

PB147406BS

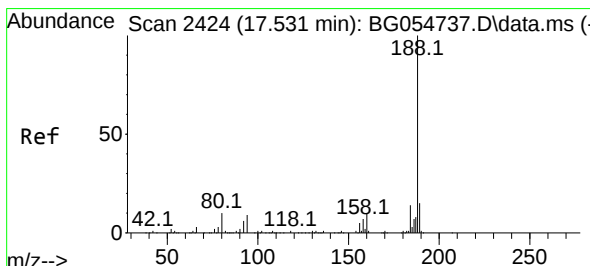
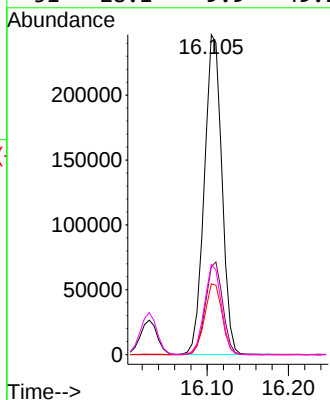
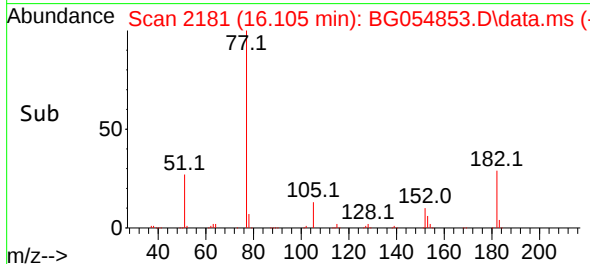


Tgt Ion: 77 Resp: 370263
Ion Ratio Lower Upper
77 100
182 27.5 5.1 45.1
105 22.1 0.7 40.7
51 28.1 9.9 49.9

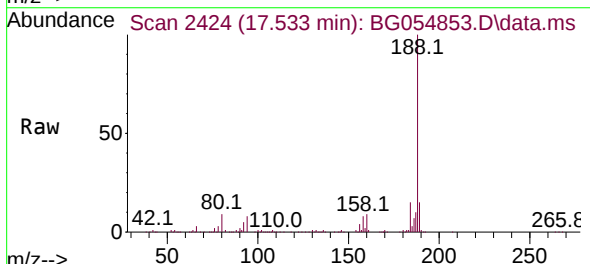
Manual Integrations

APPROVED

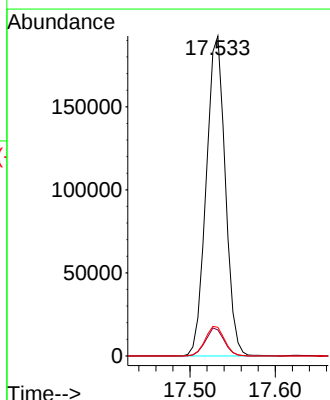
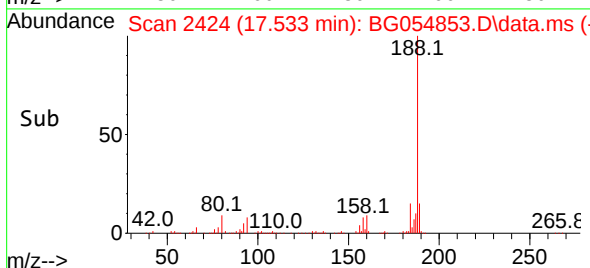
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

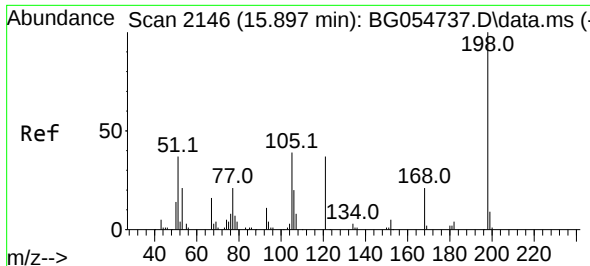


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.533 min Scan# 2424
Delta R.T. 0.002 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42



Tgt Ion:188 Resp: 298434
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.4
80 8.9 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 46.458 ng
RT: 15.905 min Scan# 2147
Delta R.T. 0.008 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

Instrument :

BNA_G

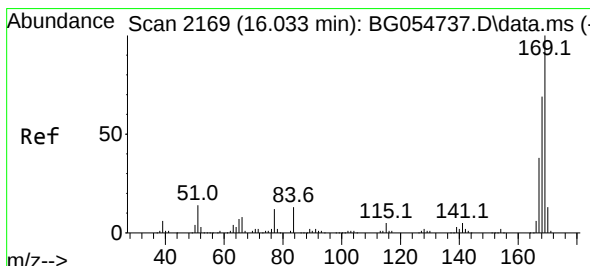
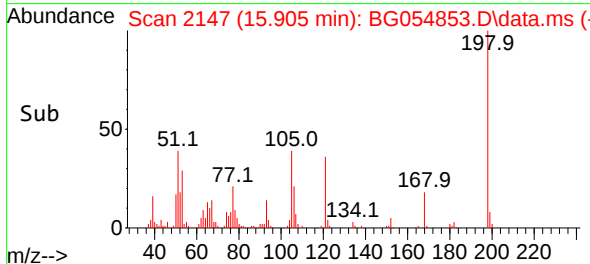
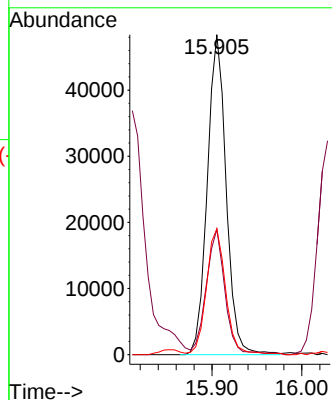
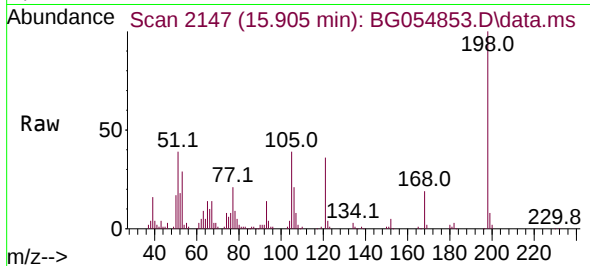
ClientSampleId :

PB147406BS

Tgt Ion:198 Resp: 70579
Ion Ratio Lower Upper
198 100
51 39.1 19.9 59.9
105 39.3 20.3 60.3

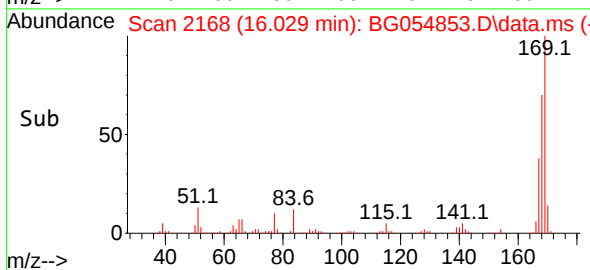
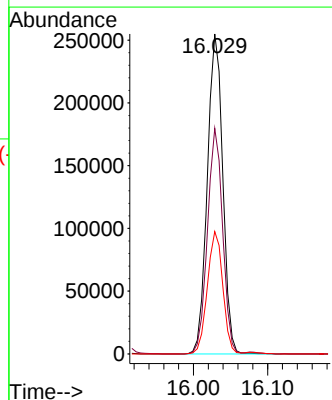
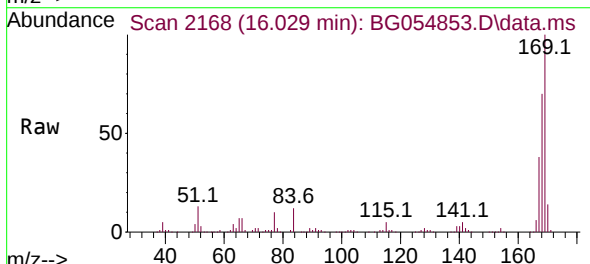
Manual Integrations
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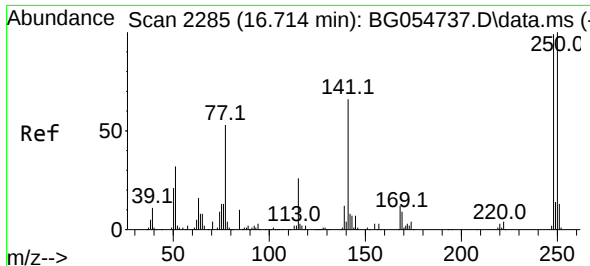
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#66
n-Nitrosodiphenylamine
Concen: 42.817 ng
RT: 16.029 min Scan# 2168
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

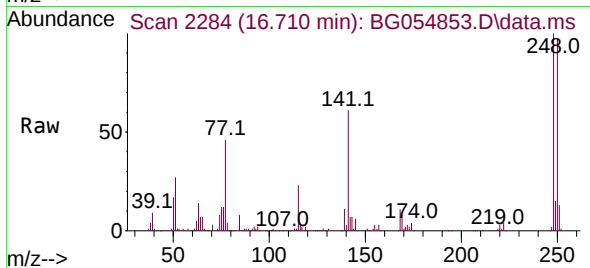
Tgt Ion:169 Resp: 368499
Ion Ratio Lower Upper
169 100
168 70.5 55.6 83.4
167 38.2 30.9 46.3





#67
4-Bromophenyl-phenylether
Concen: 45.227 ng
RT: 16.710 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

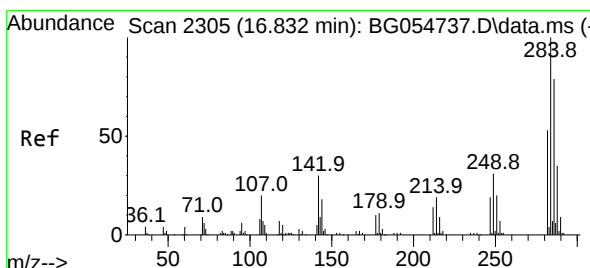
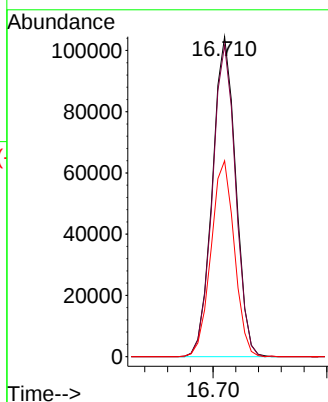
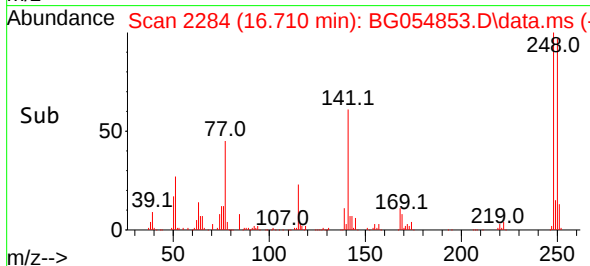
Instrument :
BNA_G
ClientSampleId :
PB147406BS



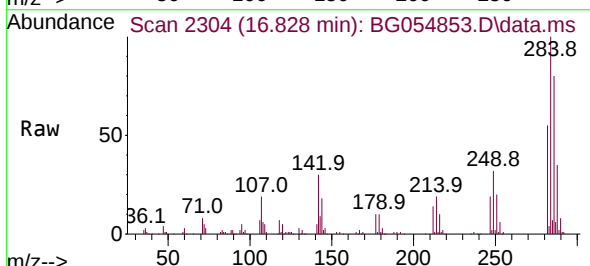
Tgt Ion:248 Resp: 148190
Ion Ratio Lower Upper
248 100
250 97.4 78.8 118.2
141 61.2 51.9 77.9

Manual Integrations
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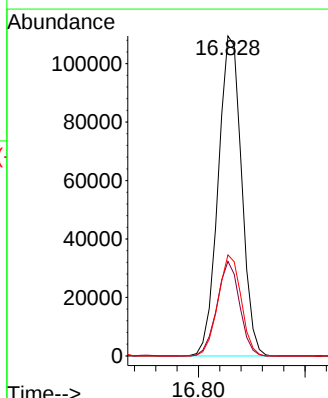
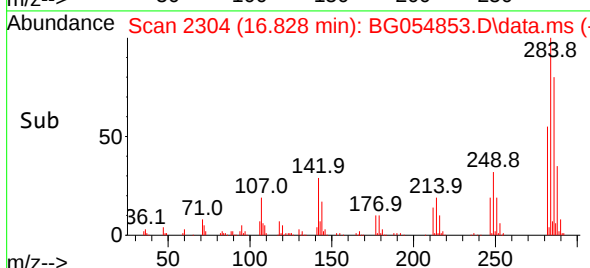
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

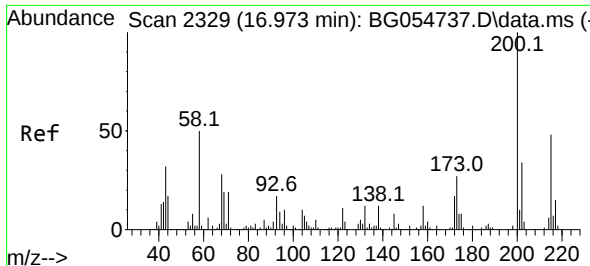


#68
Hexachlorobenzene
Concen: 45.386 ng
RT: 16.828 min Scan# 2304
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42



Tgt Ion:284 Resp: 167175
Ion Ratio Lower Upper
284 100
142 29.5 25.0 37.6
249 31.6 24.5 36.7





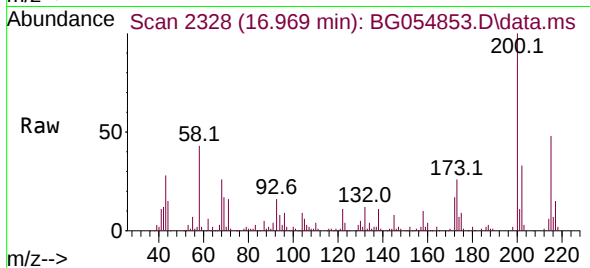
#69
 Atrazine
 Concen: 47.315 ng
 RT: 16.969 min Scan# 2328
 Delta R.T. -0.004 min
 Lab File: BG054853.D
 Acq: 6 Sep 2022 15:42

Instrument :

BNA_G

ClientSampleId :

PB147406BS

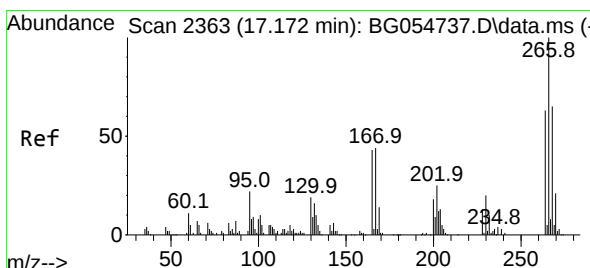
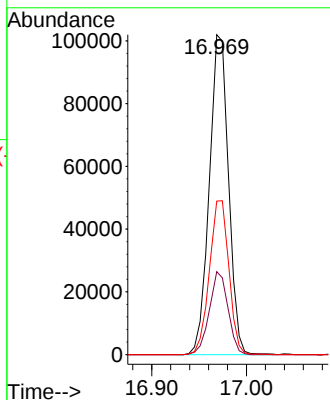
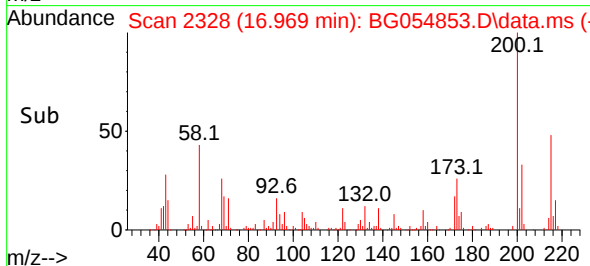


Tgt Ion:200 Resp: 143660
 Ion Ratio Lower Upper
 200 100
 173 25.9 5.6 45.6
 215 48.0 28.2 68.2

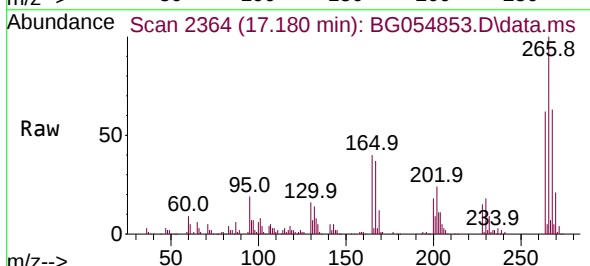
Manual Integrations

APPROVED

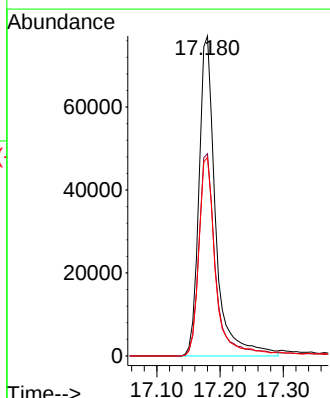
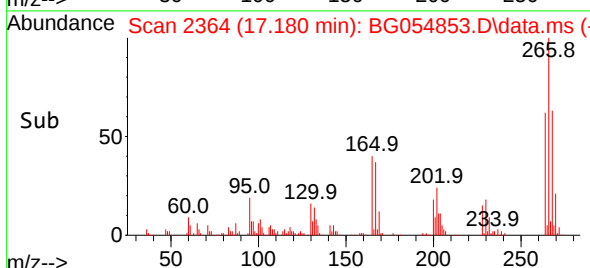
Reviewed By :Christian Giraldo 09/07/2022
 Supervised By :Jagrut Upadhyay 09/07/2022

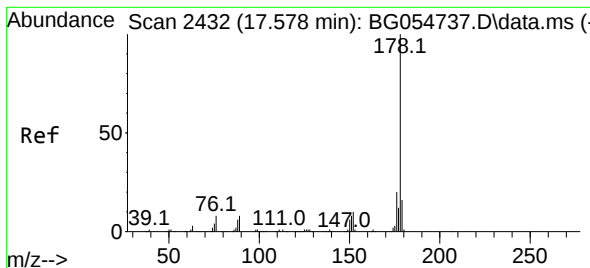


#70
 Pentachlorophenol
 Concen: 70.541 ng
 RT: 17.180 min Scan# 2364
 Delta R.T. 0.008 min
 Lab File: BG054853.D
 Acq: 6 Sep 2022 15:42



Tgt Ion:266 Resp: 141175
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.2 76.8
 264 62.1 49.4 74.0





#71

Phenanthrene

Concen: 42.067 ng

RT: 17.574 min Scan# 2432

Delta R.T. -0.004 min

Lab File: BG054853.D

Acq: 6 Sep 2022 15:42

Instrument :

BNA_G

ClientSampleId :

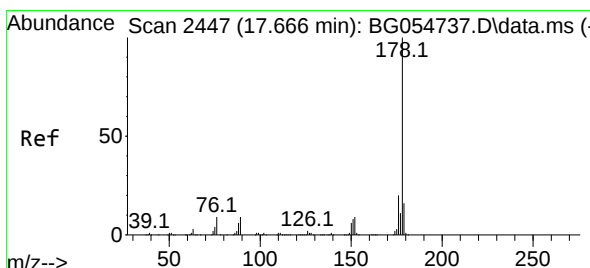
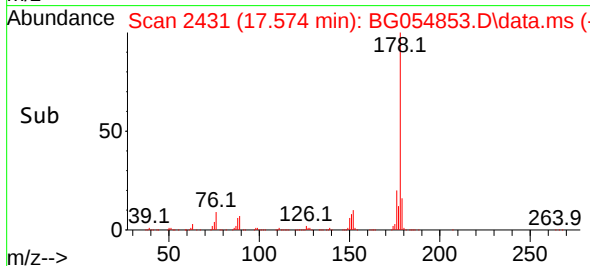
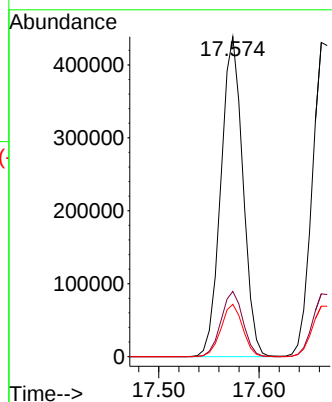
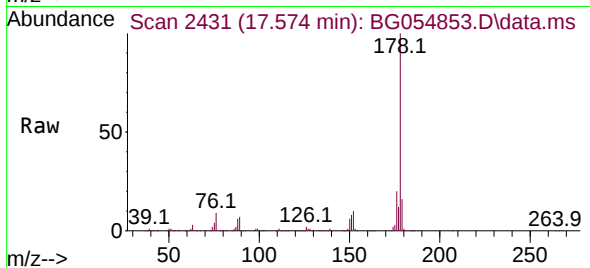
PB147406BS

Tgt Ion:178 Resp: 668772
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.6 25.0
 179 16.3 12.8 19.2

Manual Integrations

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Reviewed By :Christian Giraldo 09/07/2022
 Supervised By :Jagrut Upadhyay 09/07/2022



#72

Anthracene

Concen: 44.088 ng

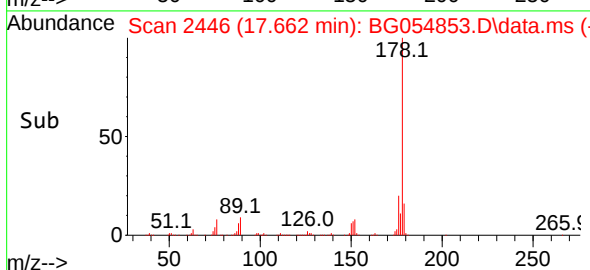
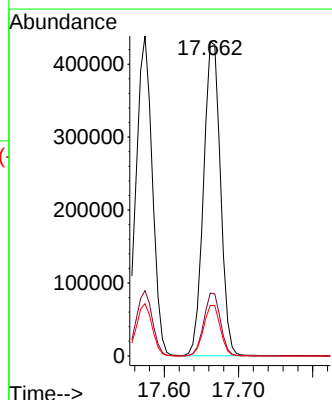
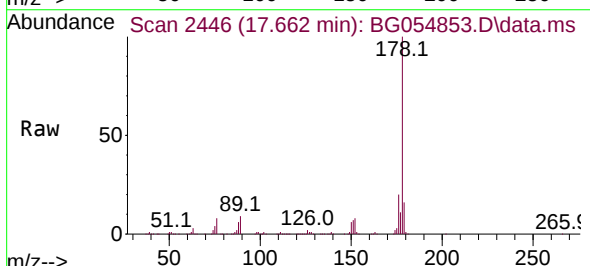
RT: 17.662 min Scan# 2446

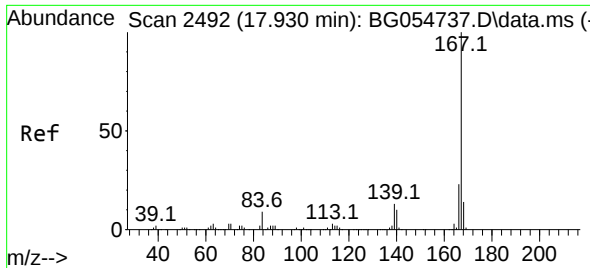
Delta R.T. -0.004 min

Lab File: BG054853.D

Acq: 6 Sep 2022 15:42

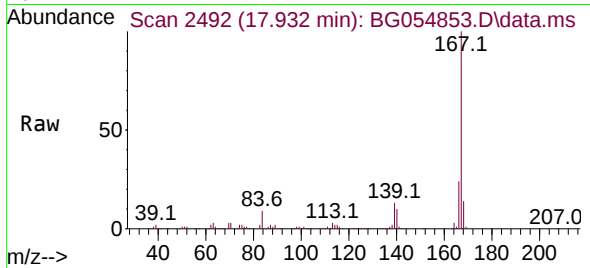
Tgt Ion:178 Resp: 681445
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 16.1 12.9 19.3





#73
 Carbazole
 Concen: 45.050 ng
 RT: 17.932 min Scan# 2492
 Delta R.T. 0.002 min
 Lab File: BG054853.D
 Acq: 6 Sep 2022 15:42

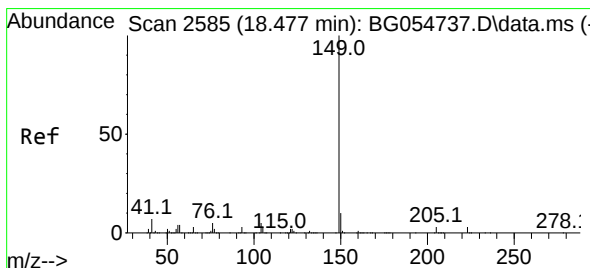
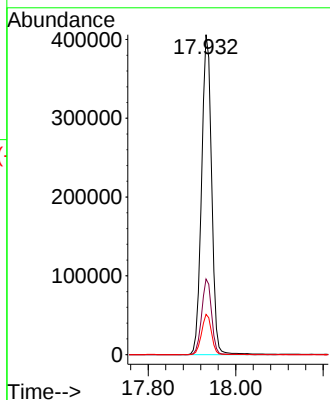
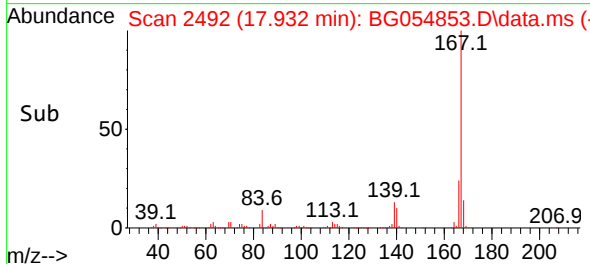
Instrument :
 BNA_G
 ClientSampleId :
 PB147406BS



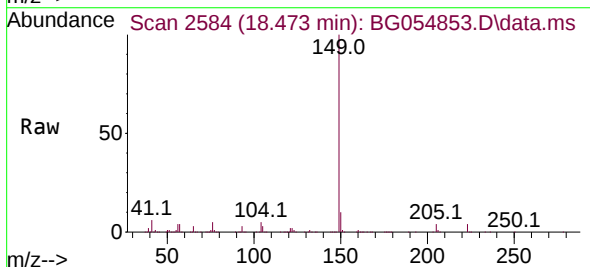
Tgt Ion:167 Resp: 641540
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.8 28.2
 139 12.6 10.2 15.4

Manual Integrations
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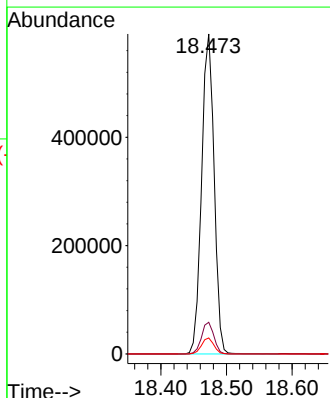
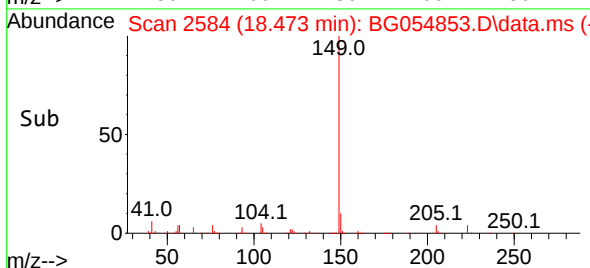
Reviewed By :Christian Giraldo 09/07/2022
 Supervised By :Jagrut Upadhyay 09/07/2022

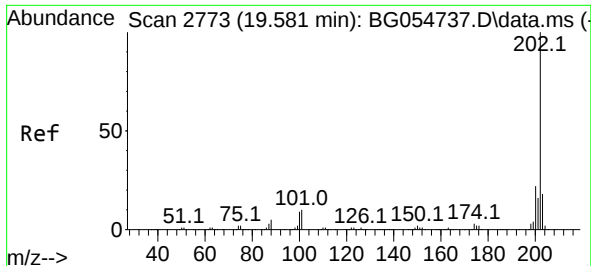


#74
 Di-n-butylphthalate
 Concen: 43.084 ng
 RT: 18.473 min Scan# 2584
 Delta R.T. -0.004 min
 Lab File: BG054853.D
 Acq: 6 Sep 2022 15:42



Tgt Ion:149 Resp: 776383
 Ion Ratio Lower Upper
 149 100
 150 9.9 8.0 12.0
 104 5.0 4.4 6.6





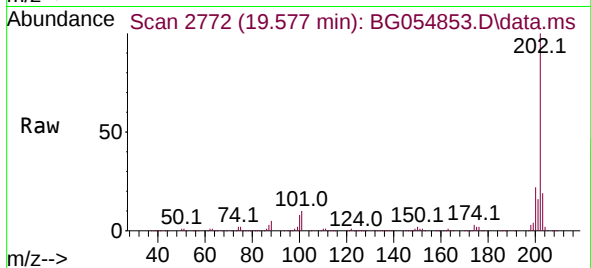
#75
Fluoranthene
Concen: 42.649 ng
RT: 19.577 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

Instrument :

BNA_G

ClientSampleId :

PB147406BS

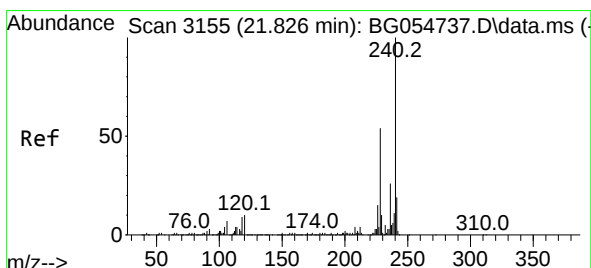
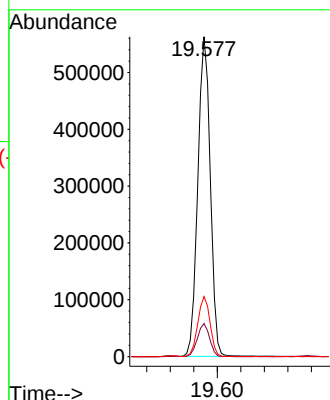
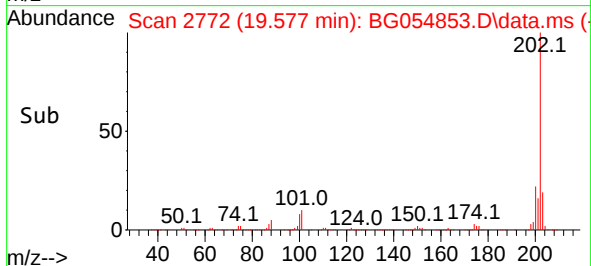


Tgt Ion:202 Resp: 824812
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.4
203 18.8 0.0 38.6

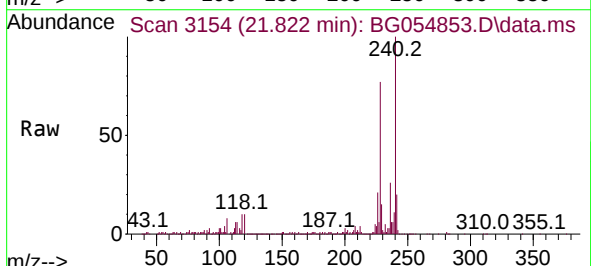
Manual Integrations

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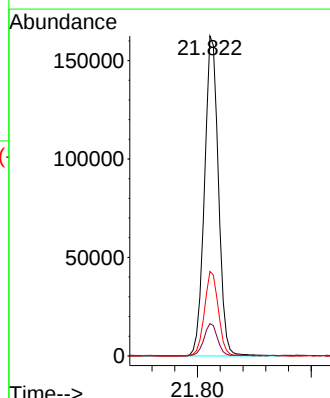
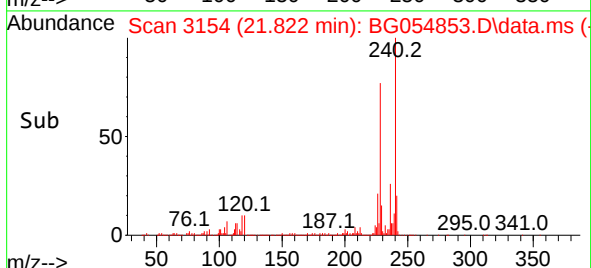
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

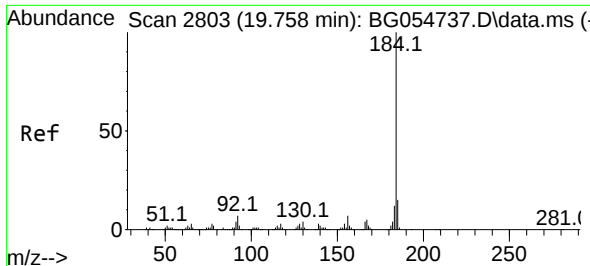


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.822 min Scan# 3154
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42



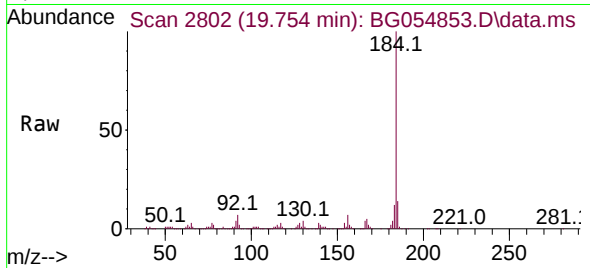
Tgt Ion:240 Resp: 276059
Ion Ratio Lower Upper
240 100
120 10.1 8.2 12.4
236 26.4 21.2 31.8





#77
Benzidine
Concen: 54.980 ng
RT: 19.754 min Scan# 2802
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

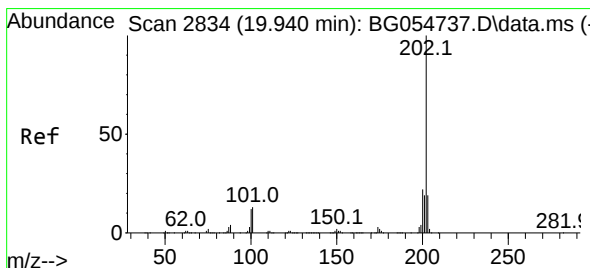
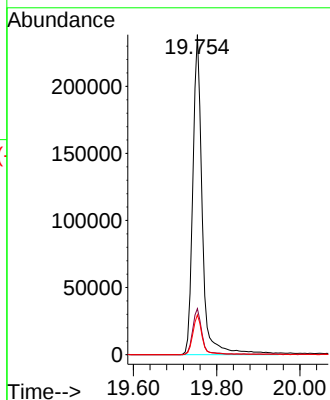
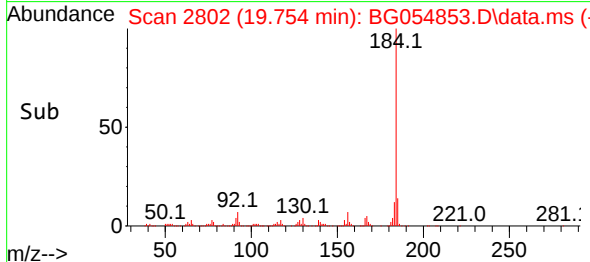
Instrument :
BNA_G
ClientSampleId :
PB147406BS



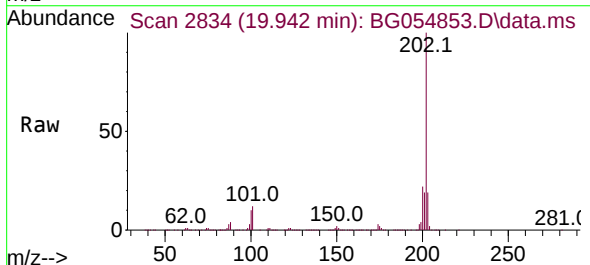
Tgt Ion:184 Resp: 375932
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.0
183 12.4 9.8 14.8

Manual Integrations
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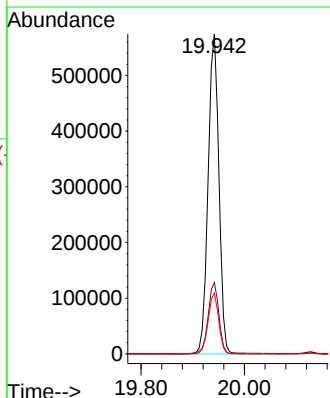
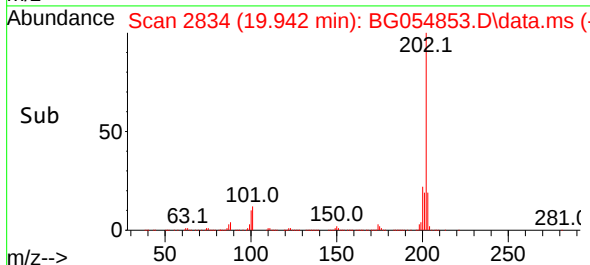
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

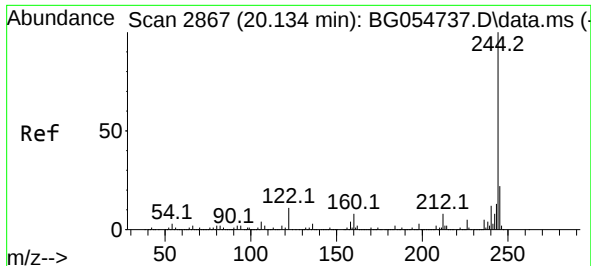


#78
Pyrene
Concen: 43.319 ng
RT: 19.942 min Scan# 2834
Delta R.T. 0.002 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42



Tgt Ion:202 Resp: 833863
Ion Ratio Lower Upper
202 100
200 22.3 17.8 26.6
203 19.0 14.6 21.8





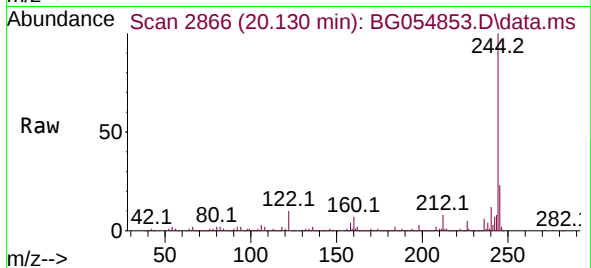
#79
 Terphenyl-d14
 Concen: 86.369 ng
 RT: 20.130 min Scan# 2867
 Delta R.T. -0.004 min
 Lab File: BG054853.D
 Acq: 6 Sep 2022 15:42

Instrument :

BNA_G

ClientSampleId :

PB147406BS

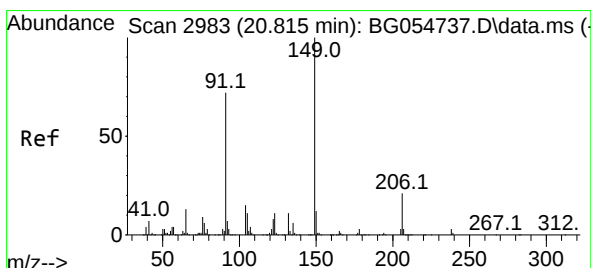
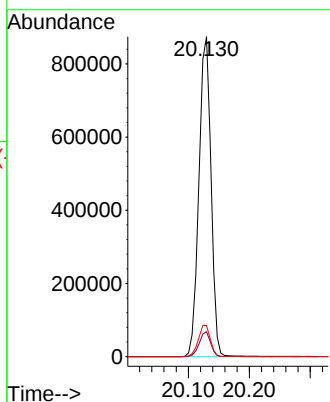
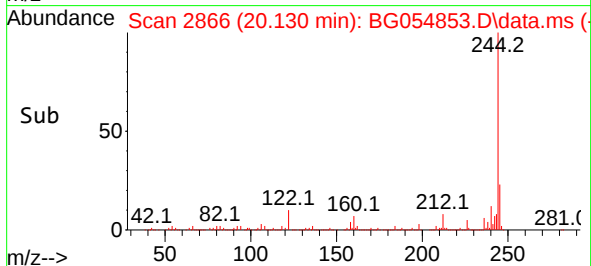


Tgt Ion:244 Resp: 1203348
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 9.7 9.0 13.6

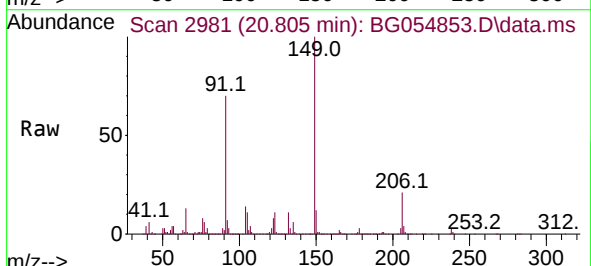
Manual Integrations

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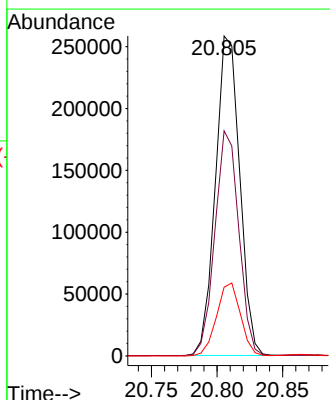
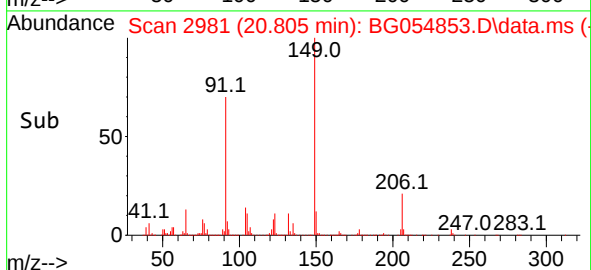
Reviewed By :Christian Giraldo 09/07/2022
 Supervised By :Jagrut Upadhyay 09/07/2022

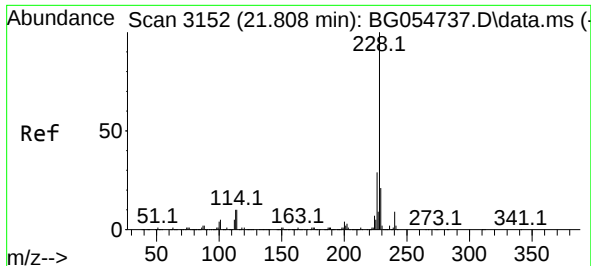


#80
 Butylbenzylphthalate
 Concen: 41.473 ng
 RT: 20.805 min Scan# 2981
 Delta R.T. -0.010 min
 Lab File: BG054853.D
 Acq: 6 Sep 2022 15:42



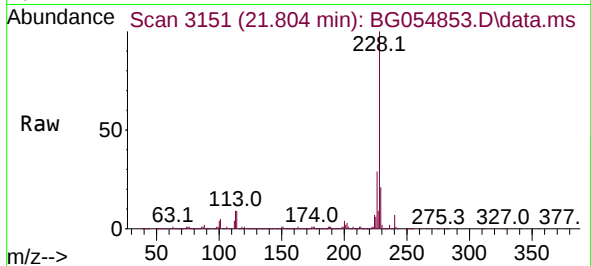
Tgt Ion:149 Resp: 332998
 Ion Ratio Lower Upper
 149 100
 91 70.3 59.5 89.3
 206 21.5 16.6 25.0





#81
Benzo(a)anthracene
Concen: 42.826 ng
RT: 21.804 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

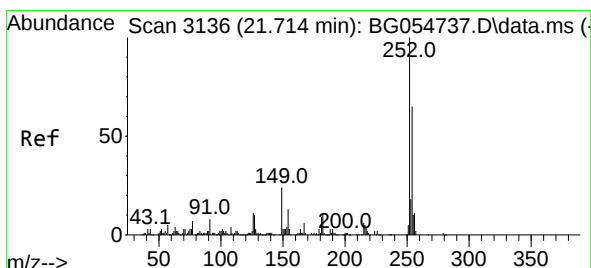
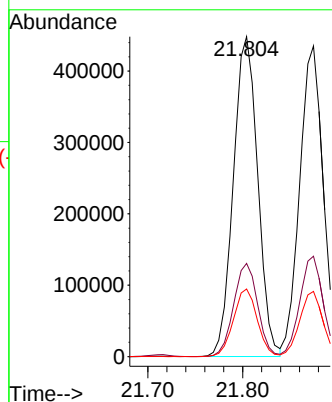
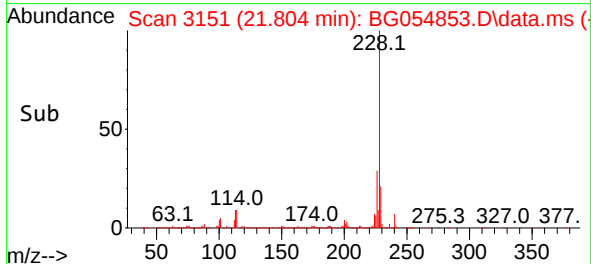
Instrument :
BNA_G
ClientSampleId :
PB147406BS



Tgt Ion:228 Resp: 801600
Ion Ratio Lower Upper
228 100
226 29.1 23.4 35.2
229 21.1 16.5 24.7

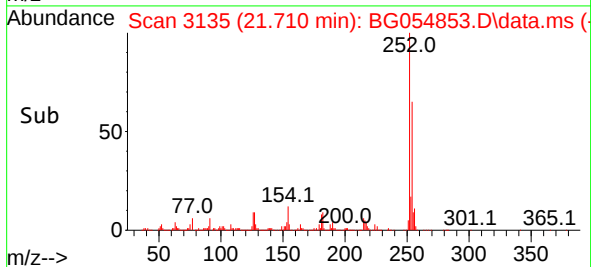
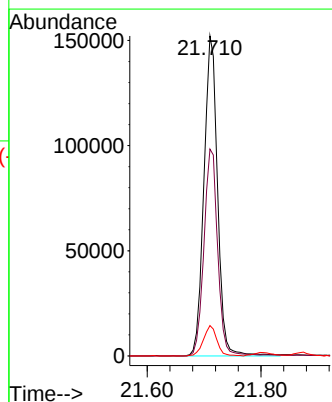
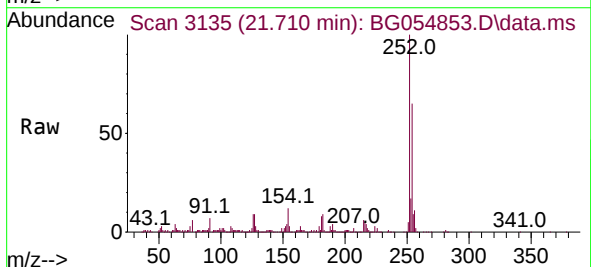
Manual Integrations
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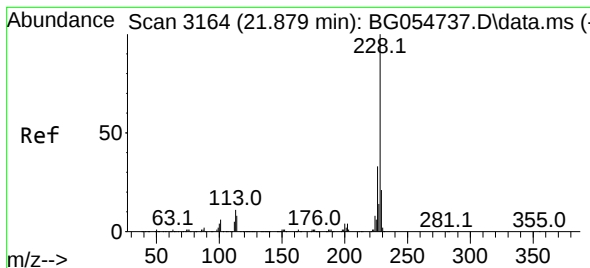
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#82
3,3'-Dichlorobenzidine
Concen: 38.698 ng
RT: 21.710 min Scan# 3135
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

Tgt Ion:252 Resp: 253959
Ion Ratio Lower Upper
252 100
254 64.6 51.4 77.2
126 9.5 8.2 12.2





#83

Chrysene

Concen: 41.724 ng

RT: 21.875 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG054853.D

Acq: 6 Sep 2022 15:42

Instrument :

BNA_G

ClientSampleId :

PB147406BS

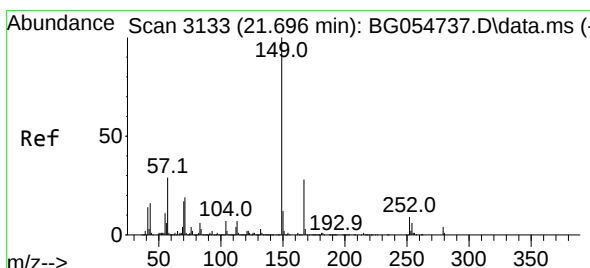
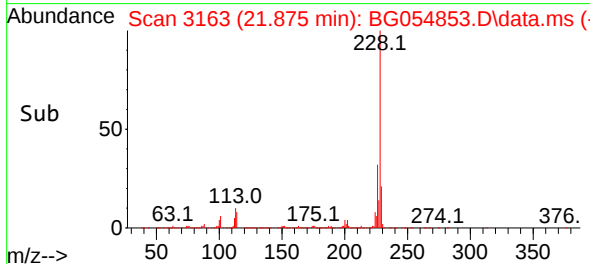
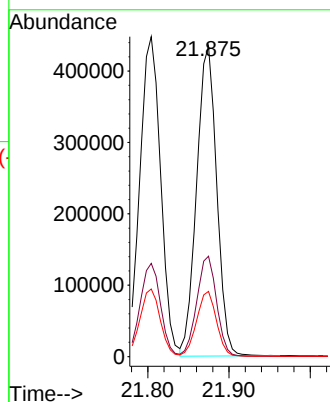
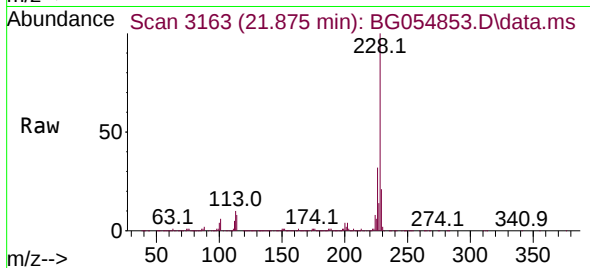
Tgt Ion:	228	Resp:	746726
Ion Ratio	Lower	Upper	
228	100		
226	32.3	25.5	38.3
229	21.0	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.221 ng

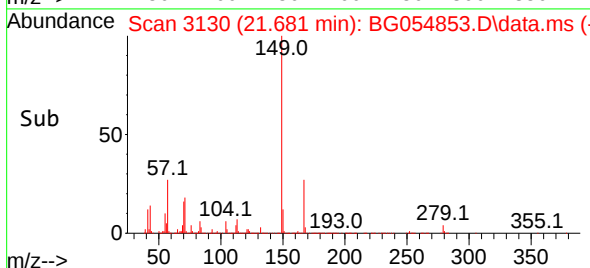
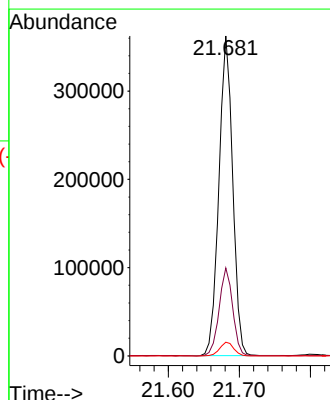
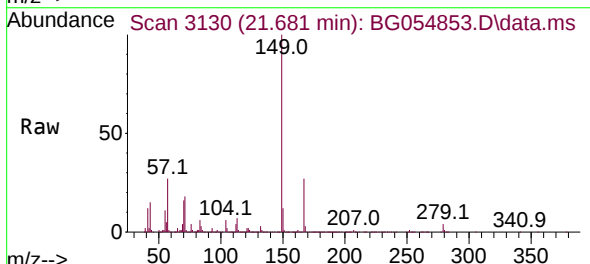
RT: 21.681 min Scan# 3130

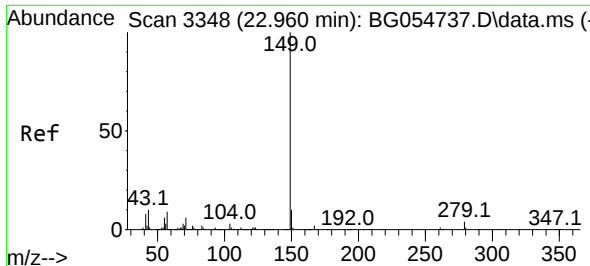
Delta R.T. -0.016 min

Lab File: BG054853.D

Acq: 6 Sep 2022 15:42

Tgt Ion:	149	Resp:	488419
Ion Ratio	Lower	Upper	
149	100		
167	27.5	21.4	32.0
279	4.3	3.1	4.7





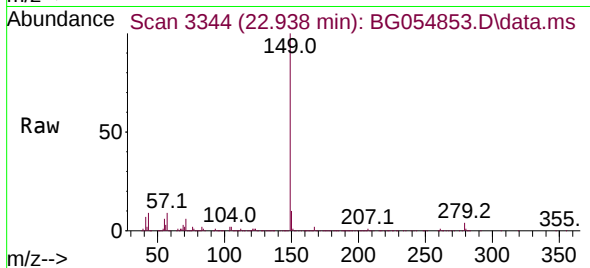
#85
Di-n-octyl phthalate
Concen: 42.031 ng
RT: 22.938 min Scan# 3348
Delta R.T. -0.022 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

Instrument :

BNA_G

ClientSampleId :

PB147406BS

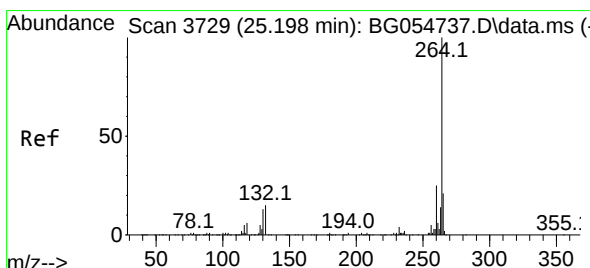
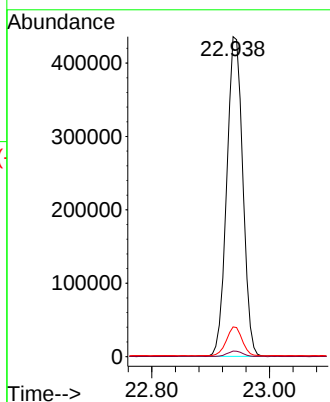
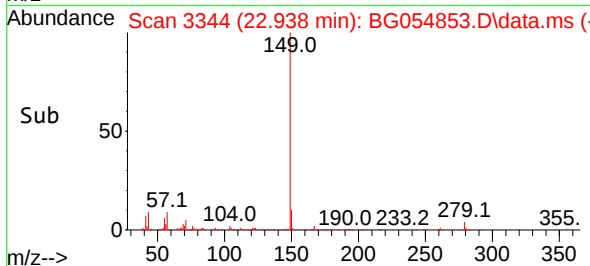


Tgt Ion:149 Resp: 824553
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8
43 8.8 9.0 13.6

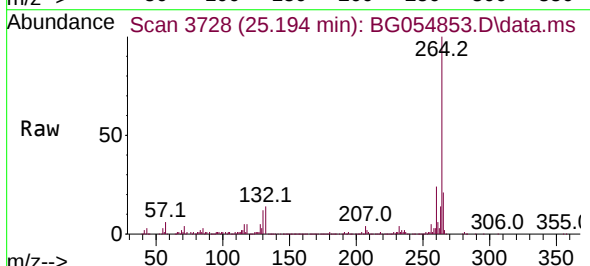
Manual Integrations

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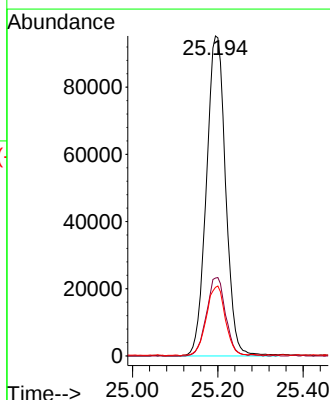
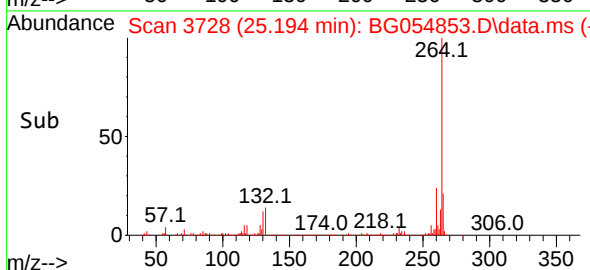
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

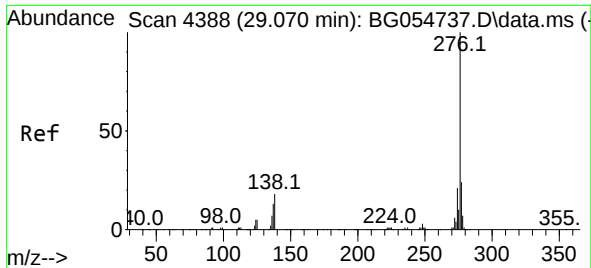


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.194 min Scan# 3728
Delta R.T. -0.004 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42



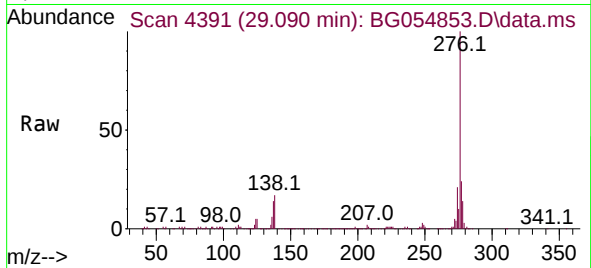
Tgt Ion:264 Resp: 297621
Ion Ratio Lower Upper
264 100
260 24.3 19.9 29.9
265 21.4 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.556 ng
RT: 29.090 min Scan# 4388
Delta R.T. 0.020 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

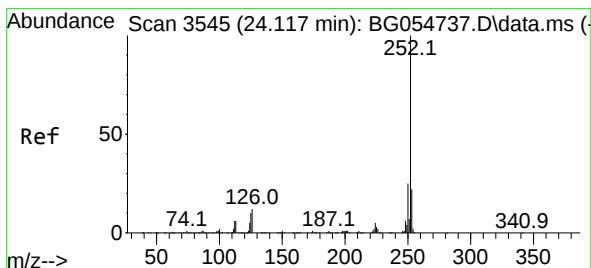
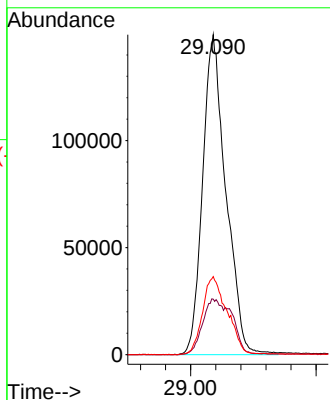
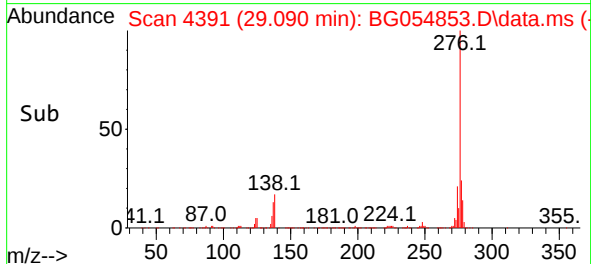
Instrument :
BNA_G
ClientSampleId :
PB147406BS



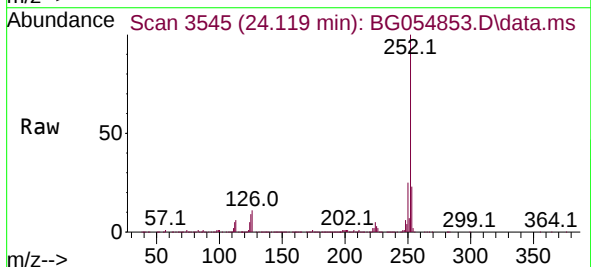
Tgt Ion:276 Resp: 961536
Ion Ratio Lower Upper
276 100
138 14.4 12.0 18.0
277 25.8 20.2 30.4

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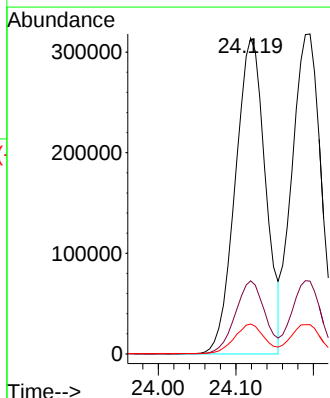
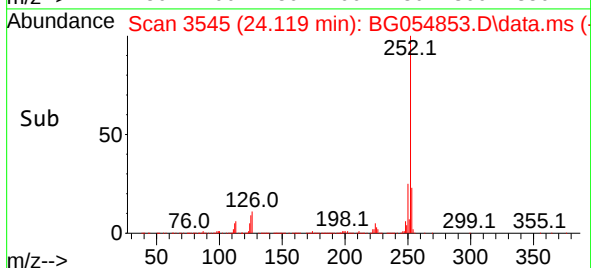
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

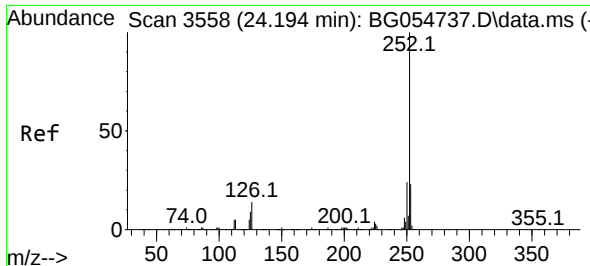


#88
Benzo(b)fluoranthene
Concen: 45.422 ng
RT: 24.119 min Scan# 3545
Delta R.T. 0.002 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42



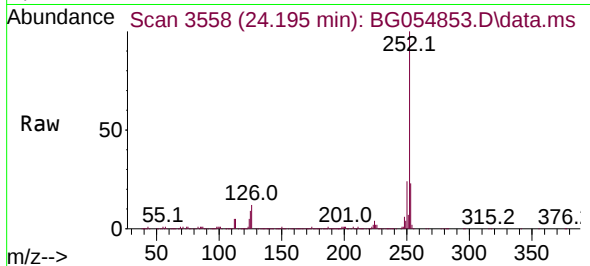
Tgt Ion:252 Resp: 848023
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 9.4 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 44.065 ng
RT: 24.195 min Scan# 3558
Delta R.T. 0.002 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

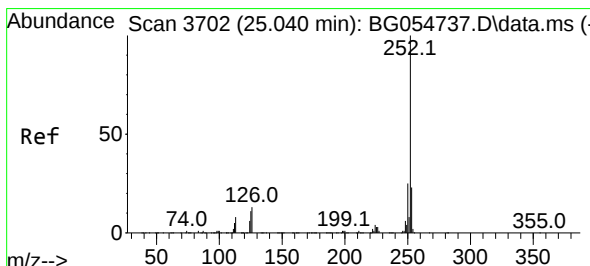
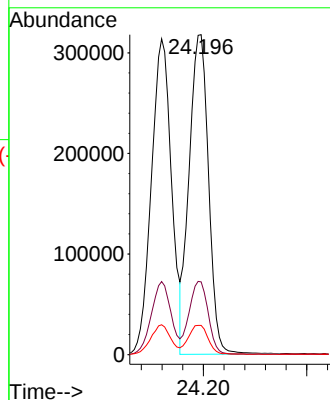
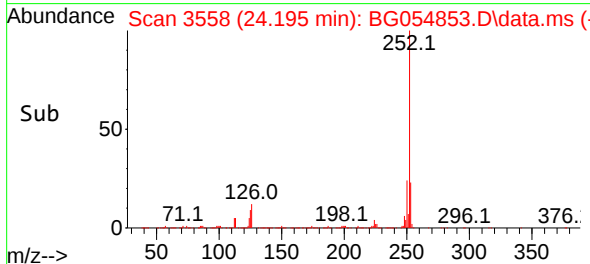
Instrument :
BNA_G
ClientSampleId :
PB147406BS



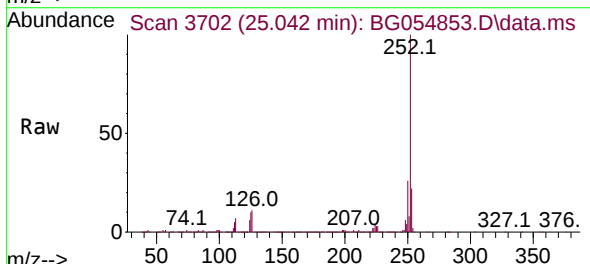
Tgt Ion:252 Resp: 827964
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 9.1 8.2 12.4

Manual Integrations
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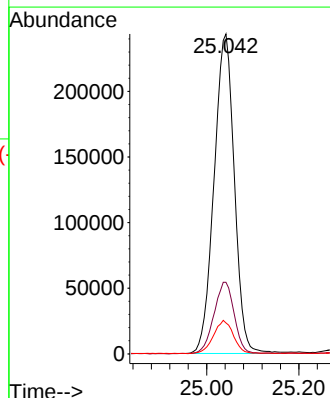
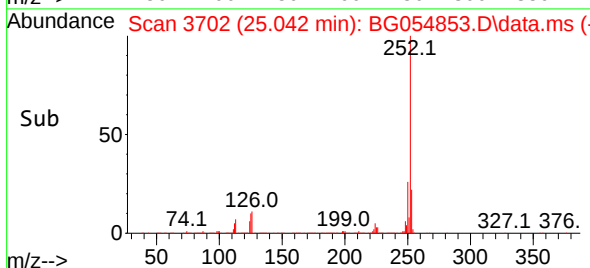
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

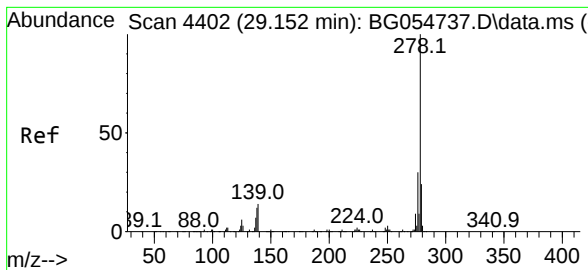


#90
Benzo(a)pyrene
Concen: 46.690 ng
RT: 25.042 min Scan# 3702
Delta R.T. 0.002 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42



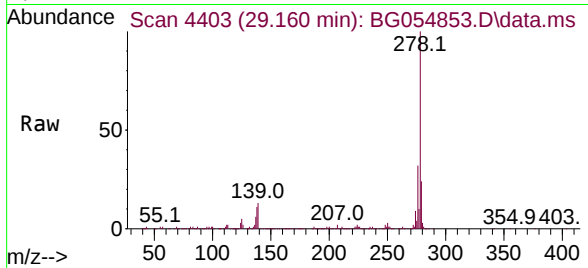
Tgt Ion:252 Resp: 744744
Ion Ratio Lower Upper
252 100
253 22.4 18.3 27.5
125 9.7 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 45.726 ng
RT: 29.160 min Scan# 4402
Delta R.T. 0.008 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42

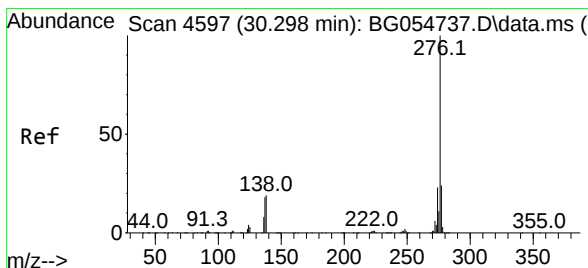
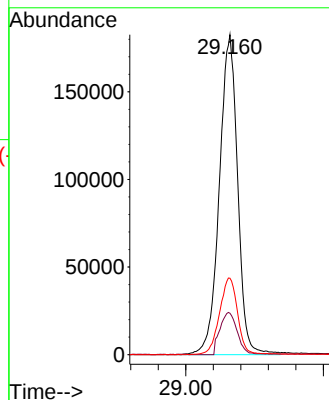
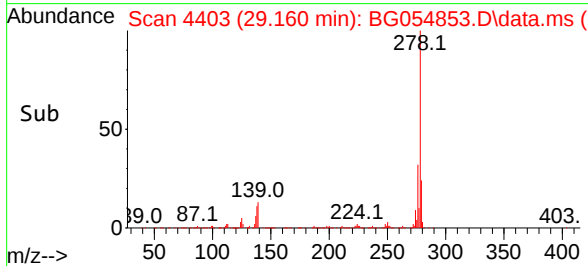
Instrument :
BNA_G
ClientSampleId :
PB147406BS



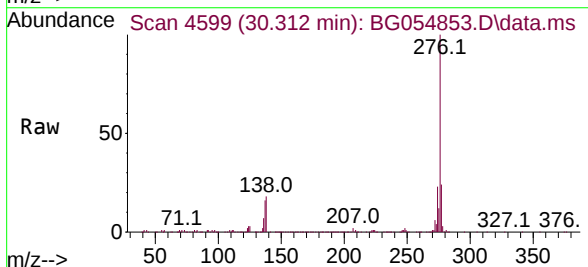
Tgt Ion:278 Resp: 841699
Ion Ratio Lower Upper
278 100
139 12.9 11.4 17.2
279 23.9 19.3 28.9

Manual Integrations
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Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#92
Benzo(g,h,i)perylene
Concen: 44.416 ng
RT: 30.312 min Scan# 4599
Delta R.T. 0.014 min
Lab File: BG054853.D
Acq: 6 Sep 2022 15:42



Tgt Ion:276 Resp: 825958
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.0
138 18.1 16.6 25.0

