

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082022\
 Data File : BG054681.D
 Acq On : 20 Aug 2022 4:13
 Operator : CG/JU
 Sample : PB147107BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147107BS

Quant Time: Aug 22 00:38:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 22 00:08:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 08/22/2022
 Supervised By : Jagrut Upadhyay 08/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	64867	20.000	ng	0.00
21) Naphthalene-d8	10.985	136	272767	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	172632	20.000	ng	0.00
64) Phenanthrene-d10	17.536	188	375461	20.000	ng	0.00
76) Chrysene-d12	21.831	240	355589	20.000	ng	0.00
86) Perylene-d12	25.203	264	372464	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	508714	142.004	ng	0.00
7) Phenol-d6	7.307	99	650725	129.885	ng	0.00
23) Nitrobenzene-d5	9.334	82	384342	81.350	ng	0.00
42) 2,4,6-Tribromophenol	16.279	330	222705	123.550	ng	0.00
45) 2-Fluorobiphenyl	13.417	172	874795	79.375	ng	0.00
79) Terphenyl-d14	20.139	244	1380987	83.007	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.541	88	51931	29.689	ng	99
3) Pyridine	3.952	79	150099	31.942	ng	99
4) n-Nitrosodimethylamine	3.864	42	88045	42.089	ng	99
6) Aniline	7.477	93	265003	44.134	ng	98
8) 2-Chlorophenol	7.718	128	187965	48.367	ng	97
9) Benzaldehyde	7.289	77	136545	45.231	ng	99
10) Phenol	7.330	94	237644	46.691	ng	98
11) bis(2-Chloroethyl)ether	7.571	93	180584	44.005	ng	99
12) 1,3-Dichlorobenzene	8.047	146	198736	43.598	ng	99
13) 1,4-Dichlorobenzene	8.194	146	200336	43.545	ng	99
14) 1,2-Dichlorobenzene	8.517	146	195602	44.849	ng	97
15) Benzyl Alcohol	8.394	79	166451	46.722	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.687	45	282898	44.214	ng	100
17) 2-Methylphenol	8.593	107	164105	47.104	ng	97
18) Hexachloroethane	9.252	117	70802	43.949	ng	97
19) n-Nitroso-di-n-propyla...	8.969	70	144610	43.951	ng	99
20) 3+4-Methylphenols	8.922	107	217407	45.180	ng	99
22) Acetophenone	8.987	105	278384	42.296	ng	100
24) Nitrobenzene	9.375	77	202873	42.276	ng	100
25) Isophorone	9.898	82	398966	43.970	ng	100
26) 2-Nitrophenol	10.086	139	84973	45.759	ng	99
27) 2,4-Dimethylphenol	10.133	122	179942	49.893	ng	100
28) bis(2-Chloroethoxy)met...	10.380	93	240780	46.199	ng	97
29) 2,4-Dichlorophenol	10.621	162	175686	45.528	ng	99
30) 1,2,4-Trichlorobenzene	10.844	180	185339	40.151	ng	100
31) Naphthalene	11.038	128	566970	40.437	ng	100
32) Benzoic acid	10.274	122	109747	44.786	ng	98
33) 4-Chloroaniline	11.138	127	183660	32.170	ng	99
34) Hexachlorobutadiene	11.314	225	118846	40.075	ng	97
35) Caprolactam	11.913	113	57645m	45.908	ng	
36) 4-Chloro-3-methylphenol	12.242	107	187720	45.707	ng	99
37) 2-Methylnaphthalene	12.630	142	397317	40.868	ng	98
38) 1-Methylnaphthalene	12.847	142	377275	39.882	ng	99
40) 1,2,4,5-Tetrachloroben...	12.988	216	212171	42.129	ng	99
41) Hexachlorocyclopentadiene	12.971	237	273892	102.785	ng	99
43) 2,4,6-Trichlorophenol	13.223	196	142768	45.194	ng	99

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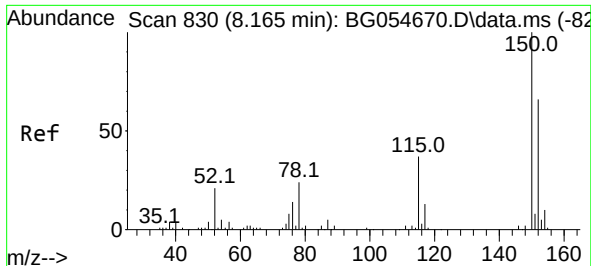
Manual Integrations
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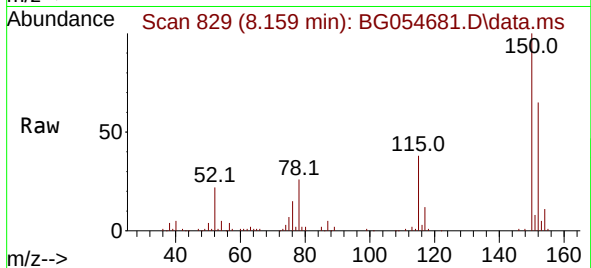
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.294	196	156062	44.137	ng	99
46) 1,1'-Biphenyl	13.629	154	528074	43.133	ng	98
47) 2-Chloronaphthalene	13.676	162	385172	41.392	ng	99
48) 2-Nitroaniline	13.870	65	119051	46.205	ng	98
49) Acenaphthylene	14.516	152	641248	41.929	ng	100
50) Dimethylphthalate	14.240	163	512241	42.064	ng	99
51) 2,6-Dinitrotoluene	14.357	165	106577	46.201	ng	97
52) Acenaphthene	14.857	154	430183	44.660	ng	99
53) 3-Nitroaniline	14.692	138	101034	38.229	ng	95
54) 2,4-Dinitrophenol	14.892	184	91613	78.822	ng	95
55) Dibenzofuran	15.186	168	590397	41.083	ng	99
56) 4-Nitrophenol	14.986	139	195570	96.256	ng	98
57) 2,4-Dinitrotoluene	15.145	165	145654	47.048	ng	96
58) Fluorene	15.832	166	492800	41.013	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.403	232	134426	42.991	ng	99
60) Diethylphthalate	15.597	149	503031	41.884	ng	98
61) 4-Chlorophenyl-phenyle...	15.826	204	251149	42.255	ng	97
62) 4-Nitroaniline	15.856	138	118608	43.062	ng	99
63) Azobenzene	16.120	77	481736	41.658	ng	99
65) 4,6-Dinitro-2-methylph...	15.903	198	58143	43.565	ng	98
66) n-Nitrosodiphenylamine	16.038	169	443686	43.222	ng	99
67) 4-Bromophenyl-phenylether	16.719	248	150477	39.553	ng	98
68) Hexachlorobenzene	16.831	284	187187	42.281	ng	97
69) Atrazine	16.984	200	167998	51.536	ng	99
70) Pentachlorophenol	17.178	266	228078	94.490	ng	98
71) Phenanthrene	17.577	178	783944	41.061	ng	98
72) Anthracene	17.671	178	794075	42.683	ng	99
73) Carbazole	17.935	167	745785	44.084	ng	99
74) Di-n-butylphthalate	18.488	149	868016	43.457	ng	99
75) Fluoranthene	19.581	202	961939	41.729	ng	98
77) Benzidine	19.757	184	640876	96.128	ng	99
78) Pyrene	19.945	202	966292	41.375	ng	100
80) Butylbenzylphthalate	20.820	149	386567	46.103	ng	97
81) Benzo(a)anthracene	21.807	228	953163	41.442	ng	99
82) 3,3'-Dichlorobenzidine	21.719	252	302583	45.882	ng	100
83) Chrysene	21.878	228	888134	40.818	ng	98
84) Bis(2-ethylhexyl)phtha...	21.708	149	569818	46.243	ng	98
85) Di-n-octyl phthalate	22.977	149	956989	46.921	ng	100
87) Indeno(1,2,3-cd)pyrene	29.087	276	1144472	42.026	ng	99
88) Benzo(b)fluoranthene	24.128	252	1029906	45.917	ng	99
89) Benzo(k)fluoranthene	24.199	252	981827	43.518	ng	99
90) Benzo(a)pyrene	25.045	252	906875	47.606	ng	99
91) Dibenzo(a,h)anthracene	29.163	278	985344	43.974	ng	99
92) Benzo(g,h,i)perylene	30.309	276	977608	43.995	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.159 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

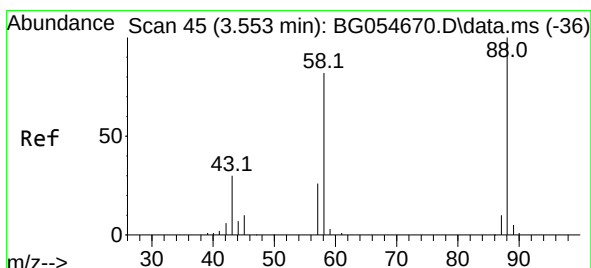
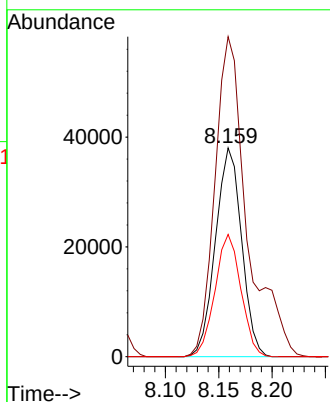
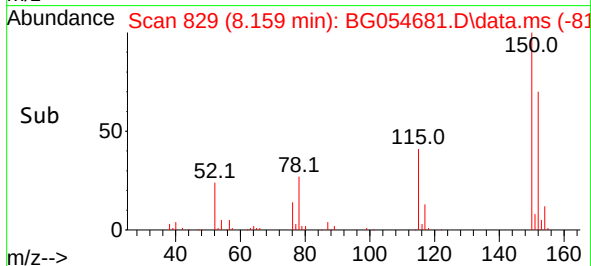
Instrument :
BNA_G
ClientSampleId :
PB147107BS



Tgt Ion:152 Resp: 6486
Ion Ratio Lower Upper
152 100
150 153.2 121.7 182.5
115 58.6 45.3 67.9

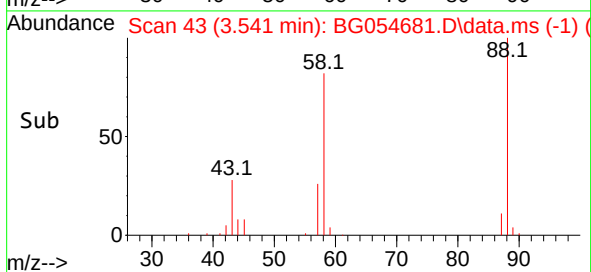
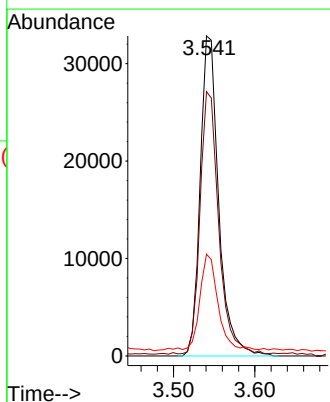
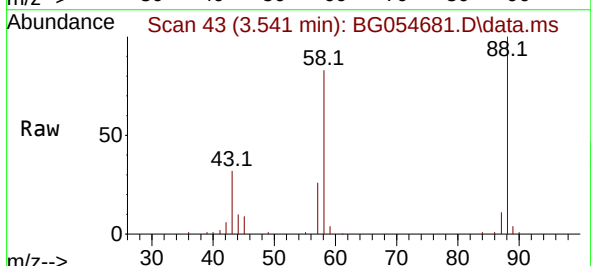
Manual Integrations
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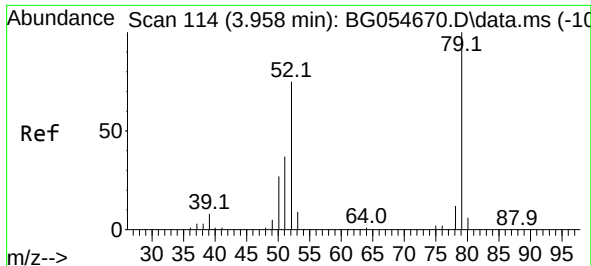
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#2
1,4-Dioxane
Concen: 29.689 ng
RT: 3.541 min Scan# 43
Delta R.T. -0.012 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Tgt Ion: 88 Resp: 51931
Ion Ratio Lower Upper
88 100
58 82.8 65.5 98.3
43 29.5 23.5 35.3





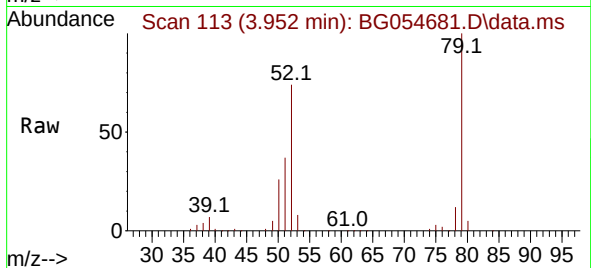
#3
Pyridine
Concen: 31.942 ng
RT: 3.952 min Scan# 114
Delta R.T. -0.006 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Instrument :

BNA_G

ClientSampleId :

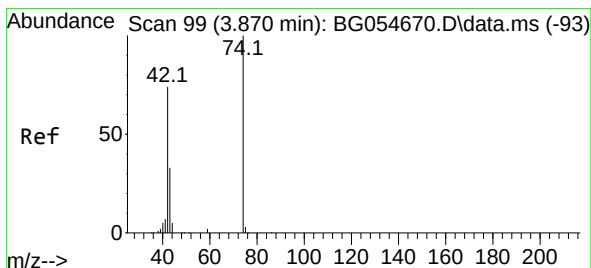
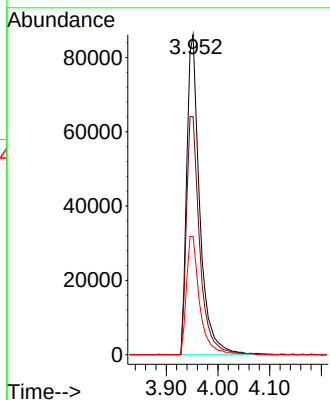
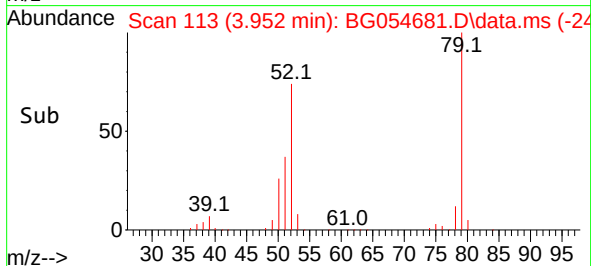
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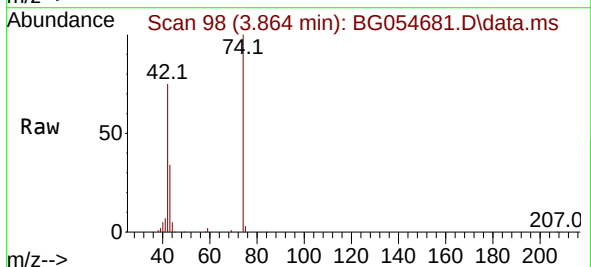
Tgt Ion: 79 Resp: 150095
Ion Ratio Lower Upper
79 100
52 74.4 59.7 89.5
51 37.0 30.2 45.2

Manual Integrations
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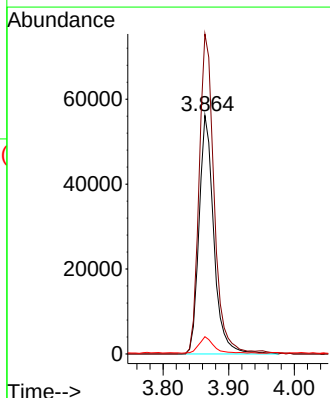
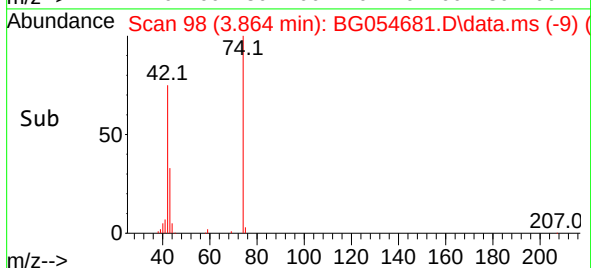
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Supervised By :Jagrut Upadhyay 08/22/2022

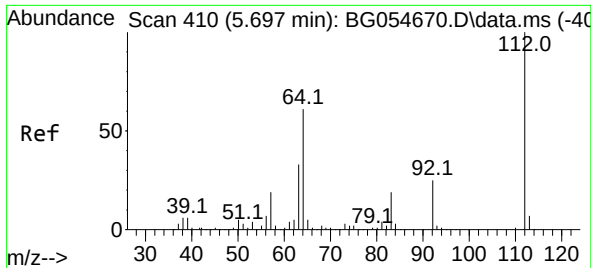


#4
n-Nitrosodimethylamine
Concen: 42.089 ng
RT: 3.864 min Scan# 98
Delta R.T. -0.006 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



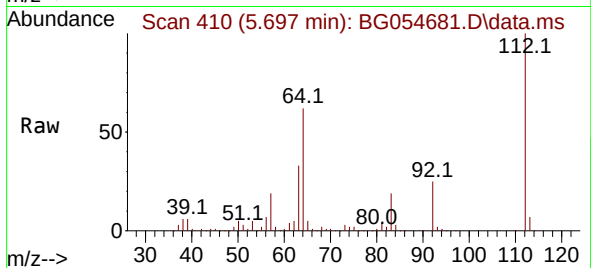
Tgt Ion: 42 Resp: 88045
Ion Ratio Lower Upper
42 100
74 134.1 108.2 162.2
44 7.3 5.4 8.0





#5
2-Fluorophenol
Concen: 142.004 ng
RT: 5.697 min Scan# 410
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

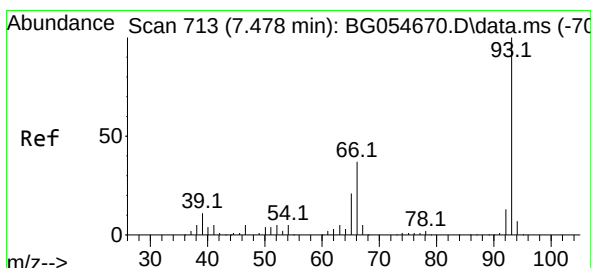
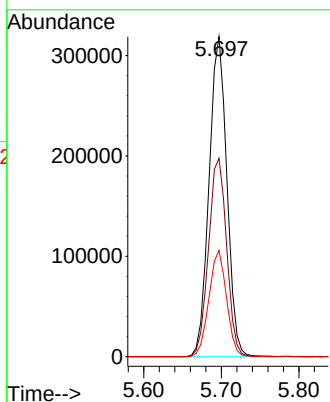
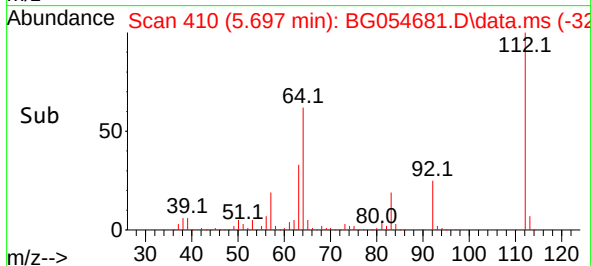
Instrument :
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ClientSampleId :
PB147107BS



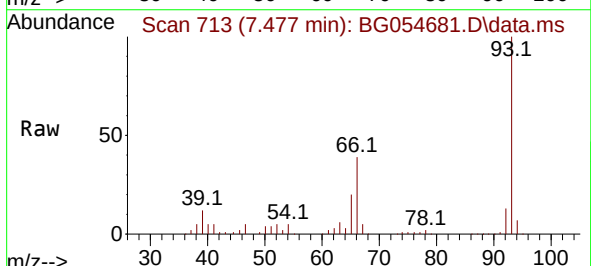
Tgt Ion:112 Resp: 508714
Ion Ratio Lower Upper
112 100
64 62.0 48.6 73.0
63 33.2 26.3 39.5

Manual Integrations
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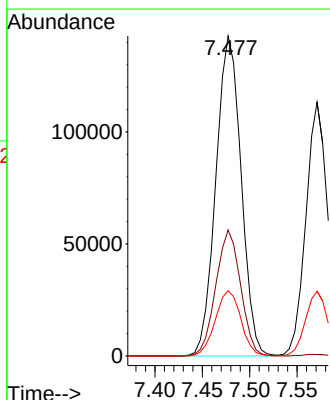
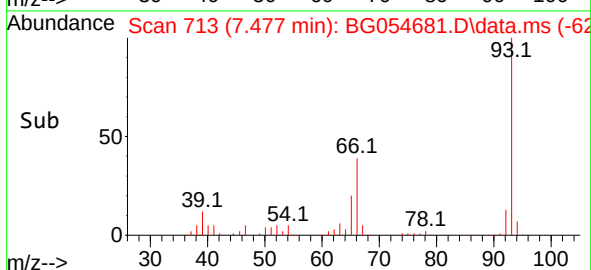
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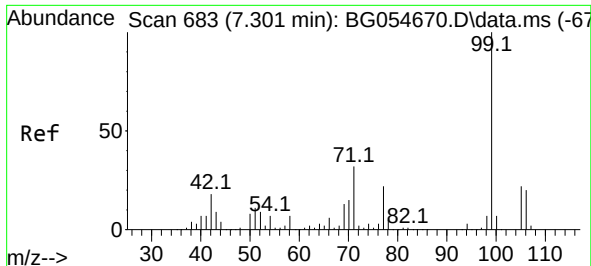


#6
Aniline
Concen: 44.134 ng
RT: 7.477 min Scan# 713
Delta R.T. -0.001 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



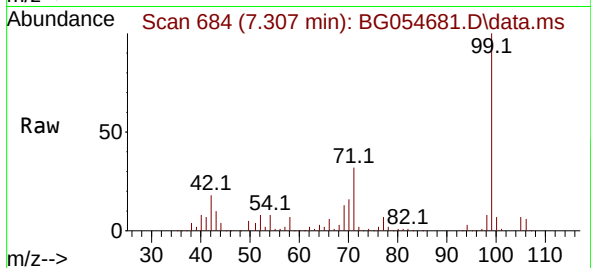
Tgt Ion: 93 Resp: 265003
Ion Ratio Lower Upper
93 100
66 39.4 29.8 44.8
65 20.4 16.5 24.7





#7
Phenol-d6
Concen: 129.885 ng
RT: 7.307 min Scan# 684
Delta R.T. 0.006 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

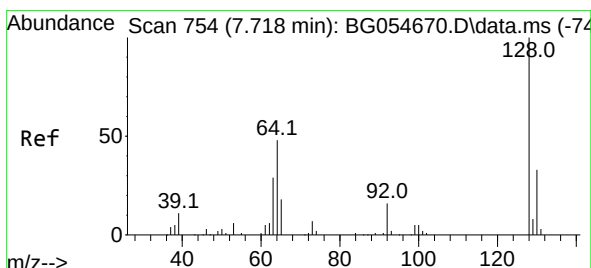
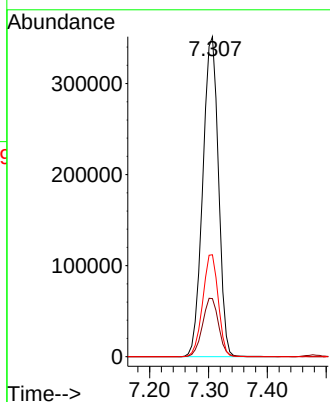
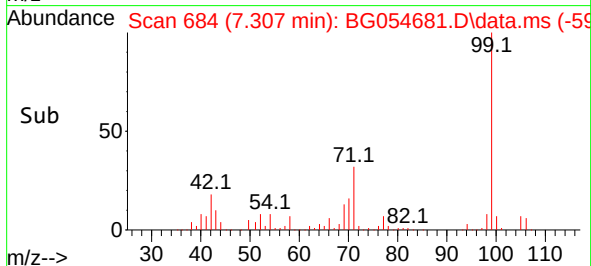
Instrument :
BNA_G
ClientSampleId :
PB147107BS



Tgt Ion: 99 Resp: 650725
Ion Ratio Lower Upper
99 100
42 18.1 14.0 21.0
71 31.8 25.3 37.9

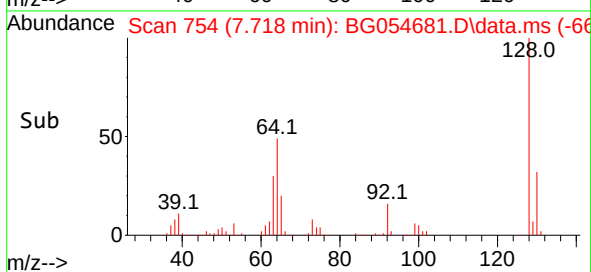
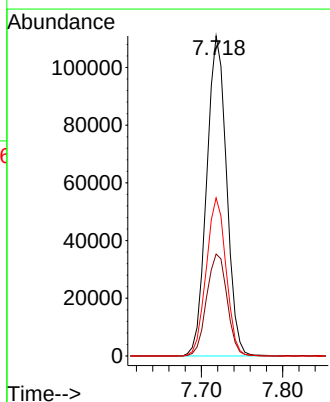
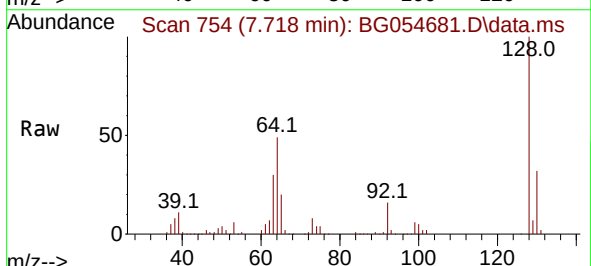
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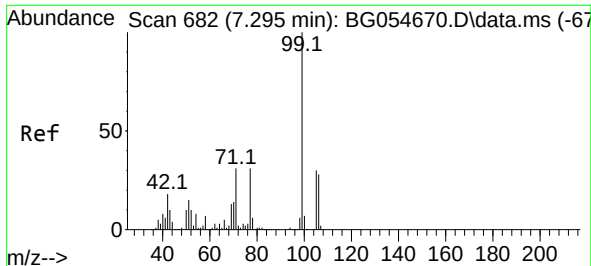
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#8
2-Chlorophenol
Concen: 48.367 ng
RT: 7.718 min Scan# 754
Delta R.T. 0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

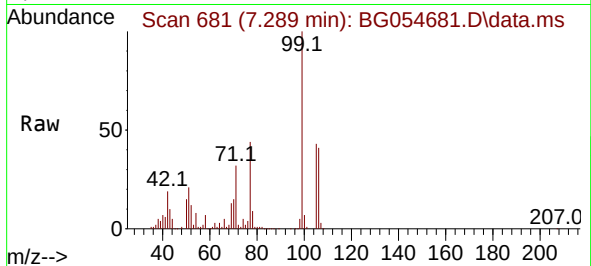
Tgt Ion:128 Resp: 187965
Ion Ratio Lower Upper
128 100
130 31.9 12.6 52.6
64 49.4 32.0 72.0





#9
Benzaldehyde
Concen: 45.231 ng
RT: 7.289 min Scan# 681
Delta R.T. -0.006 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

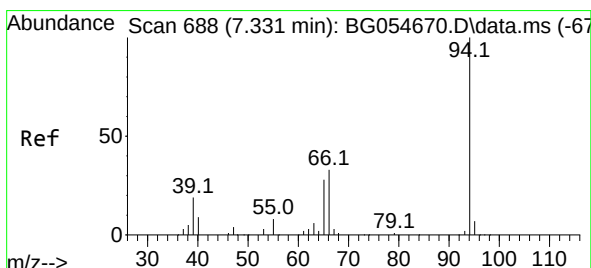
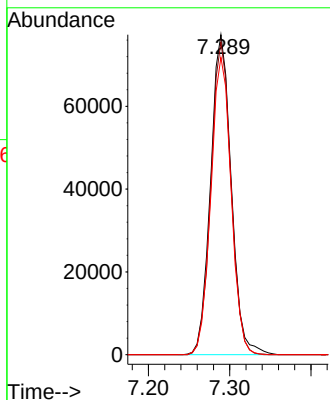
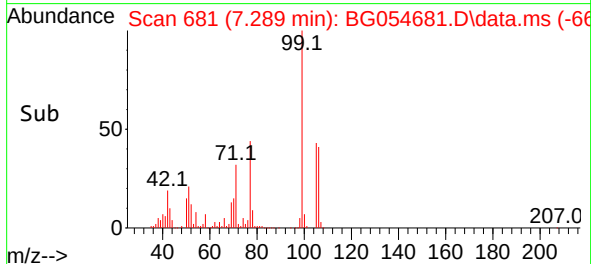
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 77 Resp: 136549
Ion Ratio Lower Upper
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105 97.7 78.7 118.7
106 92.9 71.8 111.8

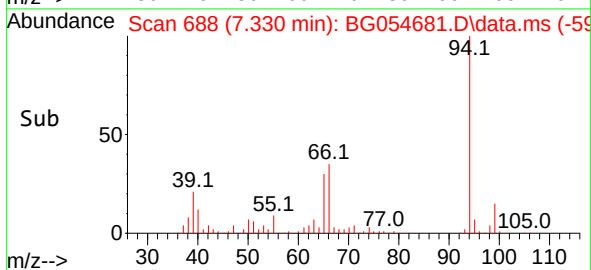
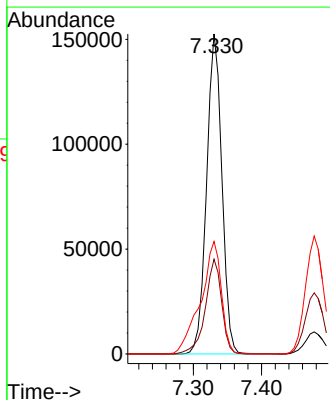
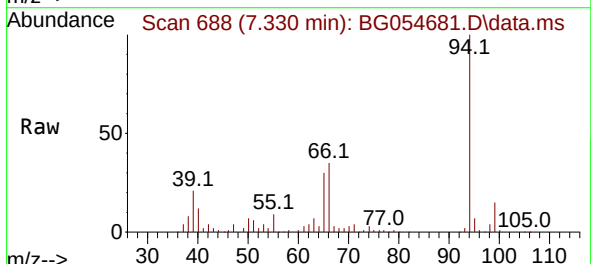
Manual Integrations
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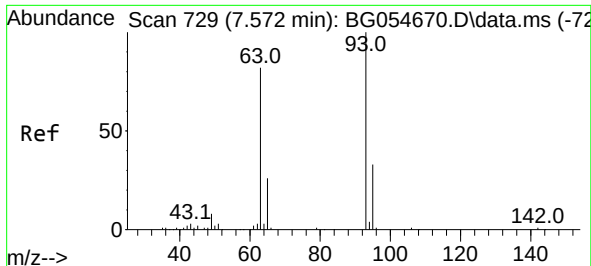
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#10
Phenol
Concen: 46.691 ng
RT: 7.330 min Scan# 688
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Tgt Ion: 94 Resp: 237644
Ion Ratio Lower Upper
94 100
65 29.6 7.9 47.9
66 35.1 14.9 54.9





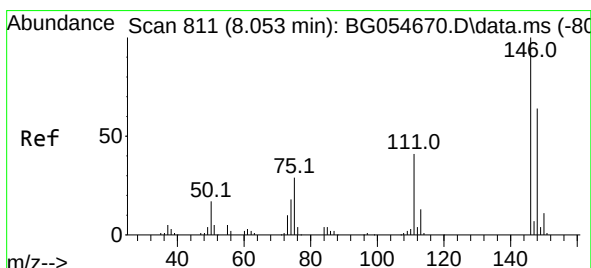
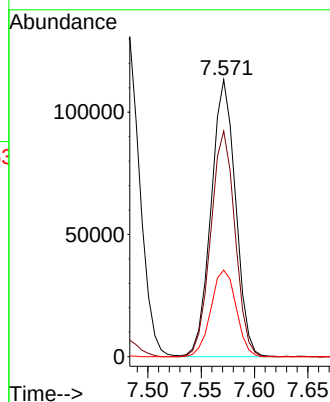
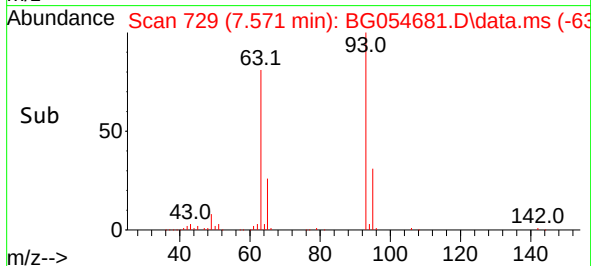
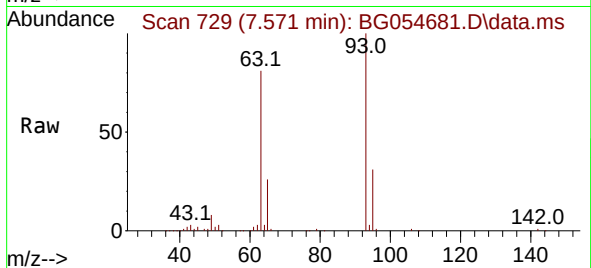
#11
bis(2-Chloroethyl)ether
Concen: 44.005 ng
RT: 7.571 min Scan# 71
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Instrument :
BNA_G
ClientSampleId :
PB147107BS

Tgt Ion: 93 Resp: 180584
Ion Ratio Lower Upper
93 100
63 81.5 61.5 101.5
95 31.3 12.7 52.7

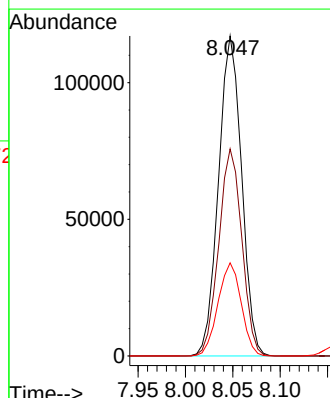
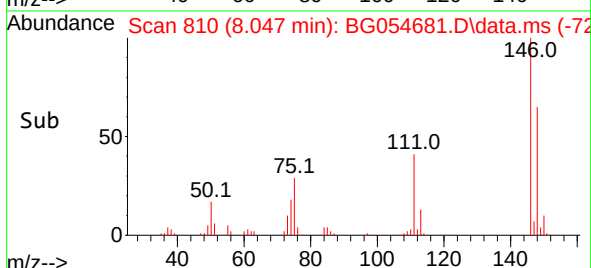
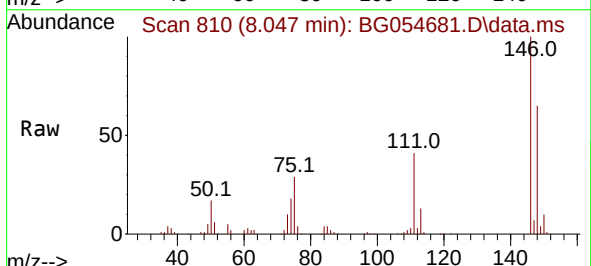
Manual Integrations
APPROVED

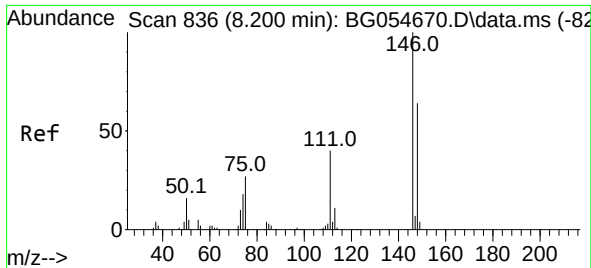
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#12
1,3-Dichlorobenzene
Concen: 43.598 ng
RT: 8.047 min Scan# 810
Delta R.T. -0.006 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

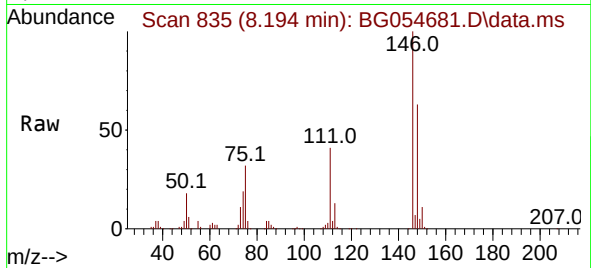
Tgt Ion:146 Resp: 198736
Ion Ratio Lower Upper
146 100
148 64.7 50.8 76.2
75 29.1 23.0 34.6





#13
1,4-Dichlorobenzene
Concen: 43.545 ng
RT: 8.194 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

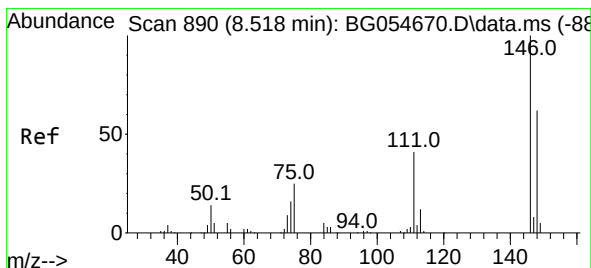
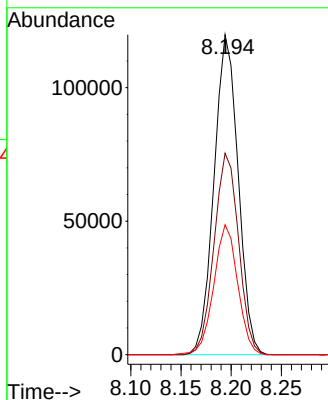
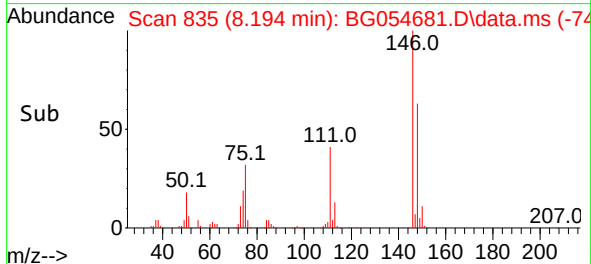
Instrument :
BNA_G
ClientSampleId :
PB147107BS



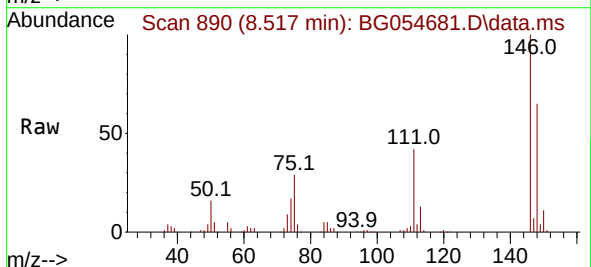
Tgt Ion:146 Resp: 200330
Ion Ratio Lower Upper
146 100
148 63.0 51.6 77.4
111 40.6 32.6 49.0

Manual Integrations
APPROVED

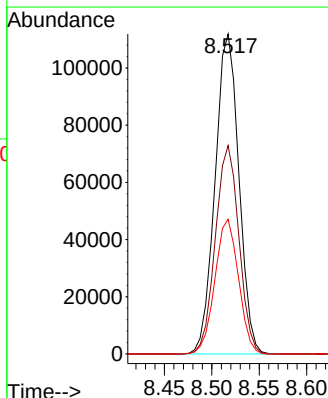
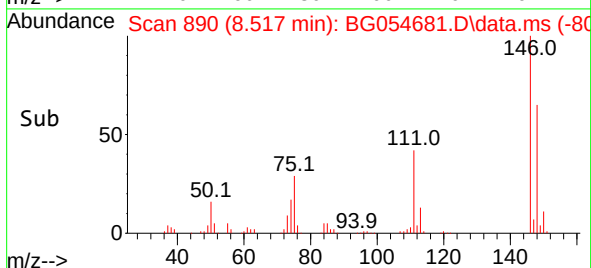
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

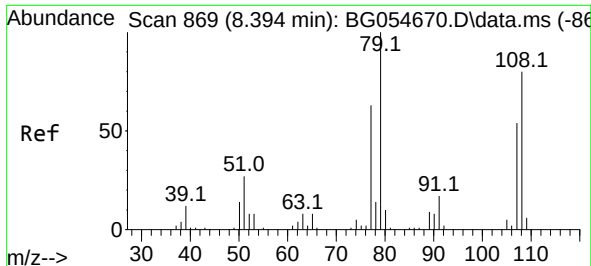


#14
1,2-Dichlorobenzene
Concen: 44.849 ng
RT: 8.517 min Scan# 890
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



Tgt Ion:146 Resp: 195602
Ion Ratio Lower Upper
146 100
148 65.2 49.8 74.6
111 42.1 33.0 49.4





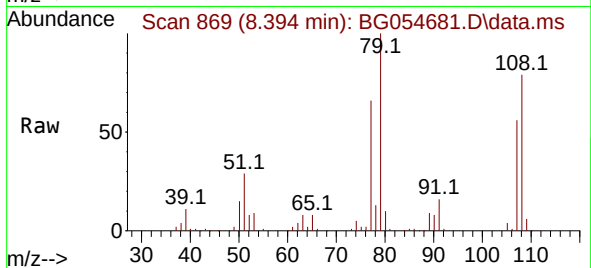
#15
Benzyl Alcohol
Concen: 46.722 ng
RT: 8.394 min Scan# 869
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Instrument :

BNA_G

ClientSampleId :

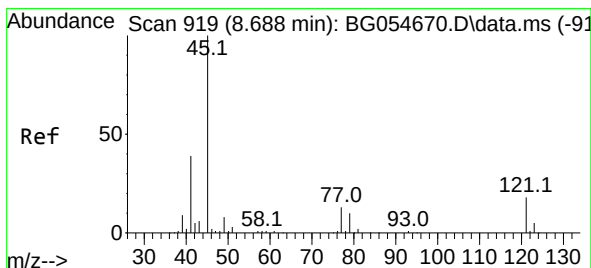
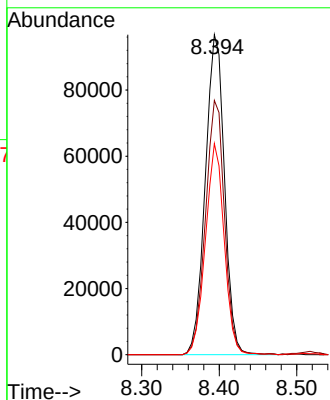
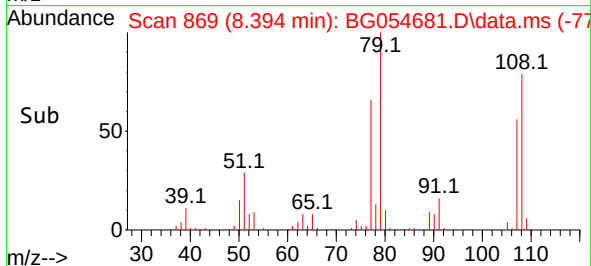
PB147107BS



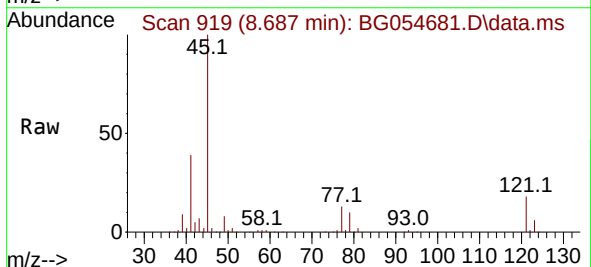
Tgt Ion: 79 Resp: 16645
Ion Ratio Lower Upper
79 100
108 79.4 63.6 95.4
77 65.9 50.5 75.7

Manual Integrations
APPROVED

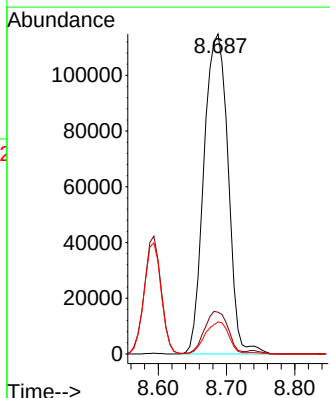
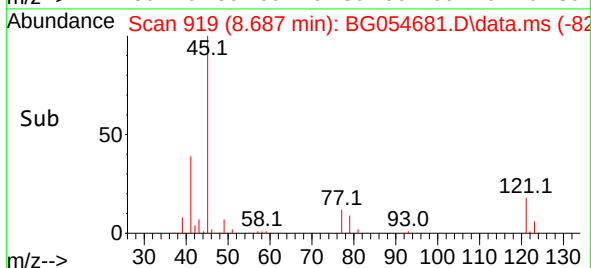
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

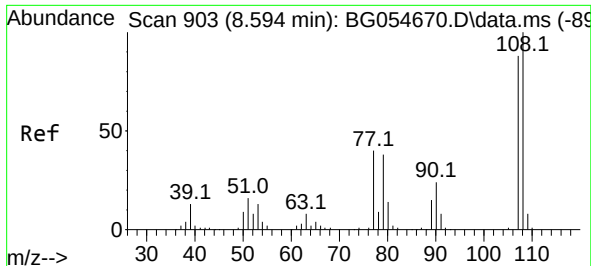


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.214 ng
RT: 8.687 min Scan# 919
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



Tgt Ion: 45 Resp: 282898
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.9
79 10.0 0.0 29.9





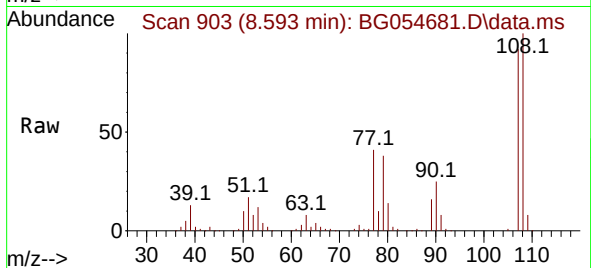
#17
2-Methylphenol
Concen: 47.104 ng
RT: 8.593 min Scan# 90
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Instrument :

BNA_G

ClientSampleId :

PB147107BS

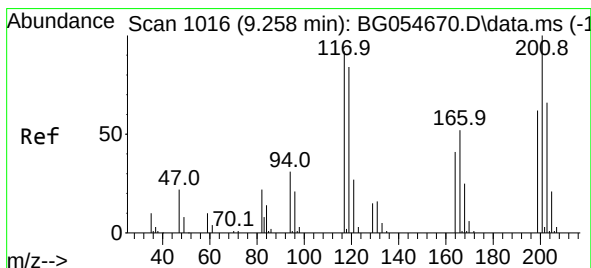
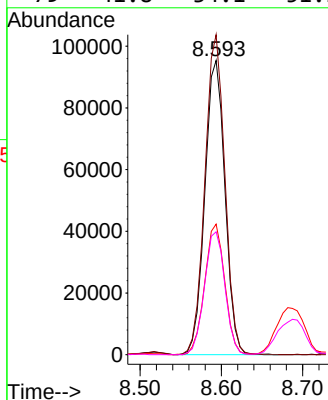
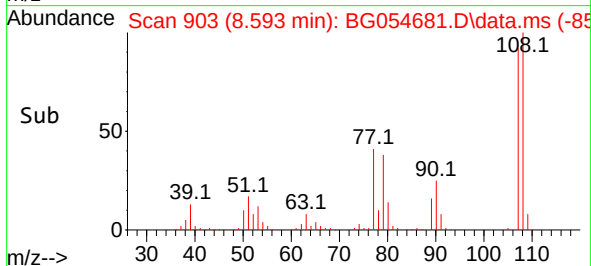


Tgt Ion	Ratio	Lower	Upper
107	100		
108	108.8	90.4	135.6
77	44.4	36.5	54.7
79	41.8	34.1	51.1

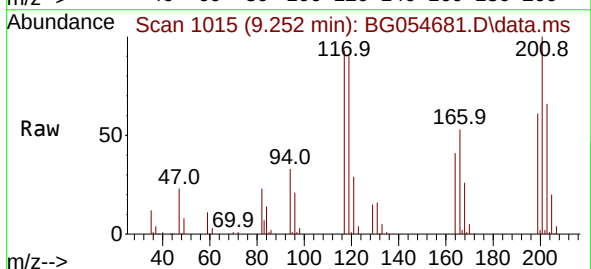
Manual Integrations

APPROVED

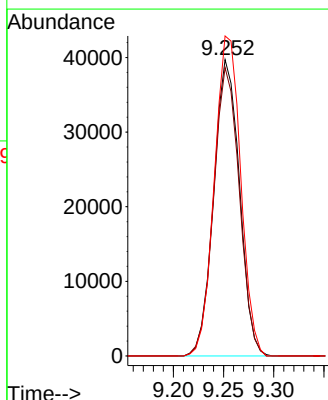
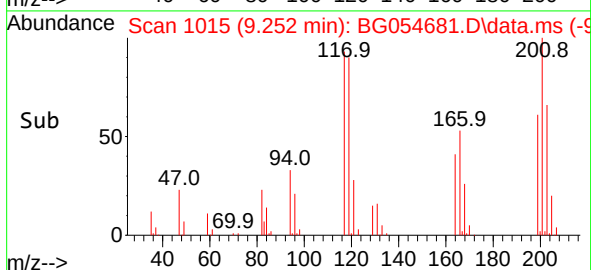
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

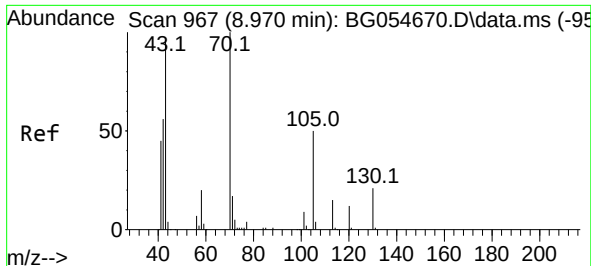


#18
Hexachloroethane
Concen: 43.949 ng
RT: 9.252 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	73.0	109.6
201	108.0	87.2	130.8





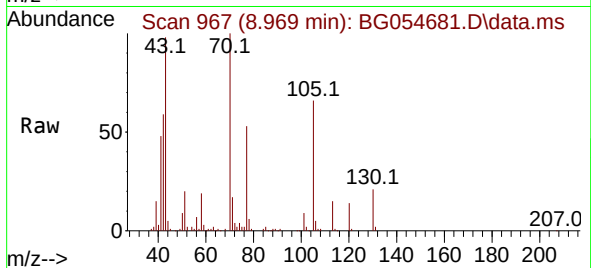
#19
n-Nitroso-di-n-propylamine
Concen: 43.951 ng
RT: 8.969 min Scan# 90
Delta R.T. -0.001 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Instrument :

BNA_G

ClientSampleId :

PB147107BS

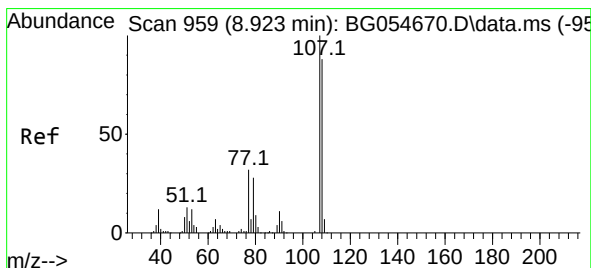
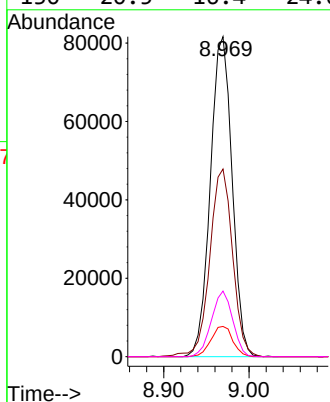
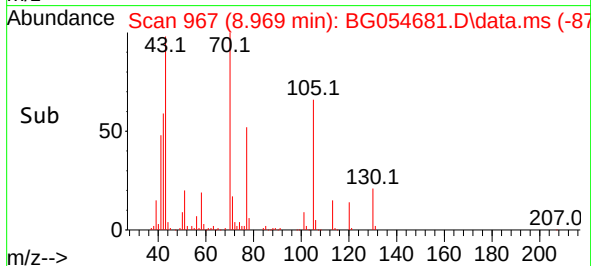


Tgt Ion: 70 Resp: 144610
Ion Ratio Lower Upper
70 100
42 58.7 45.8 68.8
101 9.4 7.1 10.7
130 20.5 16.4 24.6

Manual Integrations

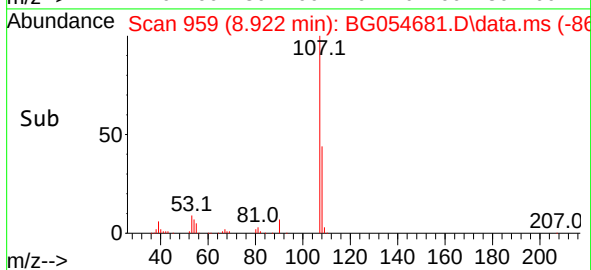
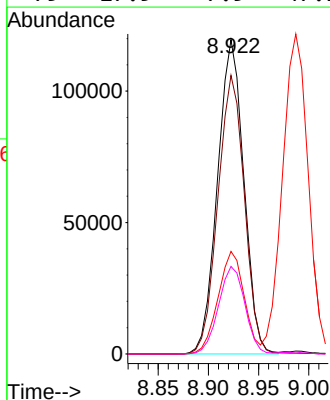
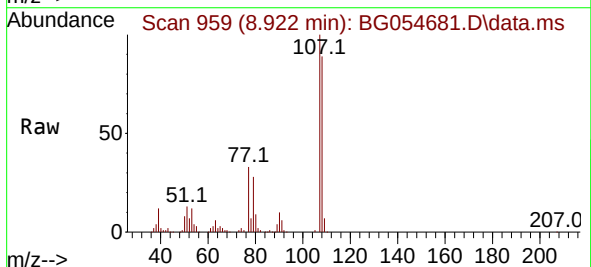
APPROVED

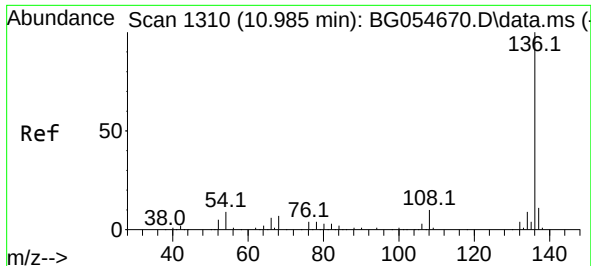
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#20
3+4-Methylphenols
Concen: 45.180 ng
RT: 8.922 min Scan# 959
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Tgt Ion:107 Resp: 217407
Ion Ratio Lower Upper
107 100
108 88.7 67.5 107.5
77 32.7 12.1 52.1
79 27.9 7.9 47.9





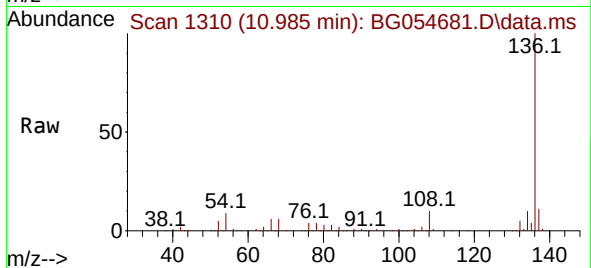
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.985 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Instrument :

BNA_G

ClientSampleId :

PB147107BS

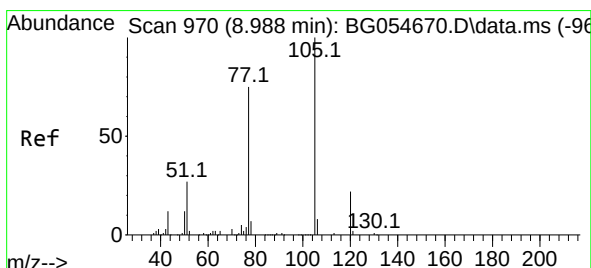
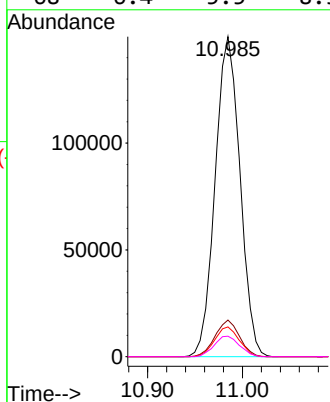
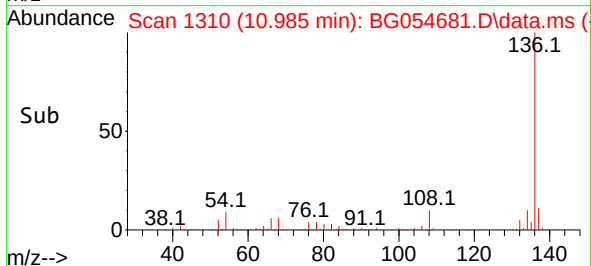


Tgt Ion:136 Resp: 27276
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 9.3 7.4 11.0
68 6.4 5.5 8.3

Manual Integrations

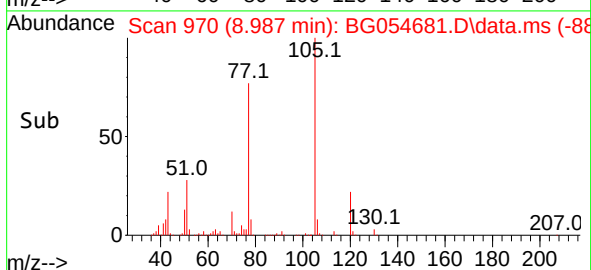
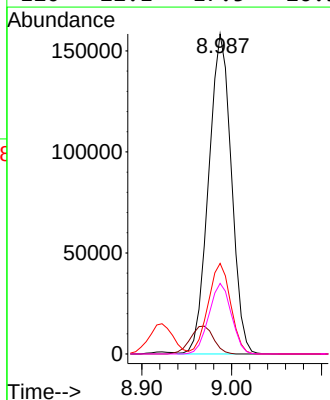
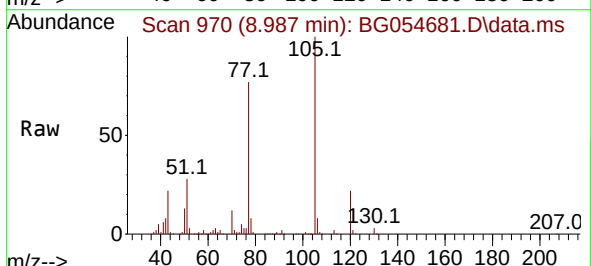
APPROVED

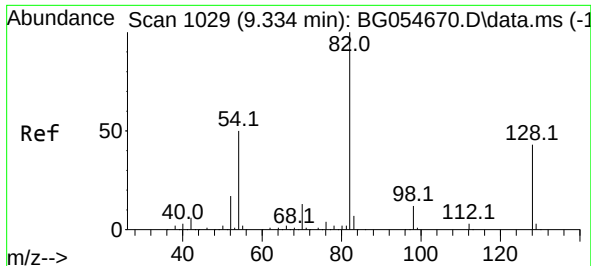
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#22
Acetophenone
Concen: 42.296 ng
RT: 8.987 min Scan# 970
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Tgt Ion:105 Resp: 278384
Ion Ratio Lower Upper
105 100
71 1.8 1.4 2.2
51 28.3 22.6 34.0
120 22.1 17.5 26.3





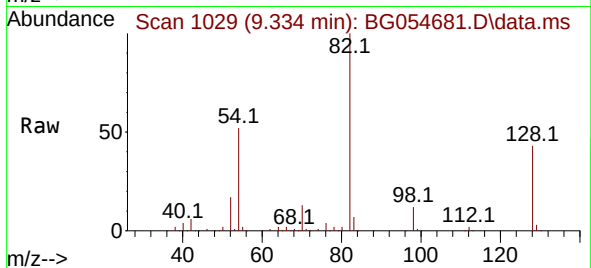
#23
Nitrobenzene-d5
Concen: 81.350 ng
RT: 9.334 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Instrument :

BNA_G

ClientSampleId :

PB147107BS

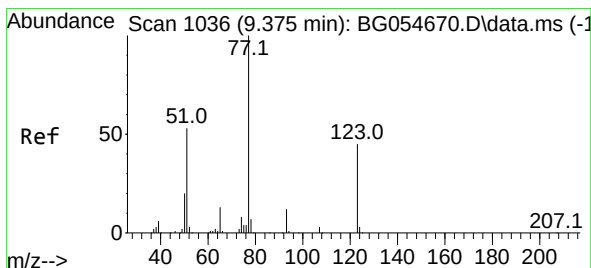
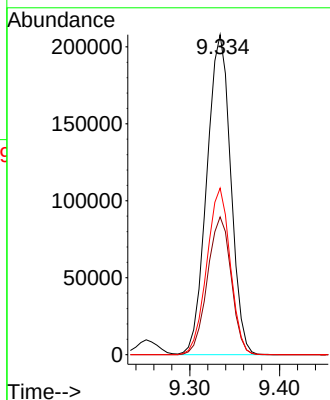
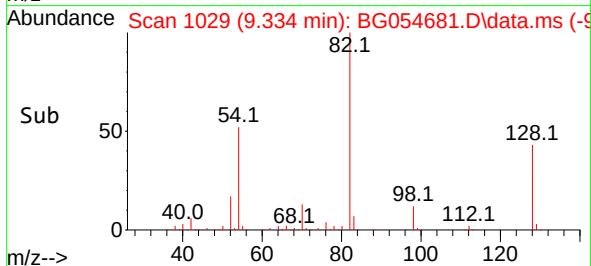


Tgt Ion: 82 Resp: 38434
Ion Ratio Lower Upper
82 100
128 43.1 34.3 51.5
54 52.1 40.0 60.0

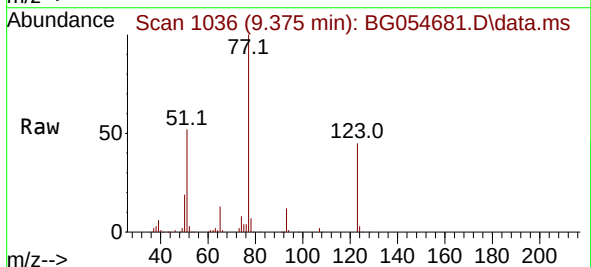
Manual Integrations

APPROVED

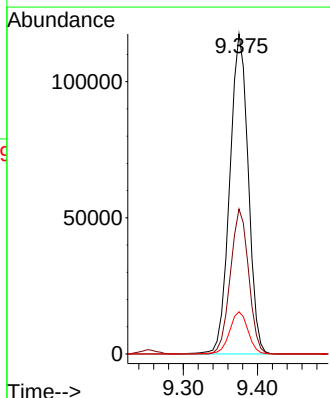
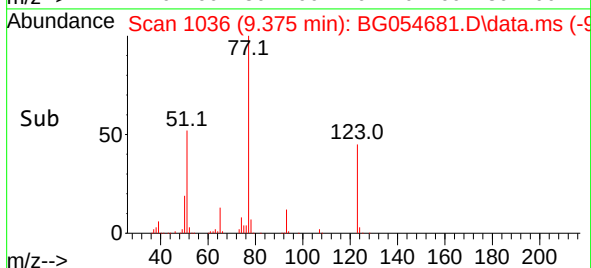
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

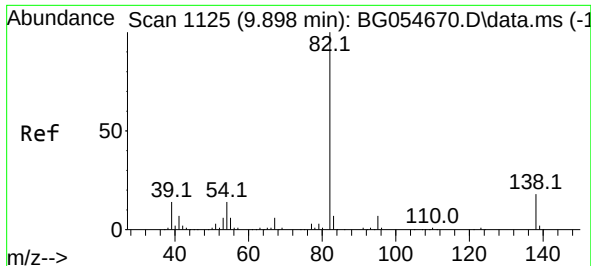


#24
Nitrobenzene
Concen: 42.276 ng
RT: 9.375 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



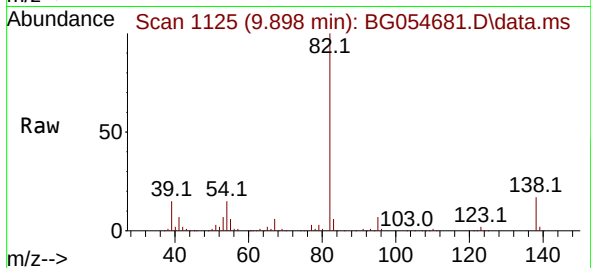
Tgt Ion: 77 Resp: 202873
Ion Ratio Lower Upper
77 100
123 45.3 36.2 54.2
65 13.2 10.7 16.1





#25
Isophorone
Concen: 43.970 ng
RT: 9.898 min Scan# 1125
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

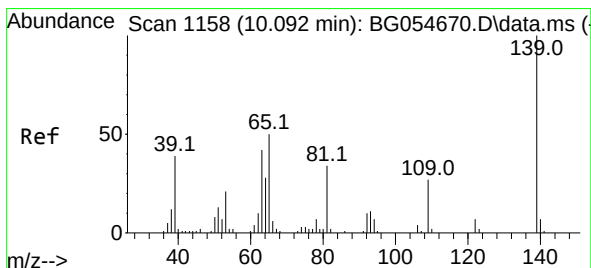
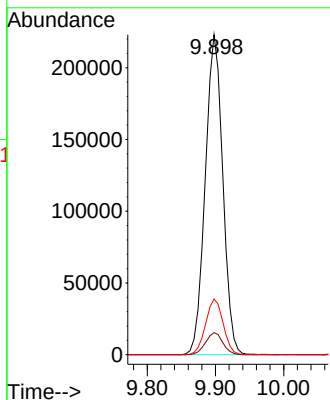
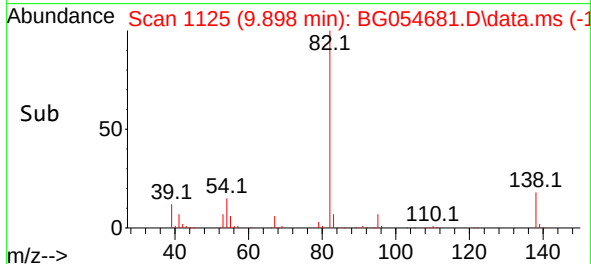
Instrument :
BNA_G
ClientSampleId :
PB147107BS



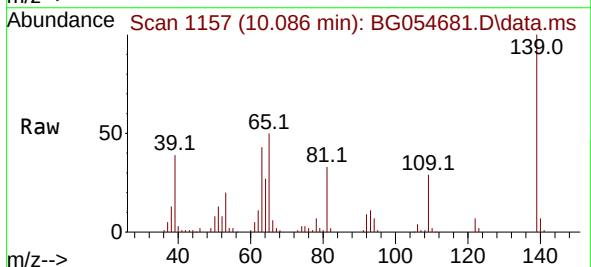
Tgt Ion: 82 Resp: 398960
Ion Ratio Lower Upper
82 100
95 6.9 5.3 7.9
138 17.4 14.0 21.0

Manual Integrations
APPROVED

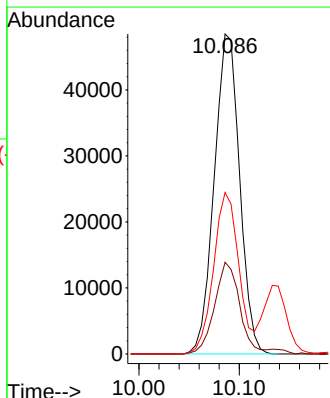
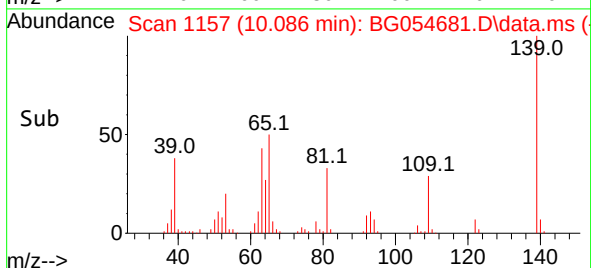
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

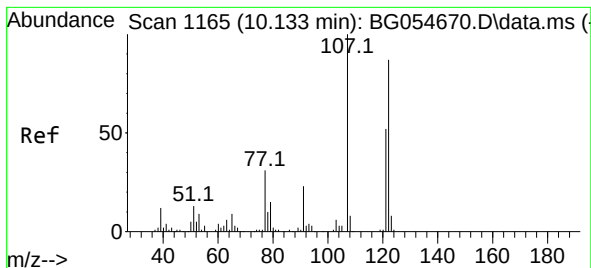


#26
2-Nitrophenol
Concen: 45.759 ng
RT: 10.086 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



Tgt Ion:139 Resp: 84973
Ion Ratio Lower Upper
139 100
109 28.7 21.8 32.6
65 50.4 40.3 60.5





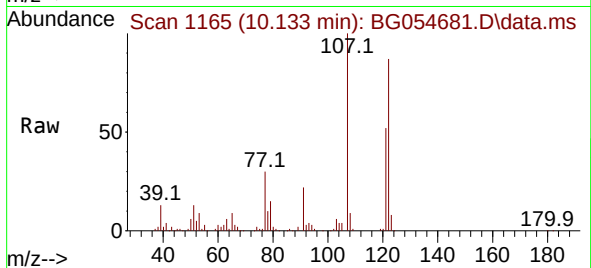
#27
2,4-Dimethylphenol
Concen: 49.893 ng
RT: 10.133 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Instrument :

BNA_G

ClientSampleId :

PB147107BS

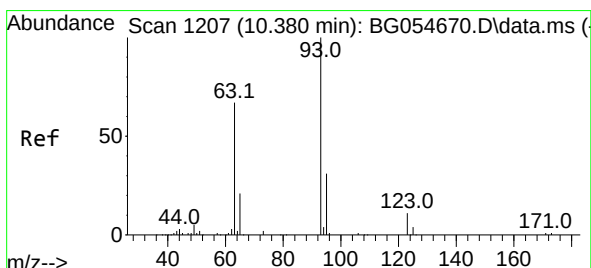
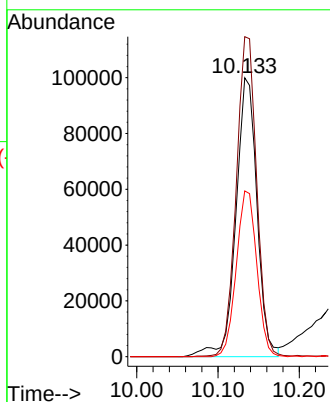
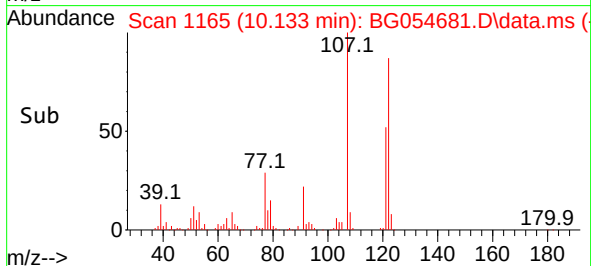


Tgt Ion:122 Resp: 17994
Ion Ratio Lower Upper
122 100
107 114.8 92.0 138.0
121 59.4 48.1 72.1

Manual Integrations

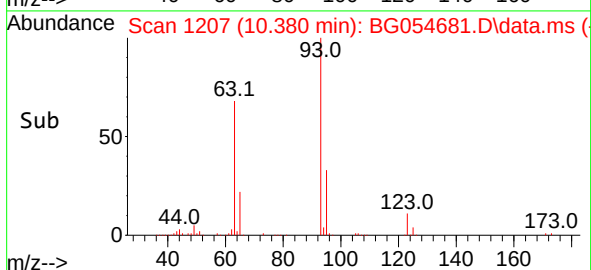
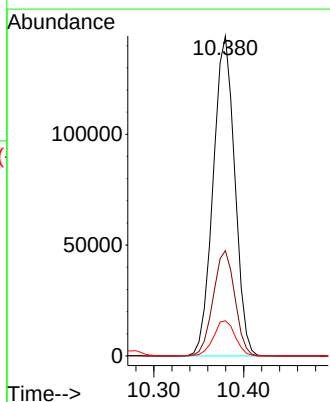
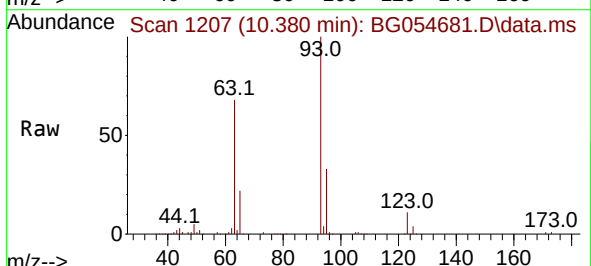
APPROVED

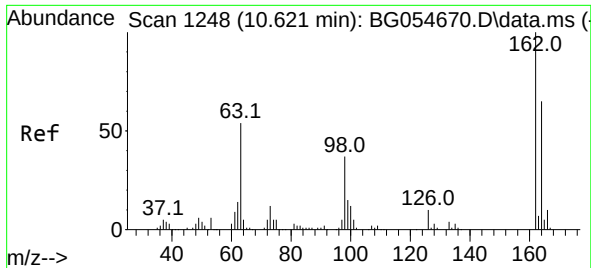
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#28
bis(2-Chloroethoxy)methane
Concen: 46.199 ng
RT: 10.380 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

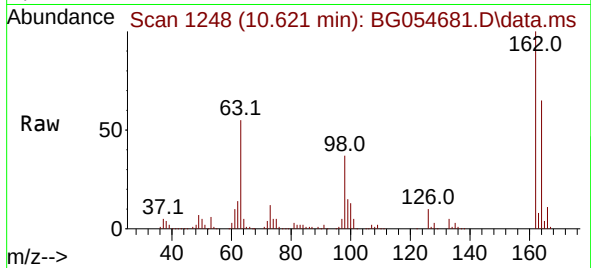
Tgt Ion: 93 Resp: 240780
Ion Ratio Lower Upper
93 100
95 32.9 24.6 36.8
123 11.0 8.6 12.8





#29
2,4-Dichlorophenol
Concen: 45.528 ng
RT: 10.621 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

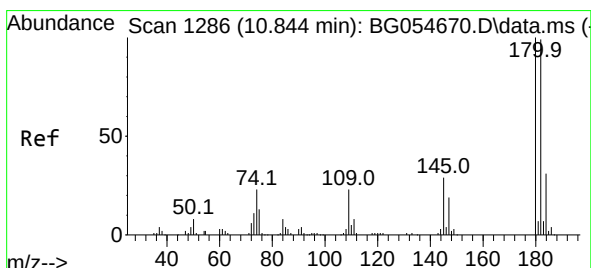
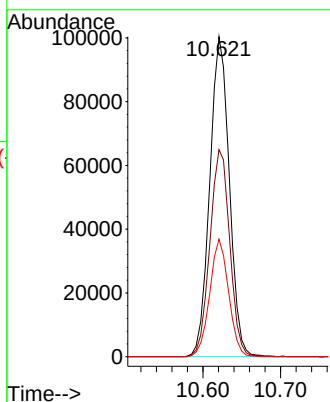
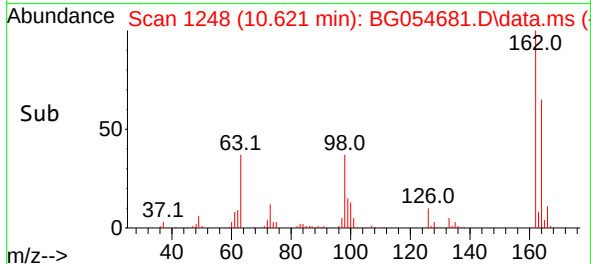
Instrument :
BNA_G
ClientSampleId :
PB147107BS



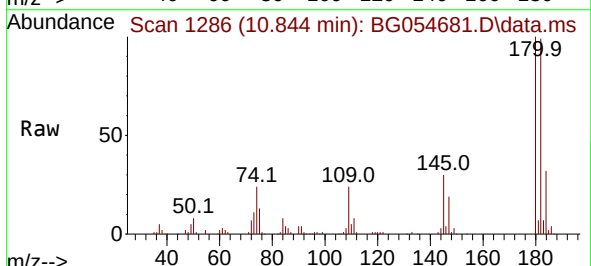
Tgt Ion:162 Resp: 175680
Ion Ratio Lower Upper
162 100
164 64.7 45.4 85.4
98 36.7 17.1 57.1

Manual Integrations
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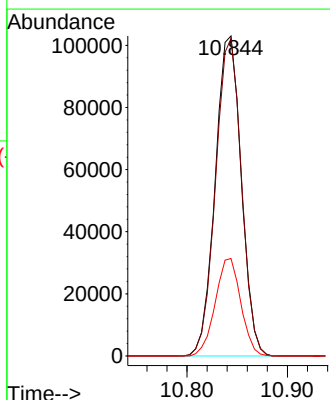
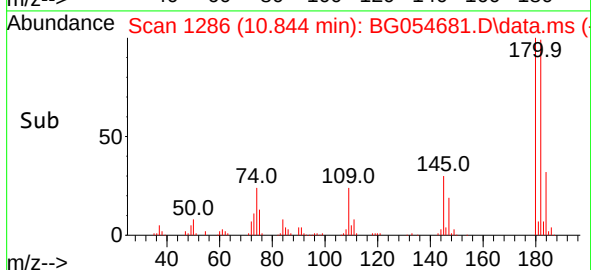
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

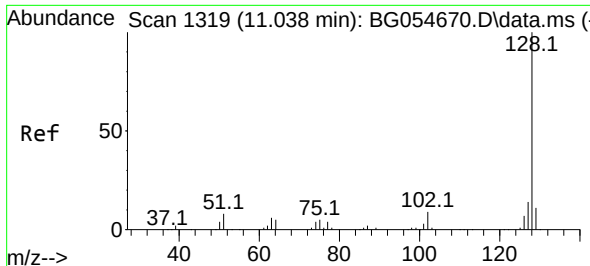


#30
1,2,4-Trichlorobenzene
Concen: 40.151 ng
RT: 10.844 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



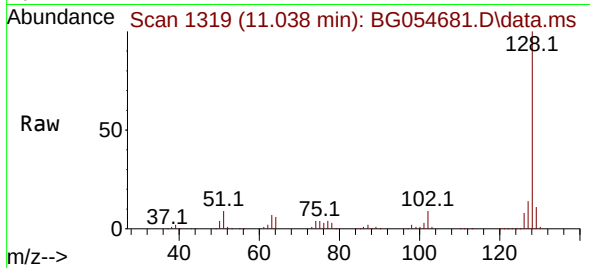
Tgt Ion:180 Resp: 185339
Ion Ratio Lower Upper
180 100
182 99.2 79.4 119.0
145 30.4 23.6 35.4





#31
Naphthalene
Concen: 40.437 ng
RT: 11.038 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

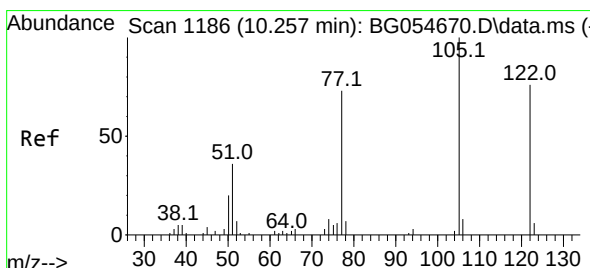
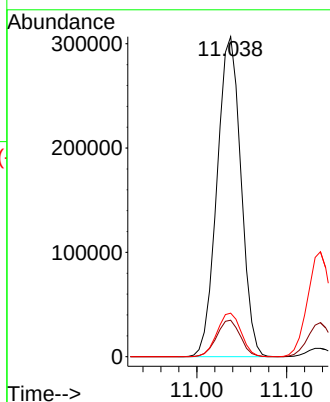
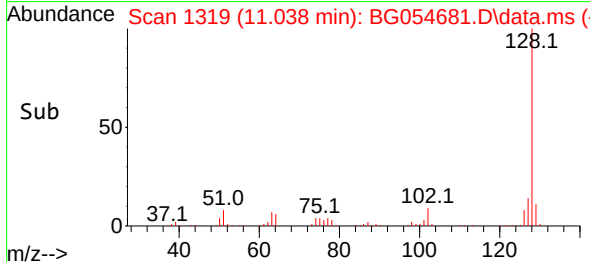
Instrument :
BNA_G
ClientSampleId :
PB147107BS



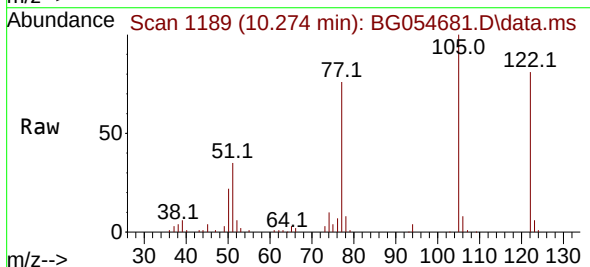
Tgt Ion:128 Resp: 566970
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.6 11.0 16.4

Manual Integrations
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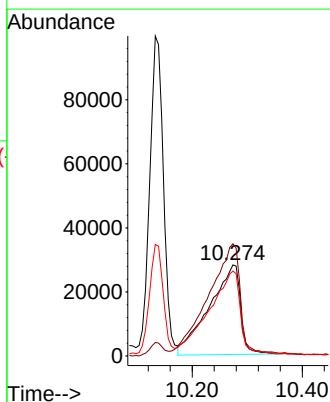
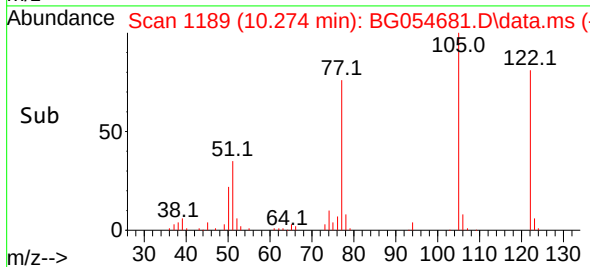
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

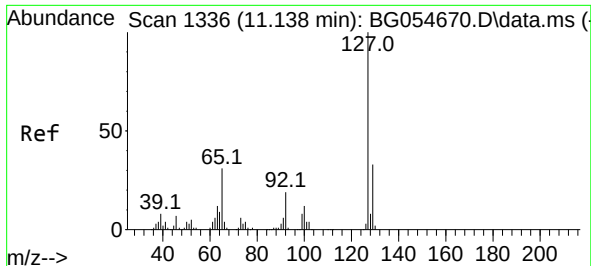


#32
Benzoic acid
Concen: 44.786 ng
RT: 10.274 min Scan# 1189
Delta R.T. 0.017 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



Tgt Ion:122 Resp: 109747
Ion Ratio Lower Upper
122 100
105 123.1 105.3 145.3
77 93.1 74.7 114.7





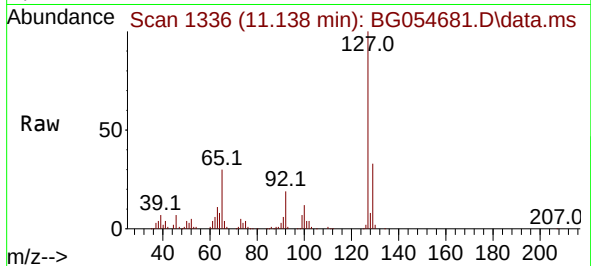
#33
4-Chloroaniline
Concen: 32.170 ng
RT: 11.138 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Instrument :

BNA_G

ClientSampleId :

PB147107BS

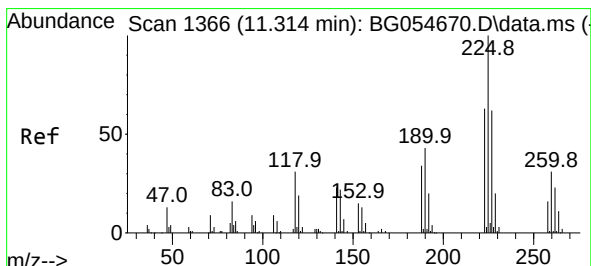
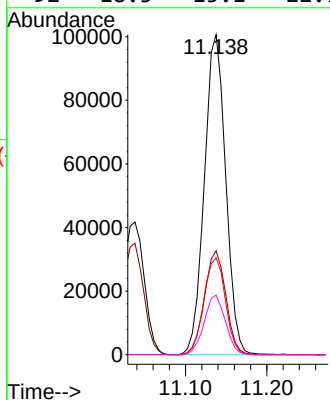
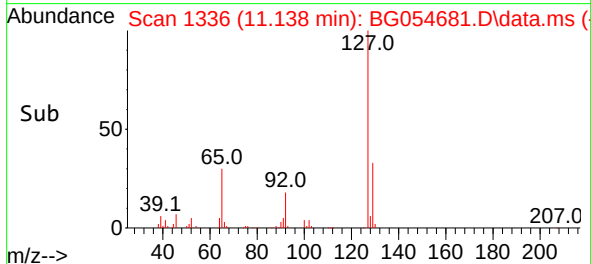


Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.4	39.6
65	30.2	24.6	36.8
92	18.5	15.1	22.7

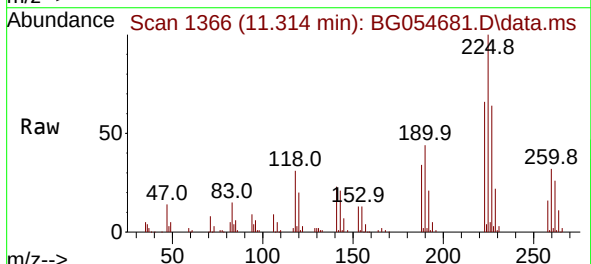
Manual Integrations

APPROVED

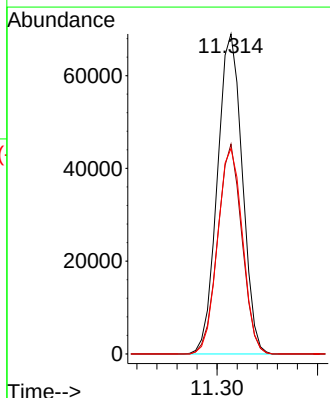
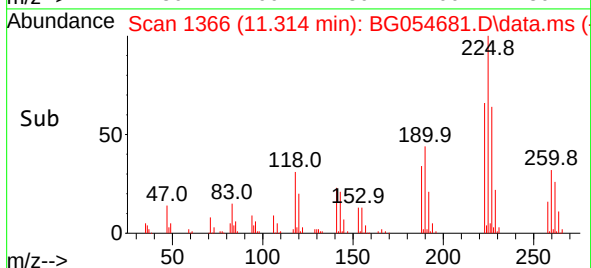
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

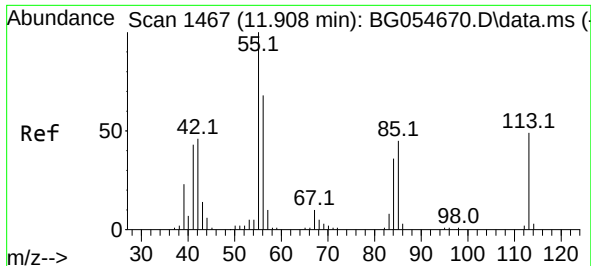


#34
Hexachlorobutadiene
Concen: 40.075 ng
RT: 11.314 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



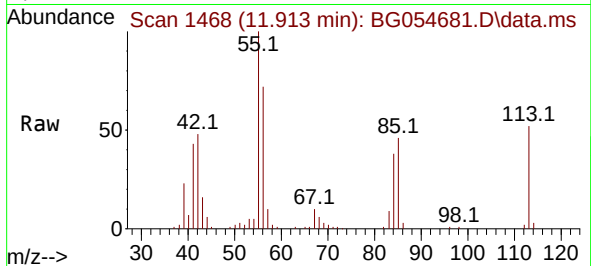
Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	50.2	75.4
227	64.2	49.6	74.4





#35
Caprolactam
Concen: 45.908 ng m
RT: 11.913 min Scan# 1468
Delta R.T. 0.005 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

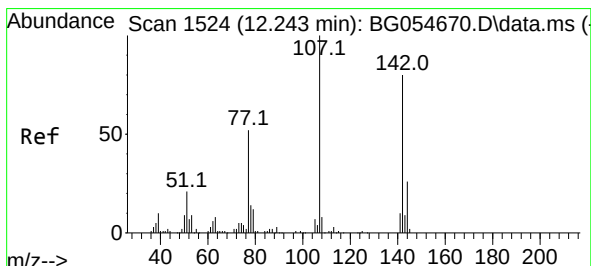
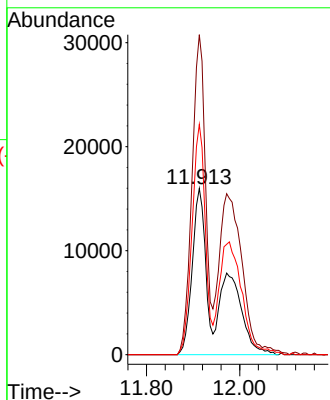
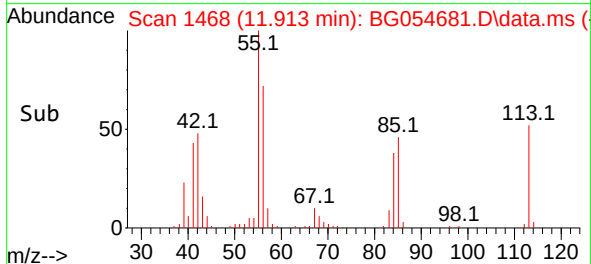
Instrument :
BNA_G
ClientSampleId :
PB147107BS



Tgt Ion:113 Resp: 5764
Ion Ratio Lower Upper
113 100
55 192.5 186.1 226.1
56 138.5 121.1 161.1

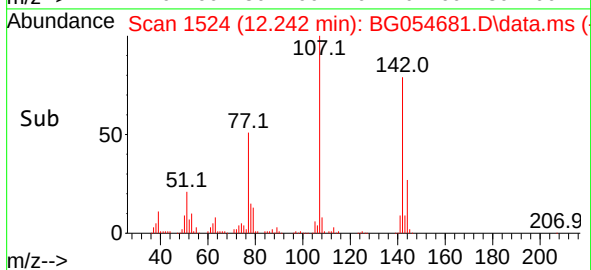
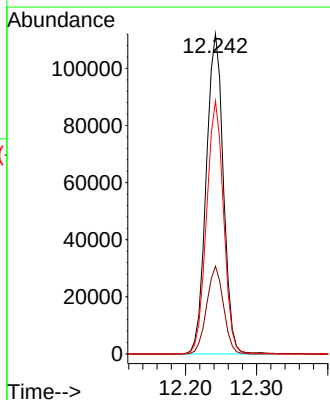
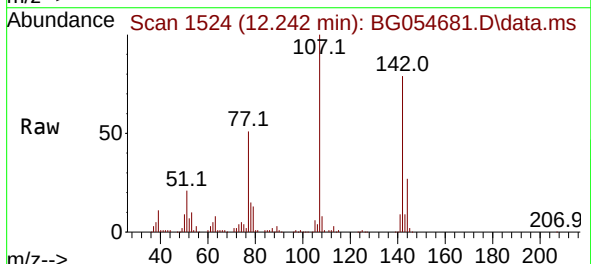
Manual Integrations
APPROVED

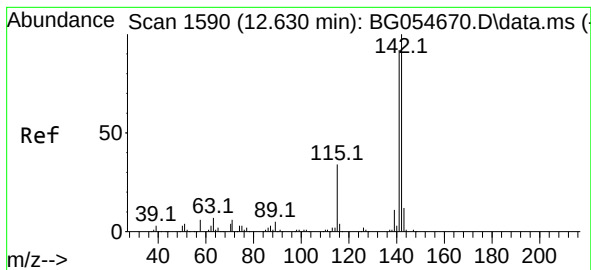
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#36
4-Chloro-3-methylphenol
Concen: 45.707 ng
RT: 12.242 min Scan# 1524
Delta R.T. -0.001 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

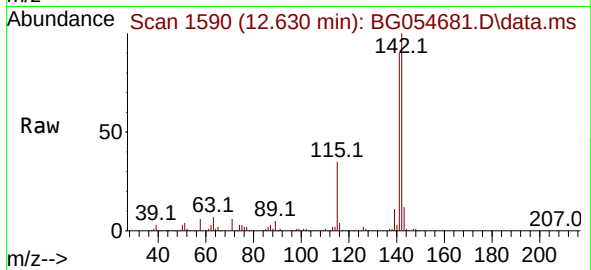
Tgt Ion:107 Resp: 187720
Ion Ratio Lower Upper
107 100
144 27.4 21.0 31.4
142 79.1 63.9 95.9





#37
2-Methylnaphthalene
Concen: 40.868 ng
RT: 12.630 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

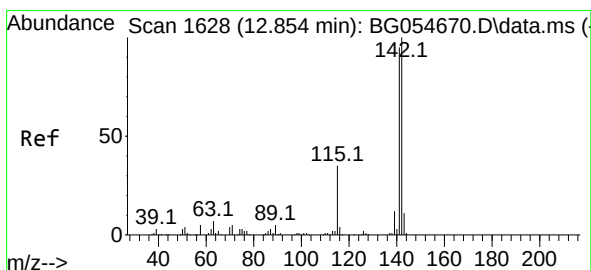
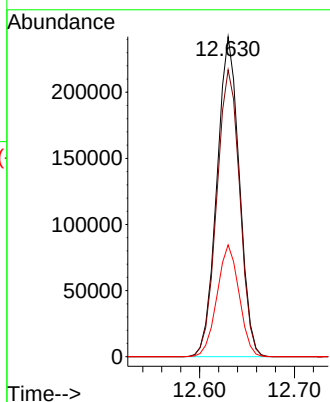
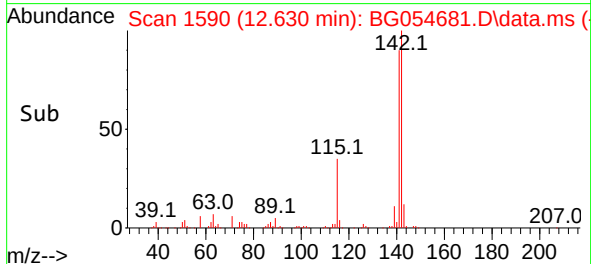
Instrument :
BNA_G
ClientSampleId :
PB147107BS



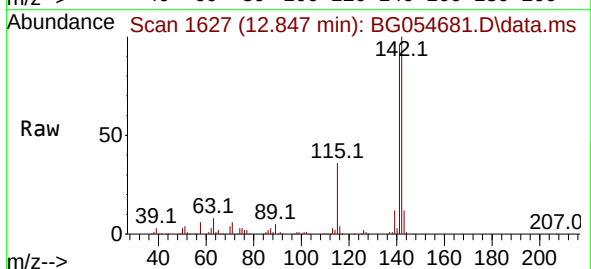
Tgt Ion:142 Resp: 39731
Ion Ratio Lower Upper
142 100
141 89.6 73.7 110.5
115 35.0 27.2 40.8

Manual Integrations
APPROVED

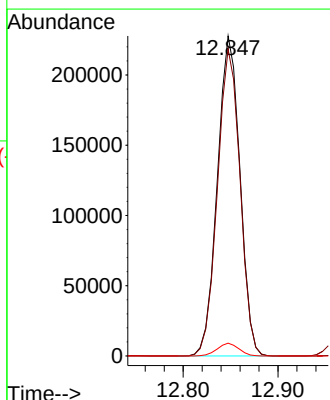
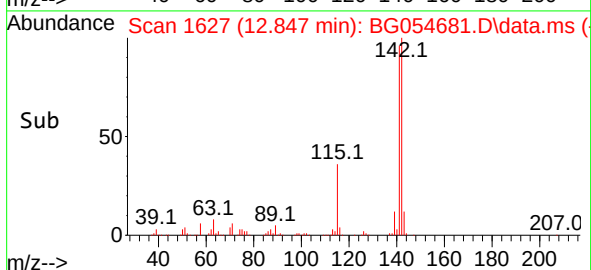
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

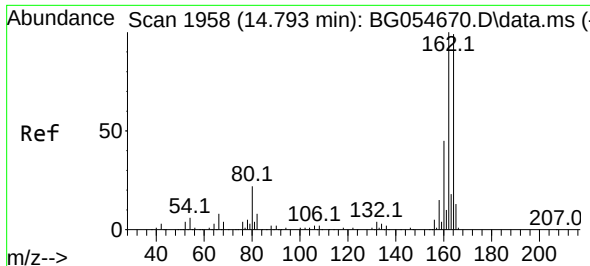


#38
1-Methylnaphthalene
Concen: 39.882 ng
RT: 12.847 min Scan# 1627
Delta R.T. -0.006 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



Tgt Ion:142 Resp: 377275
Ion Ratio Lower Upper
142 100
141 95.9 75.8 113.6
116 4.0 3.0 4.4





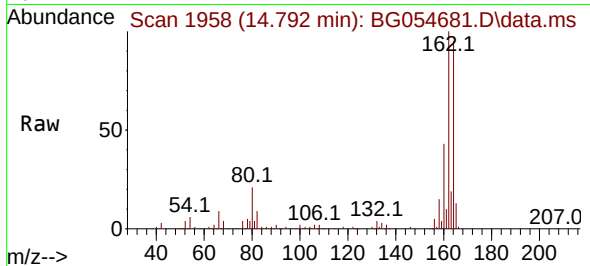
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.792 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Instrument :

BNA_G

ClientSampleId :

PB147107BS

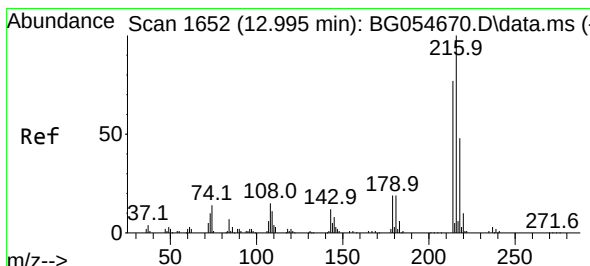
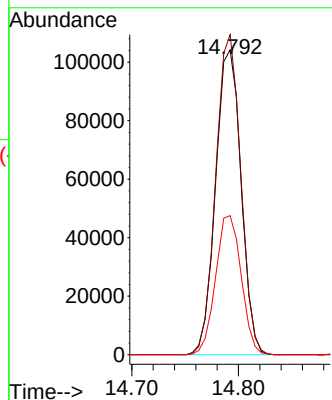
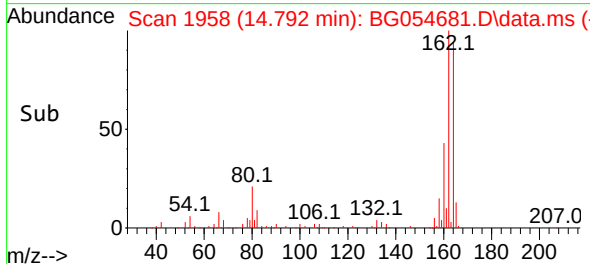


Tgt Ion:164 Resp: 17263
Ion Ratio Lower Upper
164 100
162 105.0 80.9 121.3
160 45.6 36.2 54.2

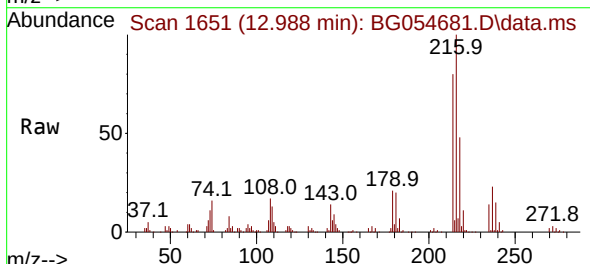
Manual Integrations

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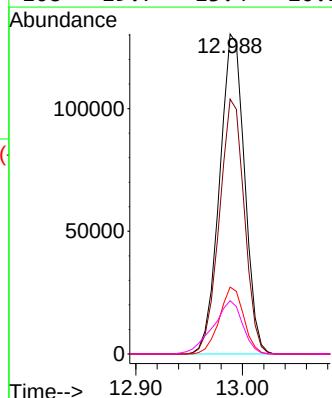
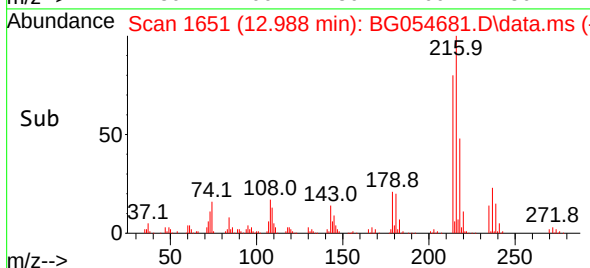
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

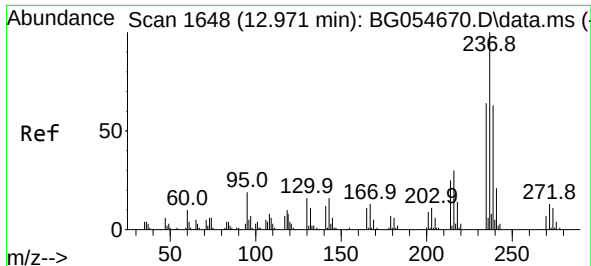


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.129 ng
RT: 12.988 min Scan# 1651
Delta R.T. -0.007 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



Tgt Ion:216 Resp: 212171
Ion Ratio Lower Upper
216 100
214 79.3 63.7 95.5
179 20.2 15.8 23.8
108 19.7 13.4 20.2





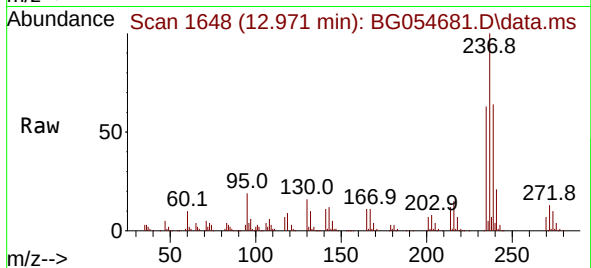
#41
Hexachlorocyclopentadiene
Concen: 102.785 ng
RT: 12.971 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Instrument :

BNA_G

ClientSampleId :

PB147107BS

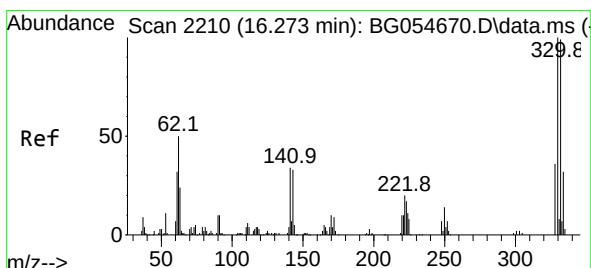
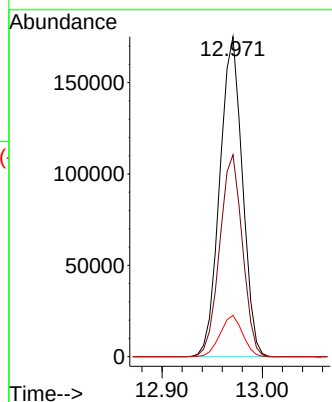
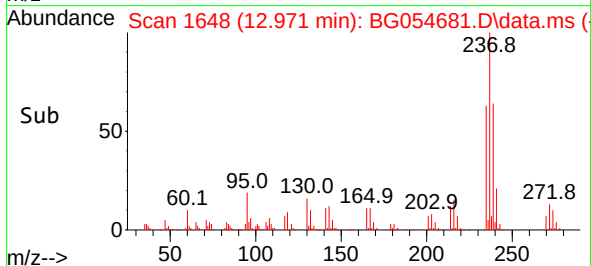


Tgt Ion:237 Resp: 273892
Ion Ratio Lower Upper
237 100
235 63.1 43.9 83.9
272 12.9 0.0 33.0

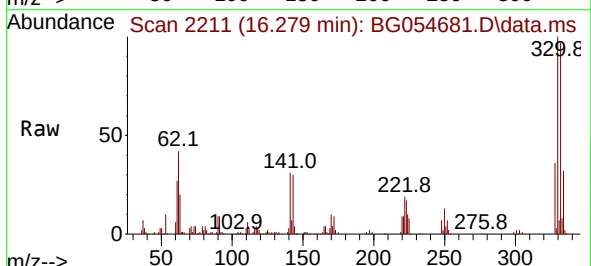
Manual Integrations

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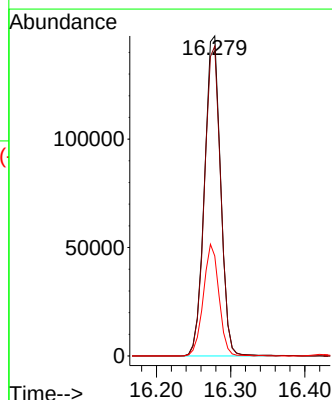
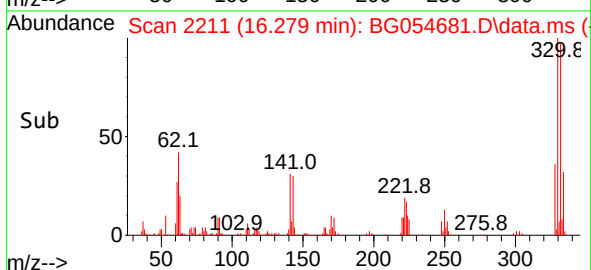
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

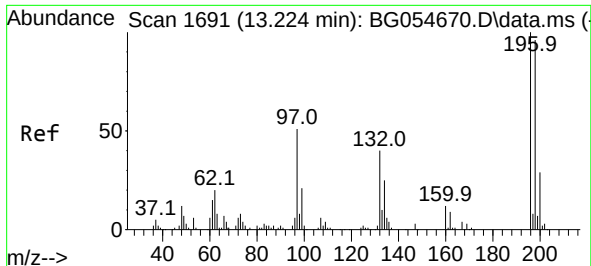


#42
2,4,6-Tribromophenol
Concen: 123.550 ng
RT: 16.279 min Scan# 2211
Delta R.T. 0.006 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



Tgt Ion:330 Resp: 222705
Ion Ratio Lower Upper
330 100
332 97.1 77.2 115.8
141 33.8 26.2 39.2





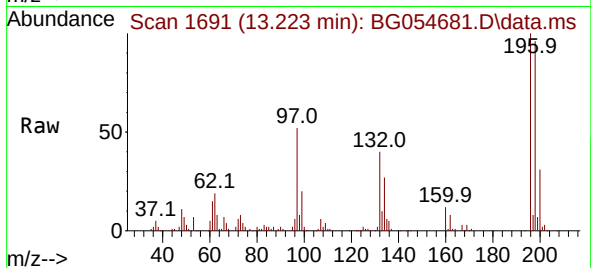
#43
2,4,6-Trichlorophenol
Concen: 45.194 ng
RT: 13.223 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Instrument :

BNA_G

ClientSampleId :

PB147107BS

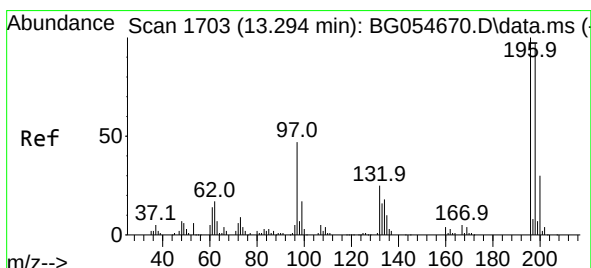
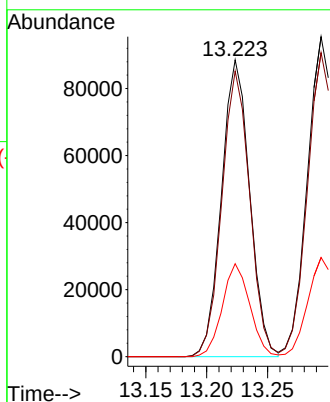
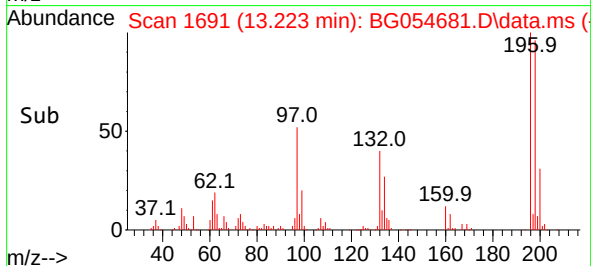


Tgt Ion:196 Resp: 142768
Ion Ratio Lower Upper
196 100
198 96.2 76.6 115.0
200 31.3 23.3 34.9

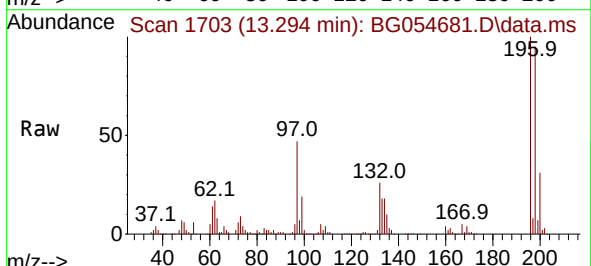
Manual Integrations

APPROVED

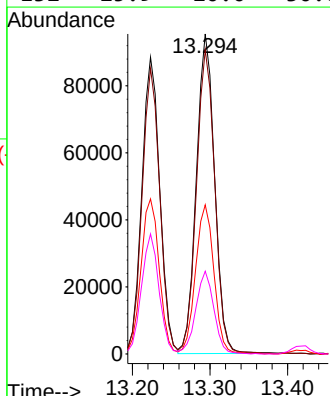
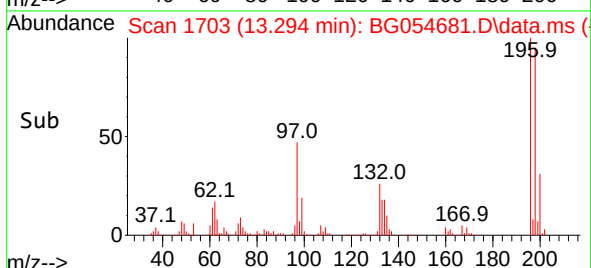
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

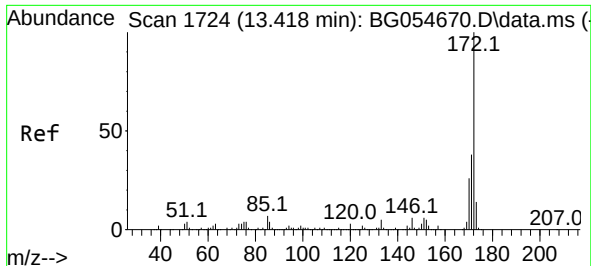


#44
2,4,5-Trichlorophenol
Concen: 44.137 ng
RT: 13.294 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



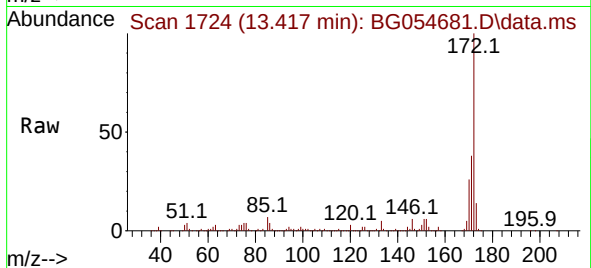
Tgt Ion:196 Resp: 156062
Ion Ratio Lower Upper
196 100
198 95.0 76.9 115.3
97 46.6 37.3 55.9
132 25.9 20.0 30.0





#45
2-Fluorobiphenyl
Concen: 79.375 ng
RT: 13.417 min Scan# 1724
Delta R.T. -0.001 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

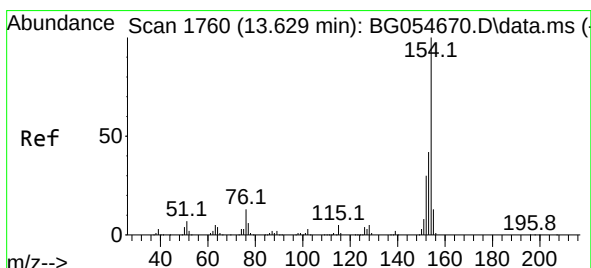
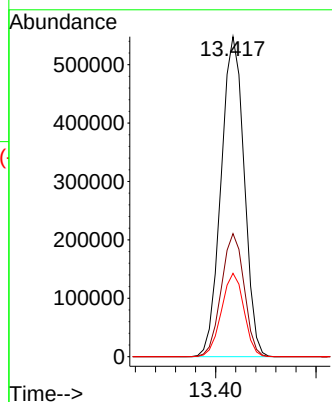
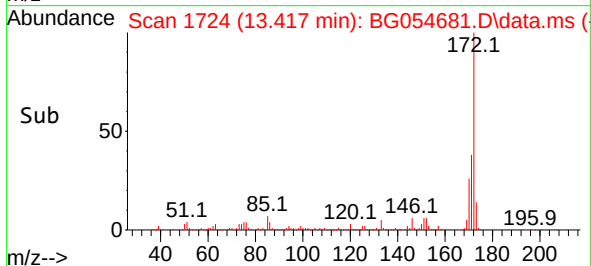
Instrument :
BNA_G
ClientSampleId :
PB147107BS



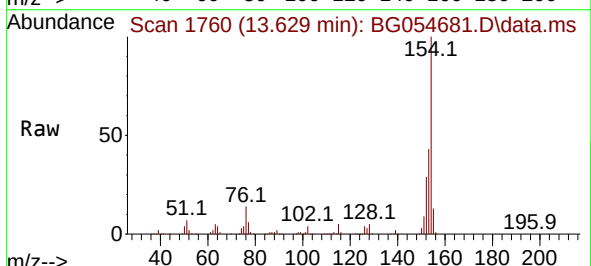
Tgt Ion:172 Resp: 874795
Ion Ratio Lower Upper
172 100
171 38.4 30.0 45.0
170 26.1 20.4 30.6

Manual Integrations
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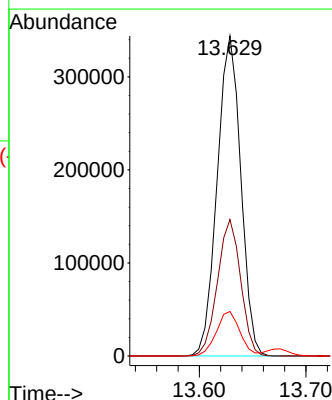
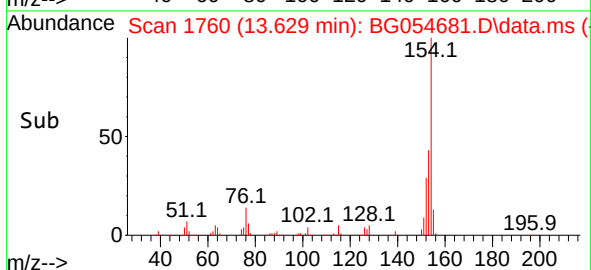
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

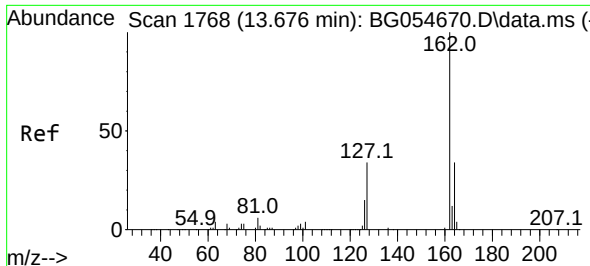


#46
1,1'-Biphenyl
Concen: 43.133 ng
RT: 13.629 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



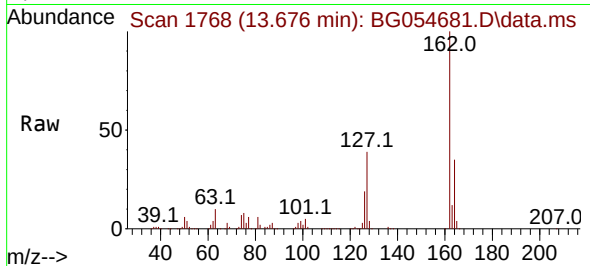
Tgt Ion:154 Resp: 528074
Ion Ratio Lower Upper
154 100
153 42.7 21.7 61.7
76 13.9 0.0 33.1





#47
2-Chloronaphthalene
Concen: 41.392 ng
RT: 13.676 min Scan# 1768
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

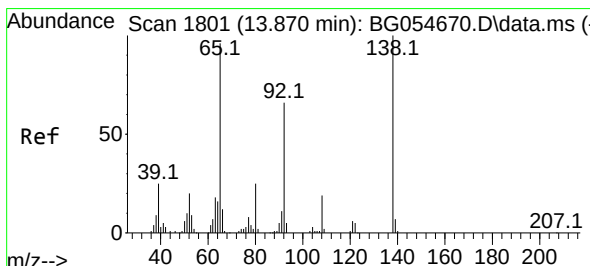
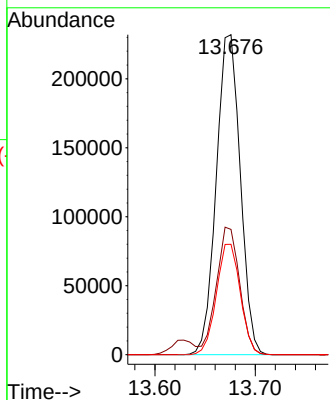
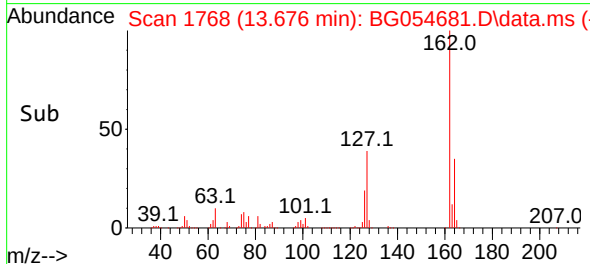
Instrument :
BNA_G
ClientSampleId :
PB147107BS



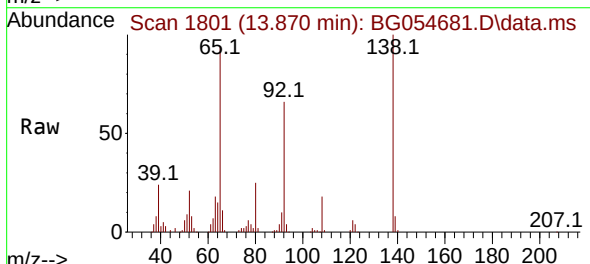
Tgt Ion:162 Resp: 385172
Ion Ratio Lower Upper
162 100
127 39.2 30.2 45.4
164 34.5 27.5 41.3

Manual Integrations
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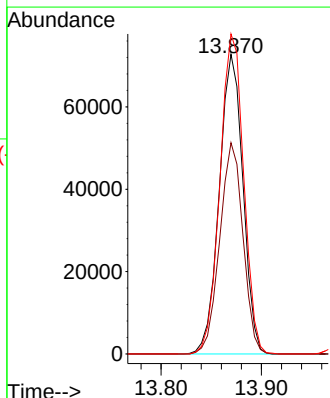
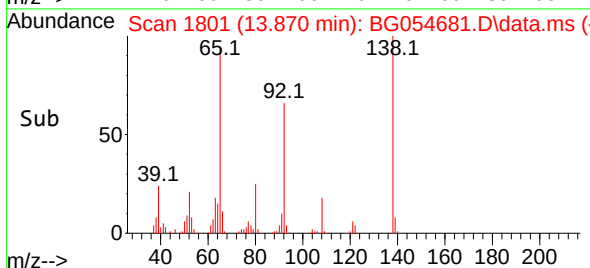
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

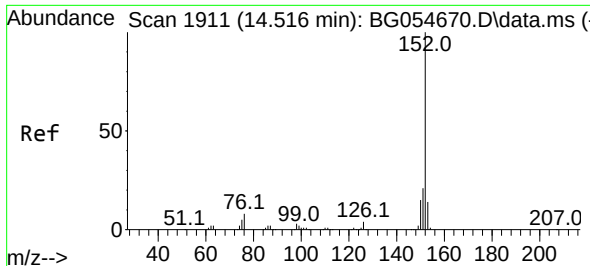


#48
2-Nitroaniline
Concen: 46.205 ng
RT: 13.870 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



Tgt Ion: 65 Resp: 119051
Ion Ratio Lower Upper
65 100
92 70.4 55.2 82.8
138 106.8 83.6 125.4





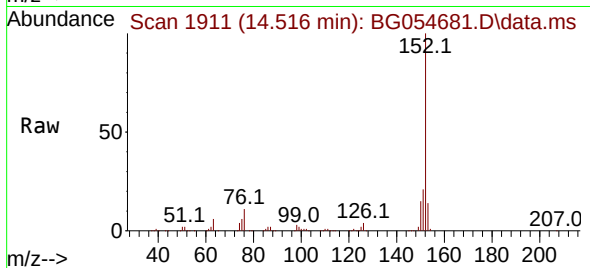
#49
Acenaphthylene
Concen: 41.929 ng
RT: 14.516 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Instrument :

BNA_G

ClientSampleId :

PB147107BS

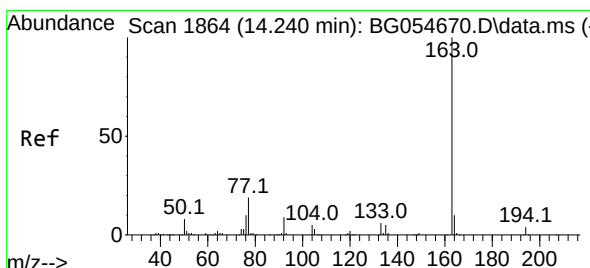
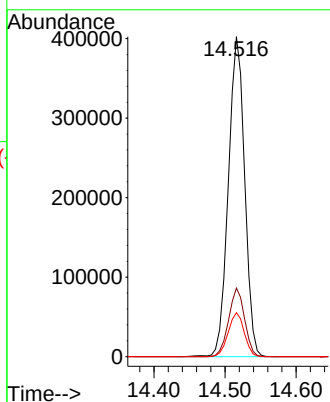
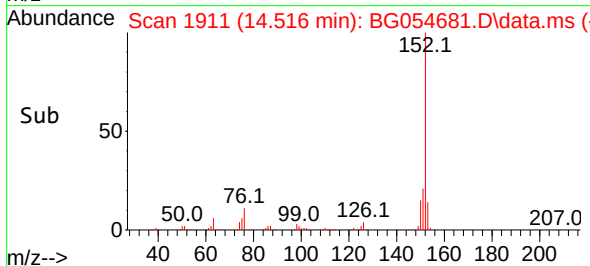


Tgt Ion:152 Resp: 641248
Ion Ratio Lower Upper
152 100
151 21.4 17.0 25.4
153 13.7 11.1 16.7

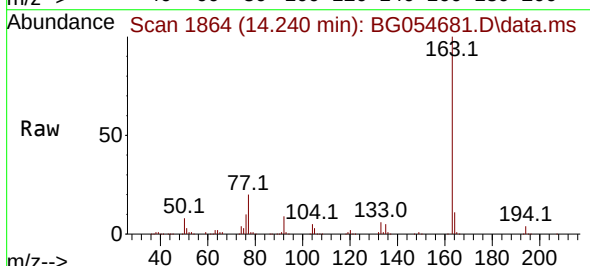
Manual Integrations

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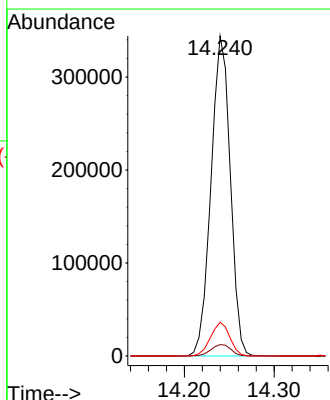
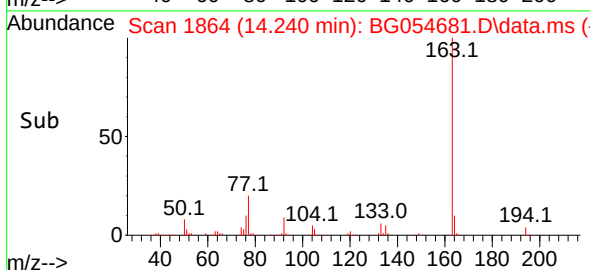
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

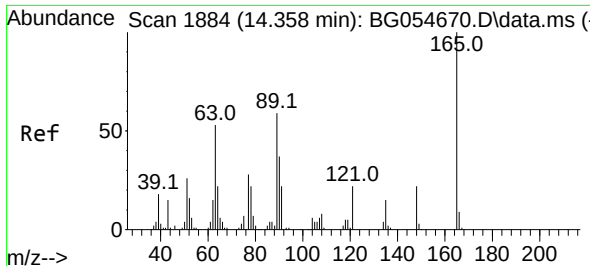


#50
Dimethylphthalate
Concen: 42.064 ng
RT: 14.240 min Scan# 1864
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



Tgt Ion:163 Resp: 512241
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 10.5 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 46.201 ng
RT: 14.357 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Instrument :

BNA_G

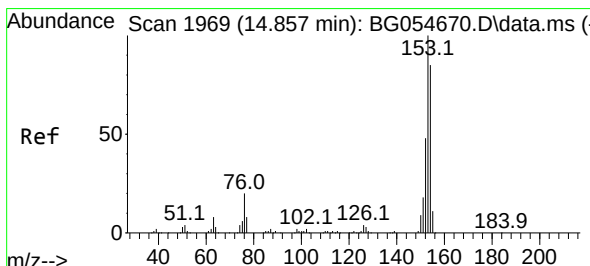
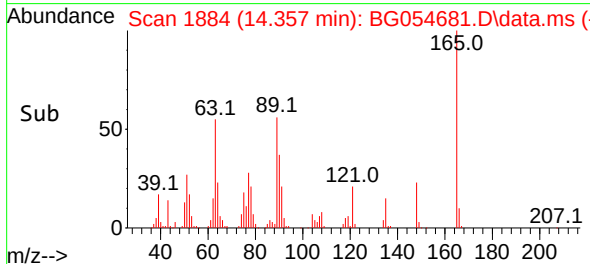
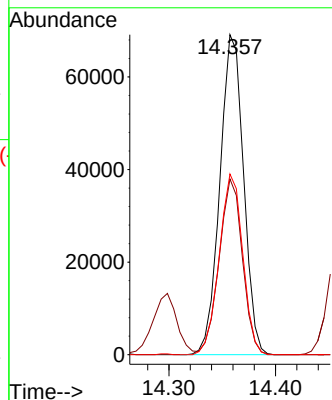
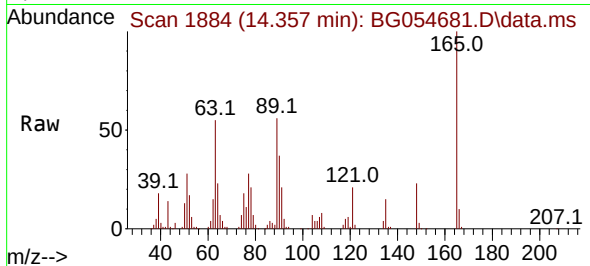
ClientSampleId :

PB147107BS

Tgt Ion:165 Resp: 10657
Ion Ratio Lower Upper
165 100
63 54.9 44.6 67.0
89 56.4 47.4 71.2

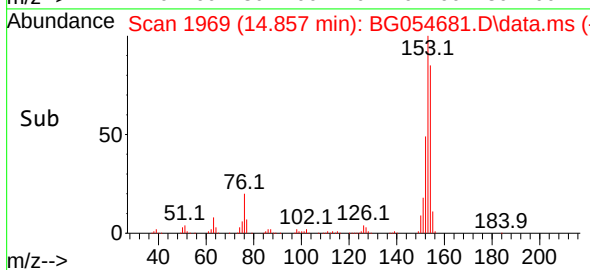
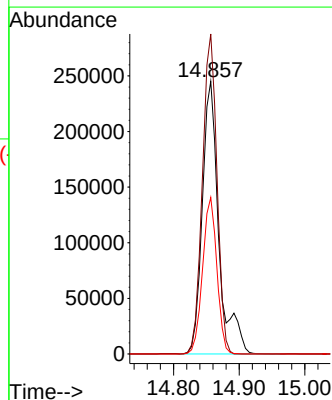
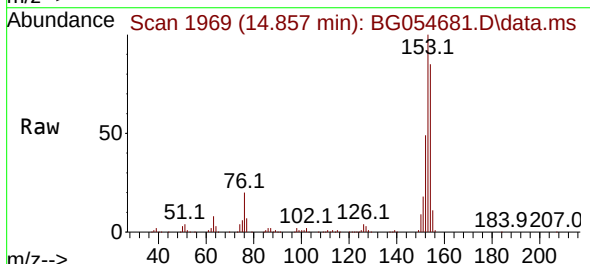
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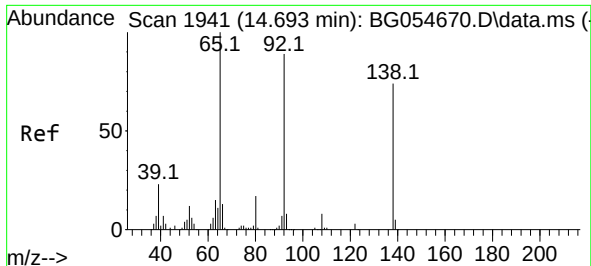
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#52
Acenaphthene
Concen: 44.660 ng
RT: 14.857 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

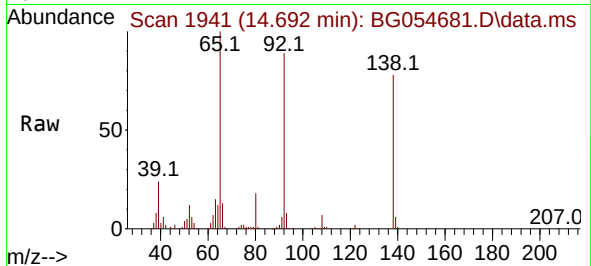
Tgt Ion:154 Resp: 430183
Ion Ratio Lower Upper
154 100
153 117.4 93.6 140.4
152 57.4 45.2 67.8





#53
3-Nitroaniline
Concen: 38.229 ng
RT: 14.692 min Scan# 1941
Delta R.T. -0.001 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

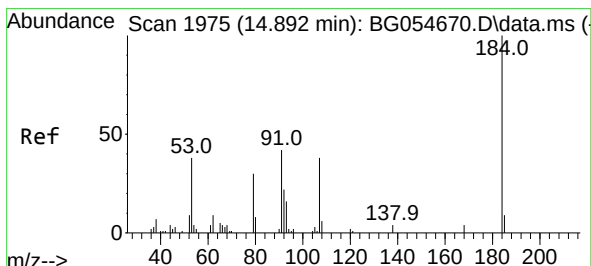
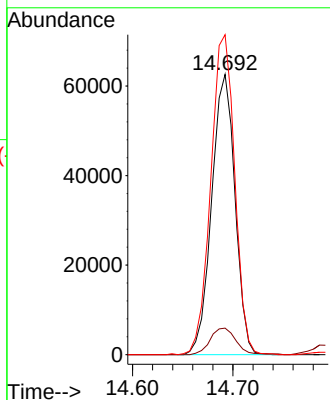
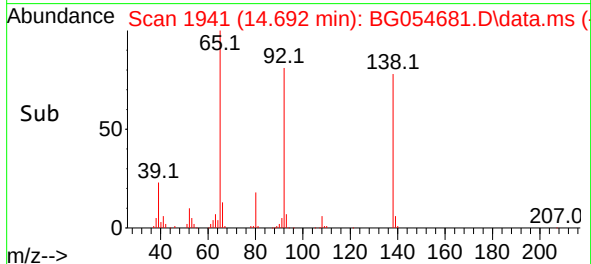
Instrument :
BNA_G
ClientSampleId :
PB147107BS



Tgt Ion:138 Resp: 101034
Ion Ratio Lower Upper
138 100
108 9.5 8.5 12.7
92 114.2 95.8 143.6

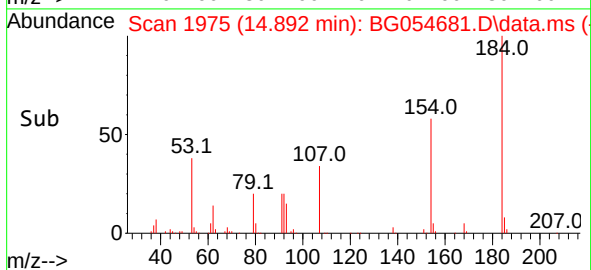
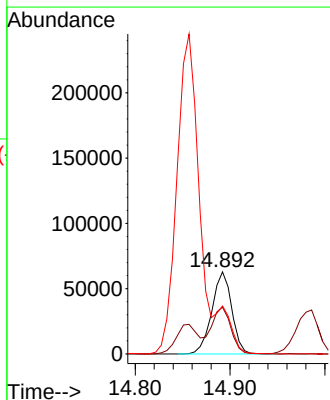
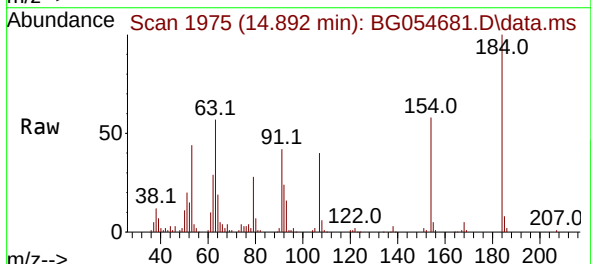
Manual Integrations
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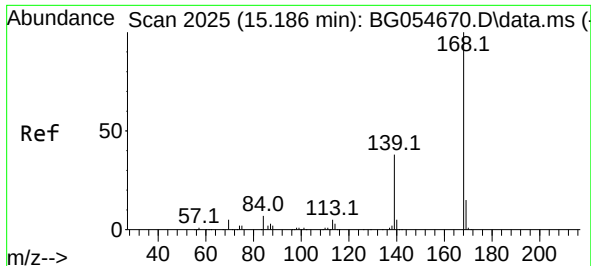
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#54
2,4-Dinitrophenol
Concen: 78.822 ng
RT: 14.892 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Tgt Ion:184 Resp: 91613
Ion Ratio Lower Upper
184 100
63 56.8 41.2 61.8
154 58.4 45.3 67.9





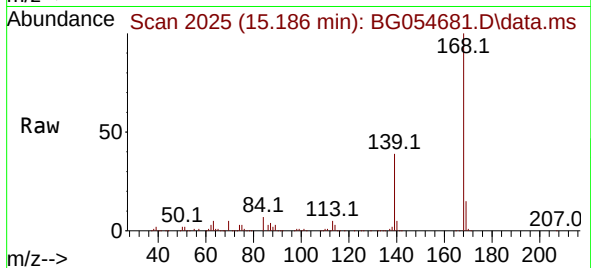
#55
Dibenzofuran
Concen: 41.083 ng
RT: 15.186 min Scan# 20
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Instrument :

BNA_G

ClientSampleId :

PB147107BS

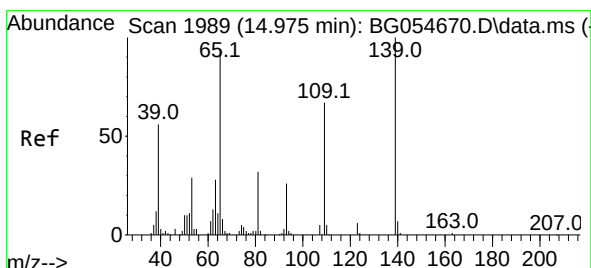
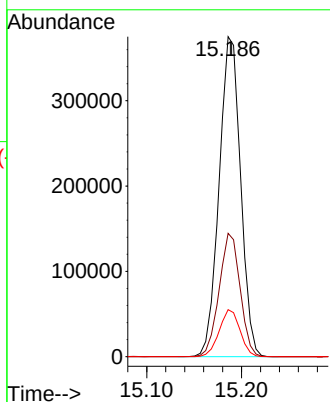
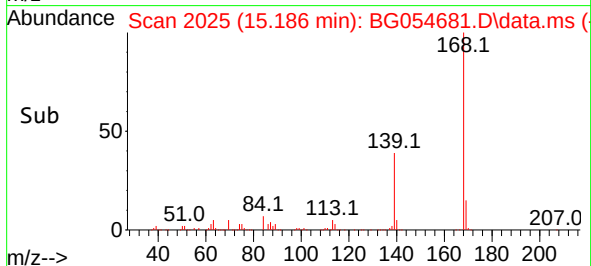


Tgt Ion:168 Resp: 59039
Ion Ratio Lower Upper
168 100
139 38.5 30.4 45.6
169 14.7 11.8 17.6

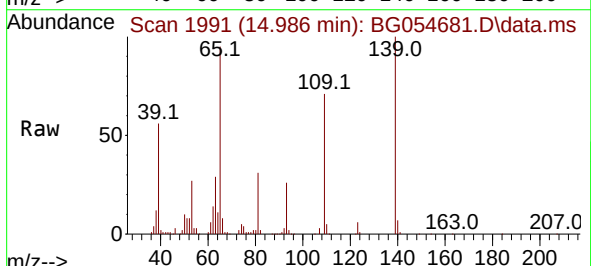
Manual Integrations

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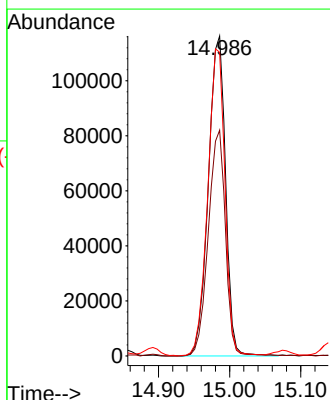
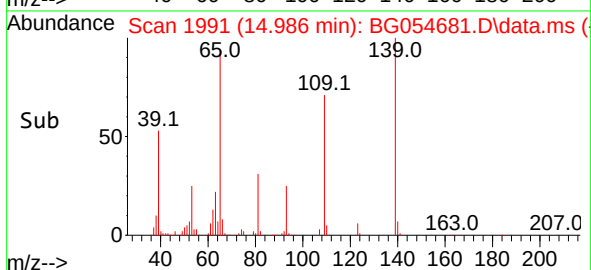
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

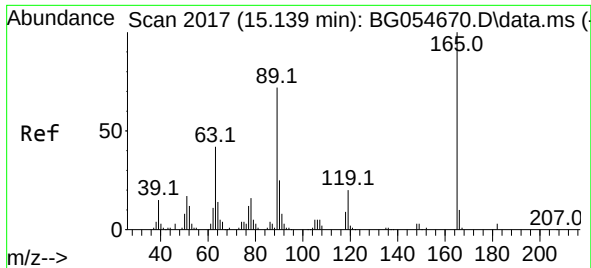


#56
4-Nitrophenol
Concen: 96.256 ng
RT: 14.986 min Scan# 1991
Delta R.T. 0.011 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



Tgt Ion:139 Resp: 195570
Ion Ratio Lower Upper
139 100
109 70.5 47.1 87.1
65 94.9 74.9 114.9





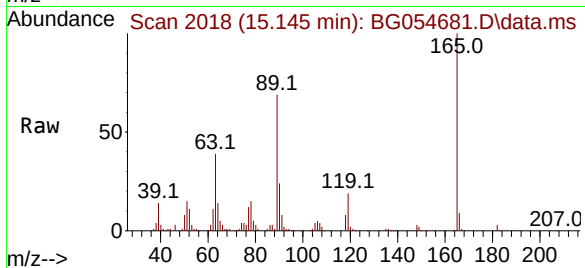
#57
2,4-Dinitrotoluene
Concen: 47.048 ng
RT: 15.145 min Scan# 2017
Delta R.T. 0.005 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Instrument :

BNA_G

ClientSampleId :

PB147107BS

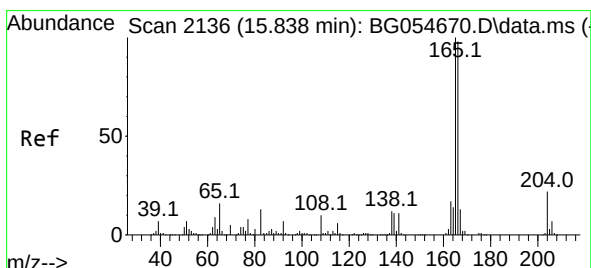
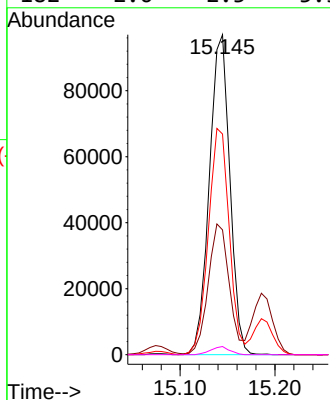
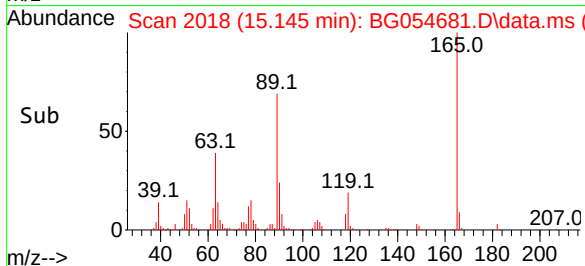


Tgt Ion:165 Resp: 145654
Ion Ratio Lower Upper
165 100
63 39.0 33.7 50.5
89 69.0 57.8 86.6
182 2.6 2.3 3.5

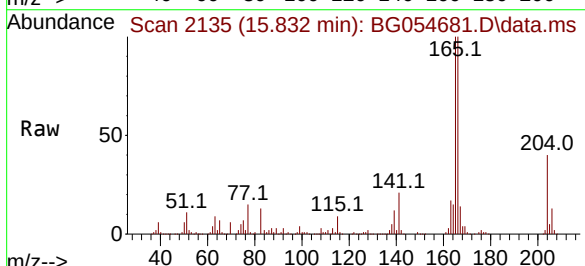
Manual Integrations

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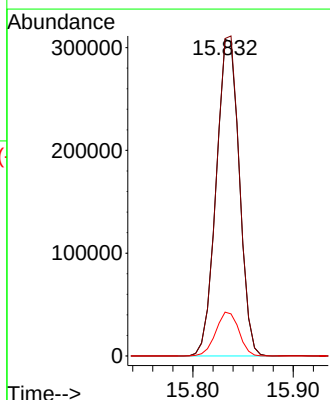
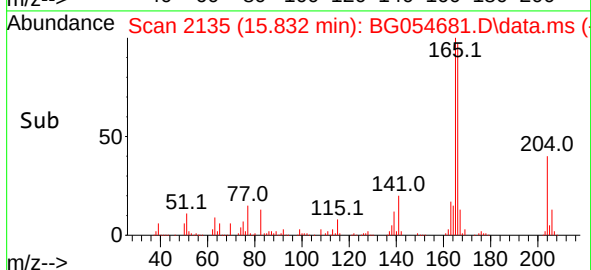
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

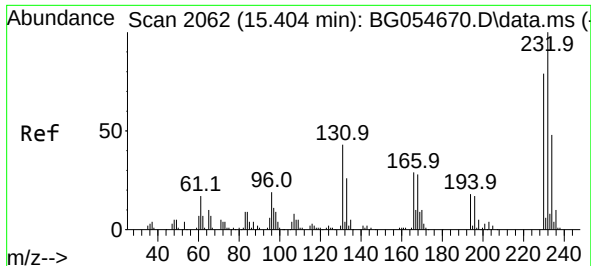


#58
Fluorene
Concen: 41.013 ng
RT: 15.832 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



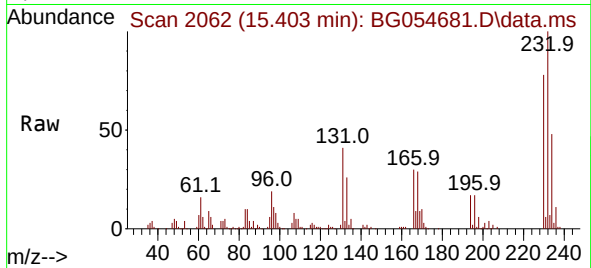
Tgt Ion:166 Resp: 492800
Ion Ratio Lower Upper
166 100
165 100.2 81.6 122.4
167 13.9 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.991 ng
RT: 15.403 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

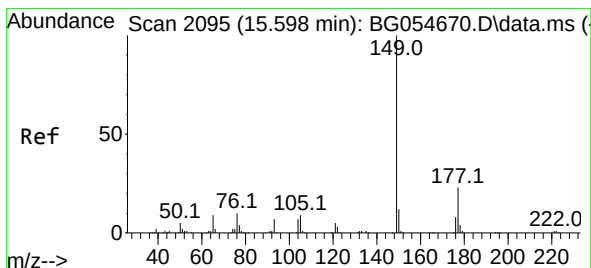
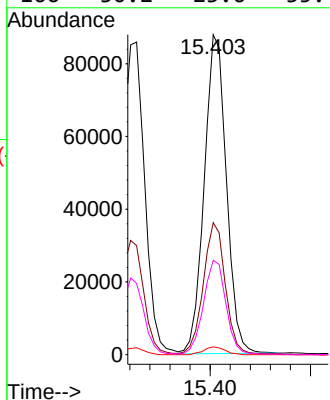
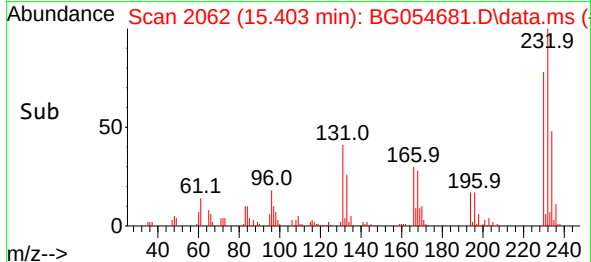
Instrument :
BNA_G
ClientSampleId :
PB147107BS



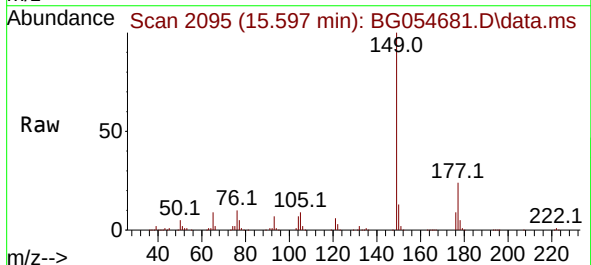
Tgt Ion:232 Resp: 134420
Ion Ratio Lower Upper
232 100
131 41.6 33.6 50.4
130 2.3 1.7 2.5
166 30.2 23.6 35.4

Manual Integrations
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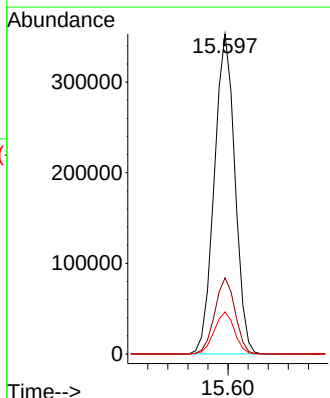
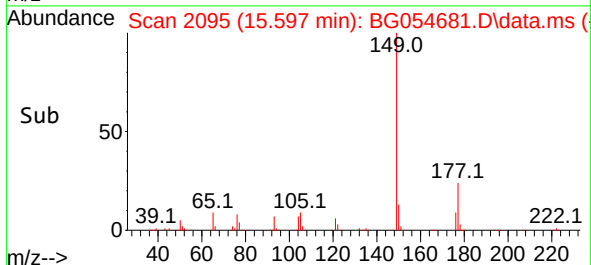
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

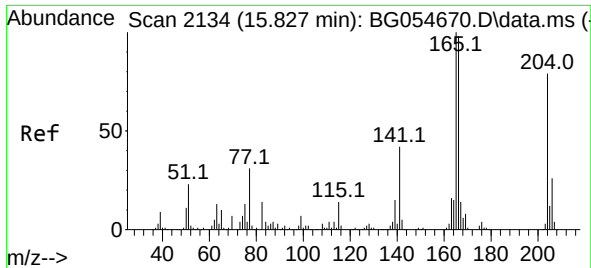


#60
Diethylphthalate
Concen: 41.884 ng
RT: 15.597 min Scan# 2095
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



Tgt Ion:149 Resp: 503031
Ion Ratio Lower Upper
149 100
177 23.8 18.3 27.5
150 13.1 9.9 14.9





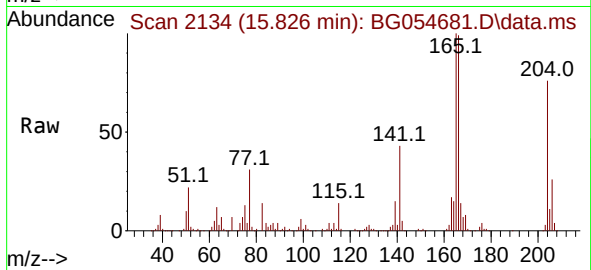
#61
4-Chlorophenyl-phenylether
Concen: 42.255 ng
RT: 15.826 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Instrument :

BNA_G

ClientSampleId :

PB147107BS

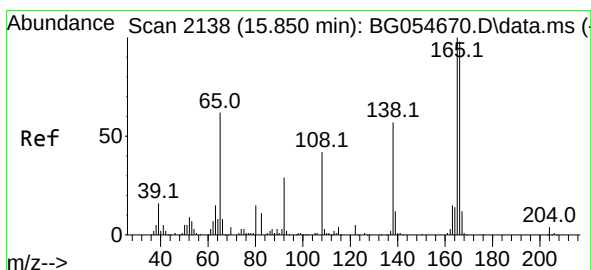
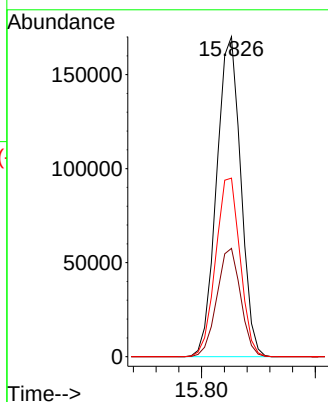
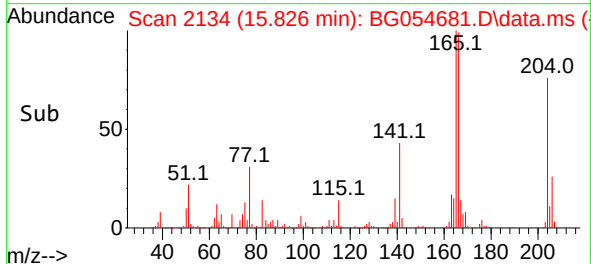


Tgt Ion:204 Resp: 251149
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 55.8 42.7 64.1

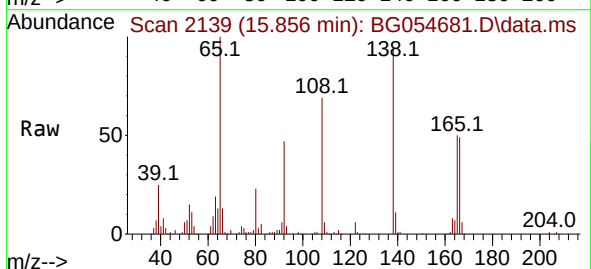
Manual Integrations

APPROVED

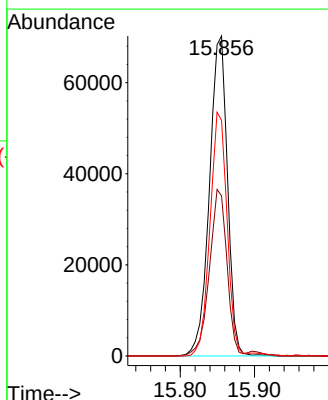
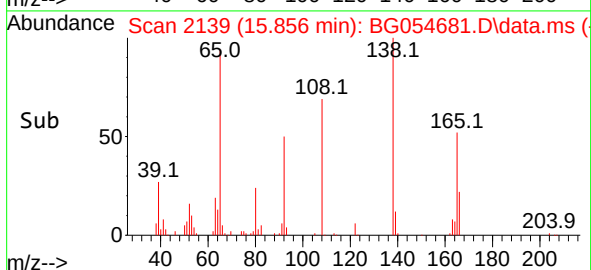
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

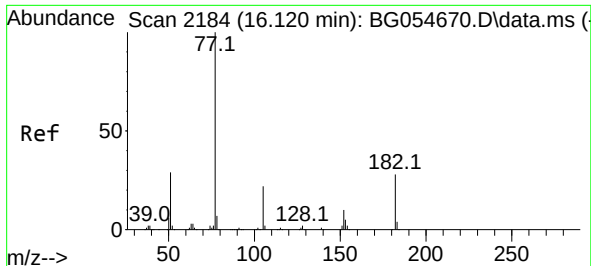


#62
4-Nitroaniline
Concen: 43.062 ng
RT: 15.856 min Scan# 2139
Delta R.T. 0.005 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



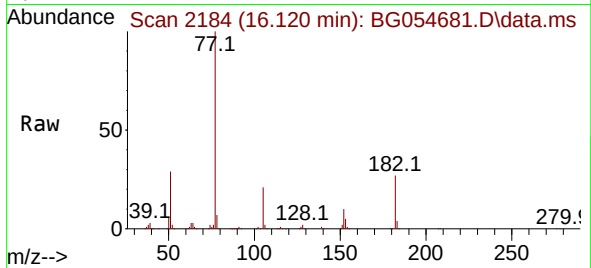
Tgt Ion:138 Resp: 118608
Ion Ratio Lower Upper
138 100
92 50.1 30.8 70.8
108 73.6 54.9 94.9





#63
Azobenzene
Concen: 41.658 ng
RT: 16.120 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Instrument :
BNA_G
ClientSampleId :
PB147107BS

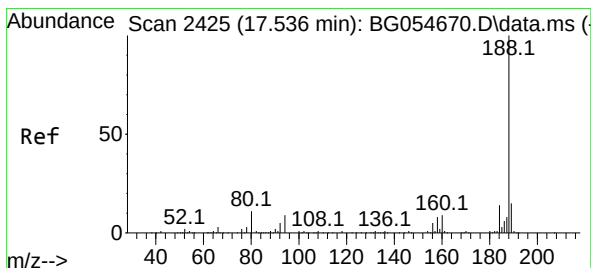
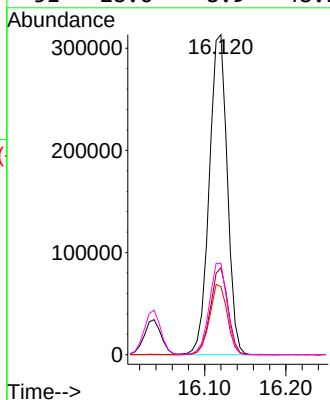
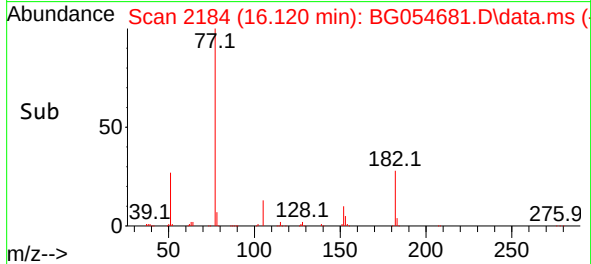


Tgt Ion: 77 Resp: 481730

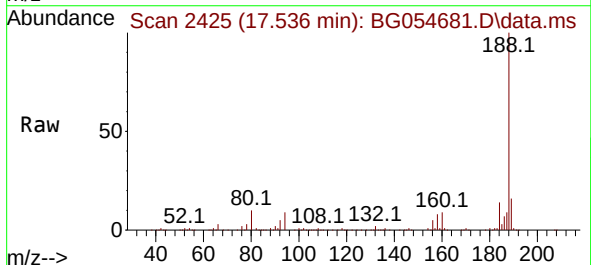
Ion	Ratio	Lower	Upper
77	100		
182	27.2	7.6	47.6
105	21.3	1.9	41.9
51	28.6	8.9	48.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

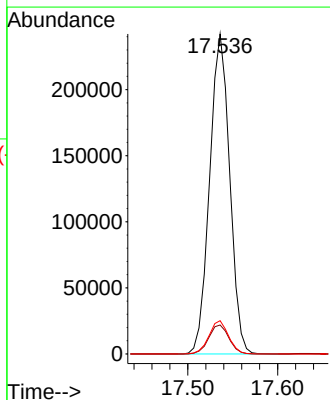
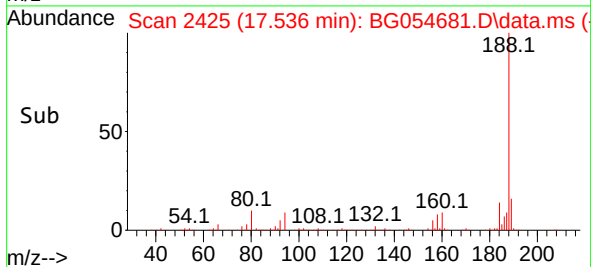


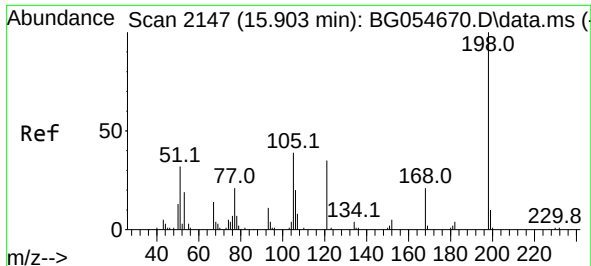
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.536 min Scan# 2425
Delta R.T. -0.001 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



Tgt Ion:188 Resp: 375461

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.4	11.0
80	10.4	8.4	12.6





#65
4,6-Dinitro-2-methylphenol
Concen: 43.565 ng
RT: 15.903 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Instrument :

BNA_G

ClientSampleId :

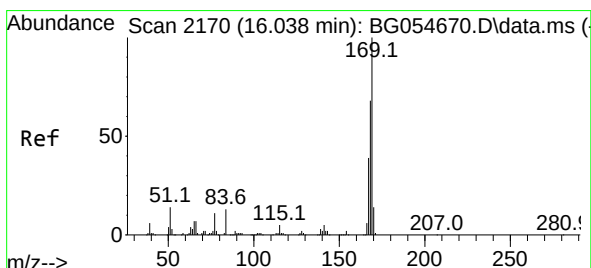
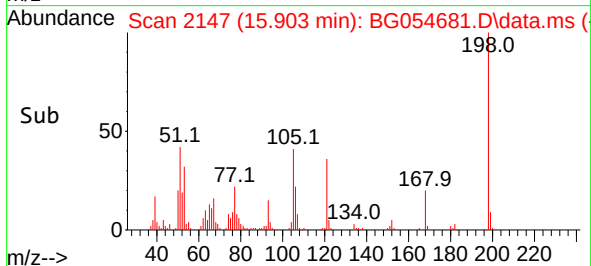
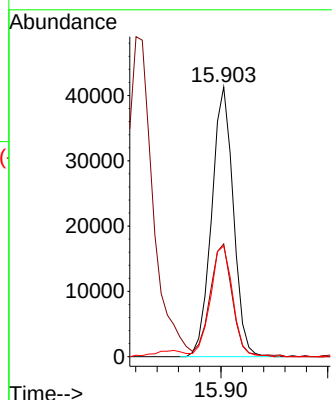
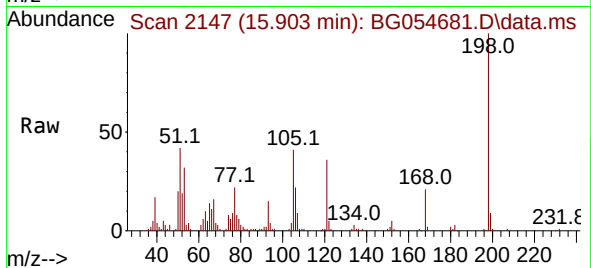
PB147107BS

Tgt Ion:198 Resp: 5814
Ion Ratio Lower Upper
198 100
51 41.8 20.1 60.1
105 41.0 20.5 60.5

Manual Integrations

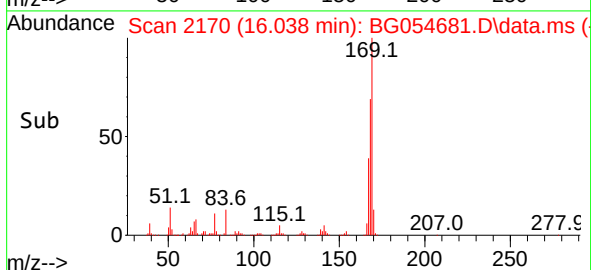
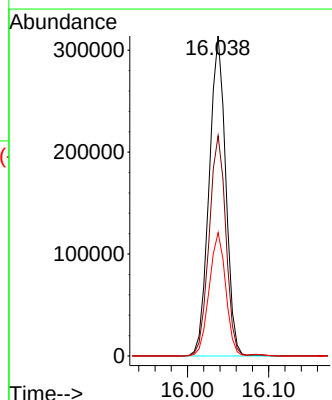
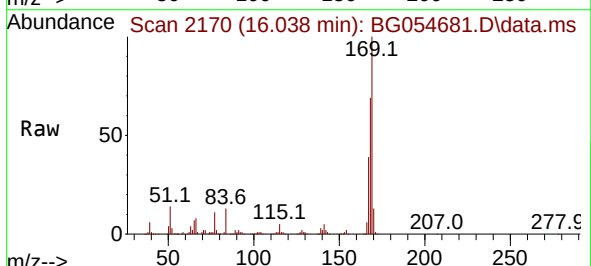
APPROVED

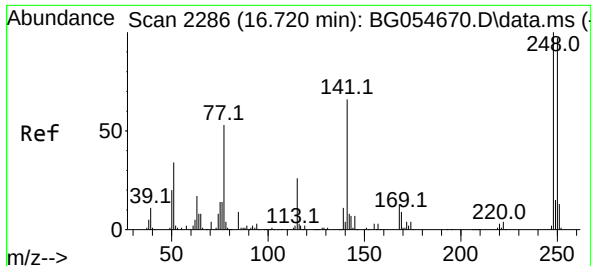
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#66
n-Nitrosodiphenylamine
Concen: 43.222 ng
RT: 16.038 min Scan# 2170
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

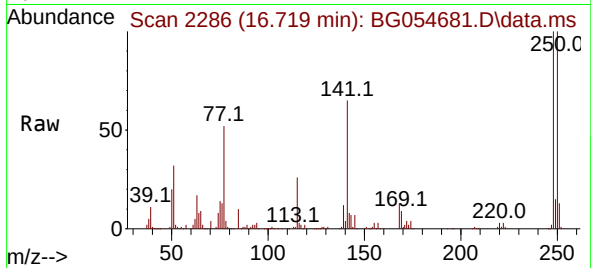
Tgt Ion:169 Resp: 443686
Ion Ratio Lower Upper
169 100
168 68.8 54.6 82.0
167 38.5 31.0 46.4





#67
4-Bromophenyl-phenylether
Concen: 39.553 ng
RT: 16.719 min Scan# 210
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

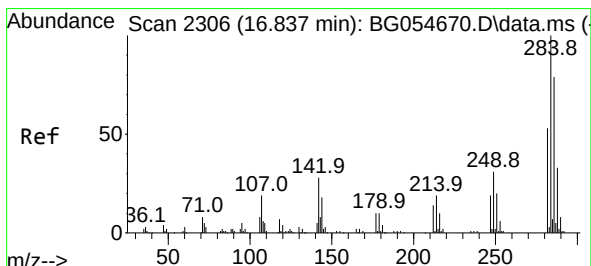
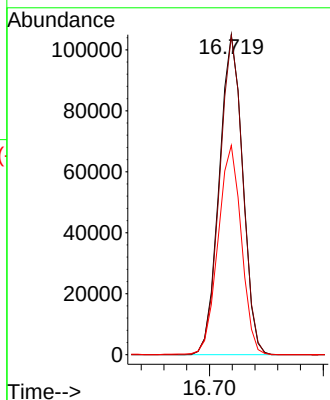
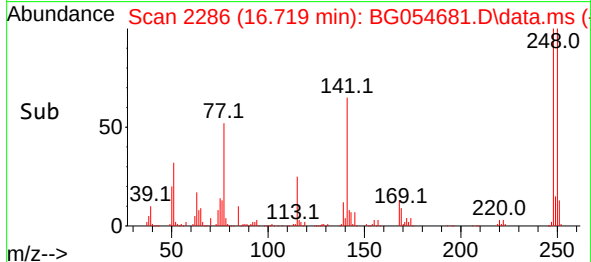
Instrument :
BNA_G
ClientSampleId :
PB147107BS



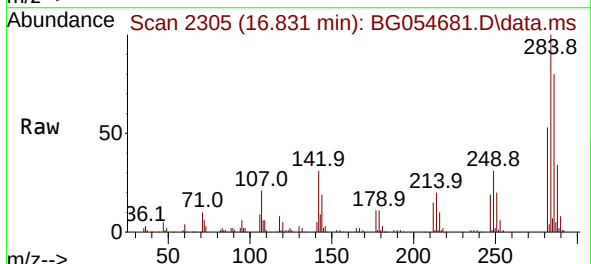
Tgt Ion:248 Resp: 15047
Ion Ratio Lower Upper
248 100
250 99.7 77.6 116.4
141 65.4 53.0 79.6

Manual Integrations
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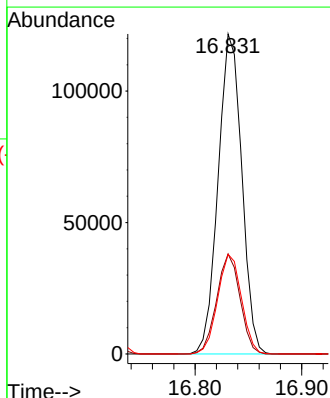
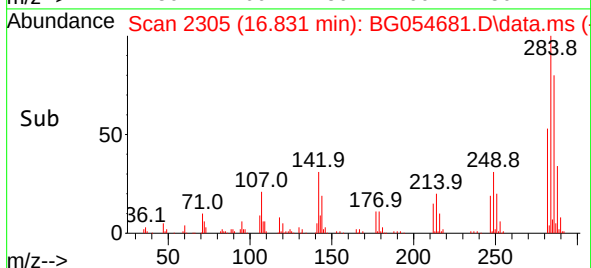
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

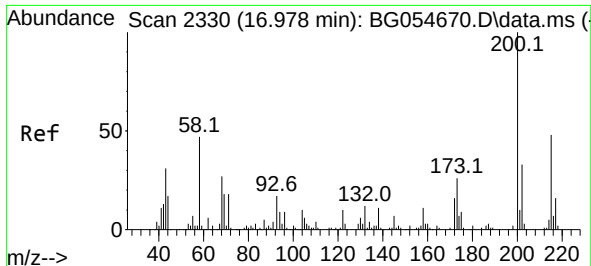


#68
Hexachlorobenzene
Concen: 42.281 ng
RT: 16.831 min Scan# 2305
Delta R.T. -0.006 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



Tgt Ion:284 Resp: 187187
Ion Ratio Lower Upper
284 100
142 31.3 22.3 33.5
249 31.2 24.9 37.3





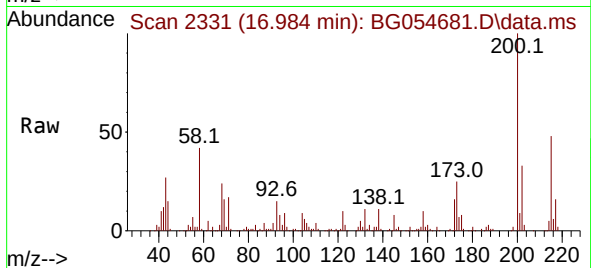
#69
 Atrazine
 Concen: 51.536 ng
 RT: 16.984 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG054681.D
 Acq: 20 Aug 2022 4:13

Instrument :

BNA_G

ClientSampleId :

PB147107BS

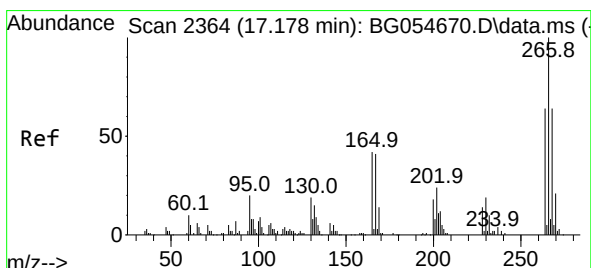
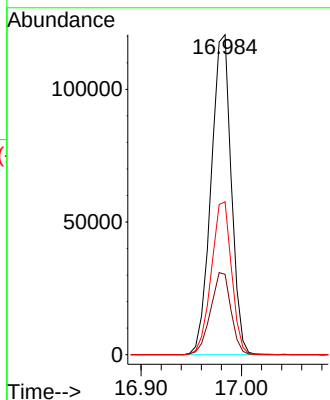
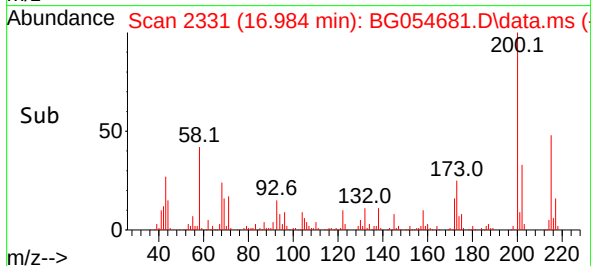


Tgt Ion:200 Resp: 167998
 Ion Ratio Lower Upper
 200 100
 173 25.1 5.6 45.6
 215 47.7 28.5 68.5

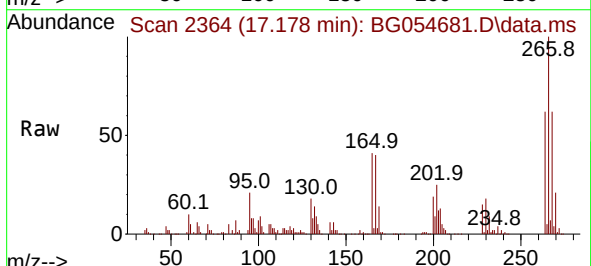
Manual Integrations

APPROVED

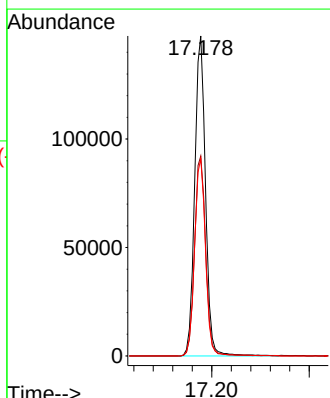
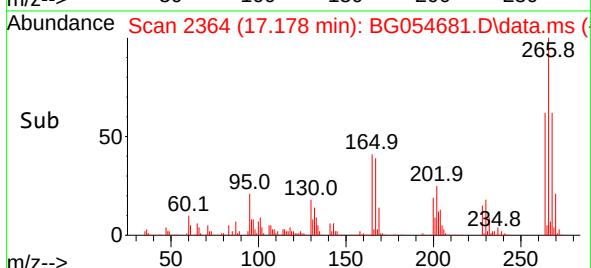
Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022

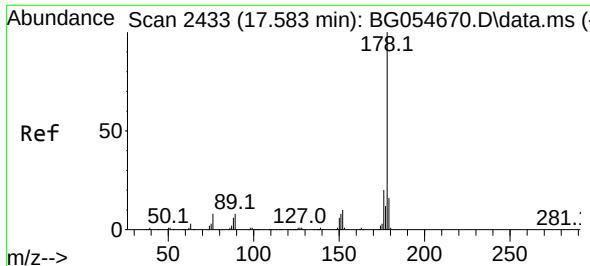


#70
 Pentachlorophenol
 Concen: 94.490 ng
 RT: 17.178 min Scan# 2364
 Delta R.T. -0.000 min
 Lab File: BG054681.D
 Acq: 20 Aug 2022 4:13



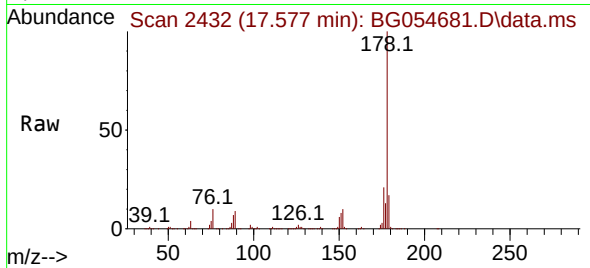
Tgt Ion:266 Resp: 228078
 Ion Ratio Lower Upper
 266 100
 268 62.4 50.9 76.3
 264 61.7 51.4 77.0





#71
Phenanthrene
Concen: 41.061 ng
RT: 17.577 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

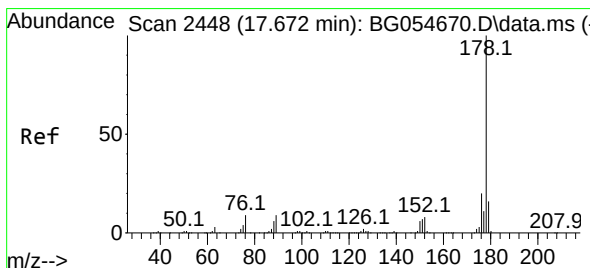
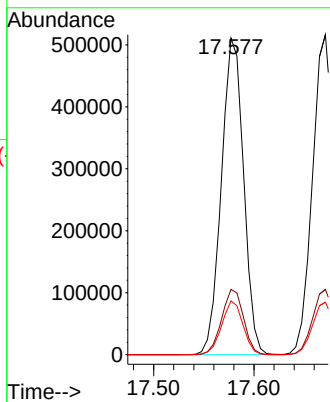
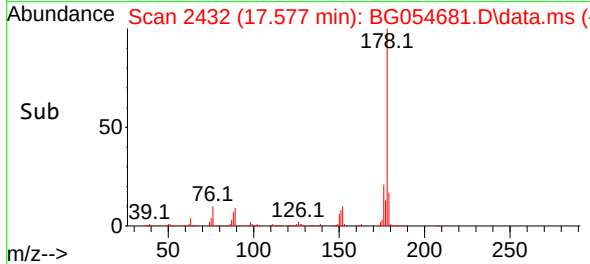
Instrument :
BNA_G
ClientSampleId :
PB147107BS



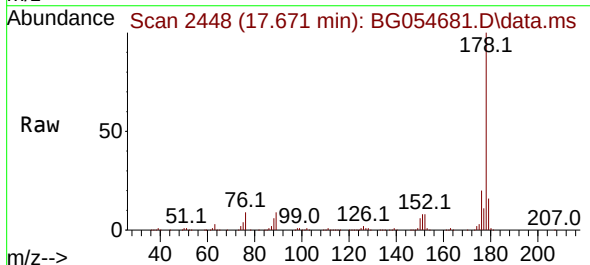
Tgt Ion:178 Resp: 783944
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.2
179 17.0 12.6 19.0

Manual Integrations
APPROVED

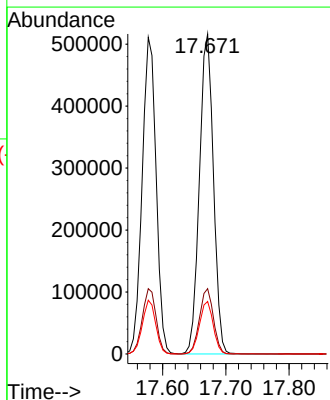
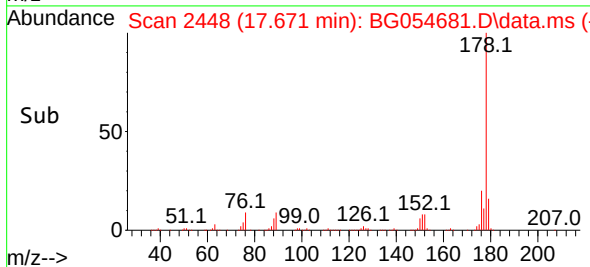
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

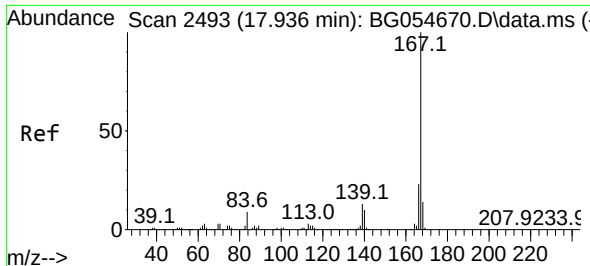


#72
Anthracene
Concen: 42.683 ng
RT: 17.671 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



Tgt Ion:178 Resp: 794075
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.8
179 16.4 13.0 19.4





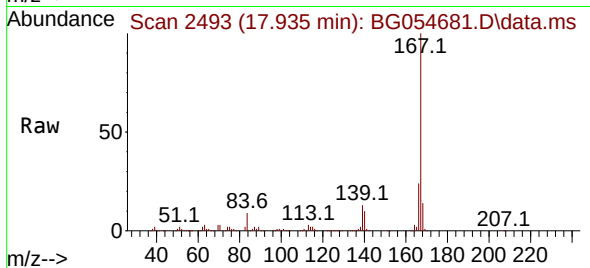
#73
 Carbazole
 Concen: 44.084 ng
 RT: 17.935 min Scan# 2493
 Delta R.T. -0.000 min
 Lab File: BG054681.D
 Acq: 20 Aug 2022 4:13

Instrument :

BNA_G

ClientSampleId :

PB147107BS

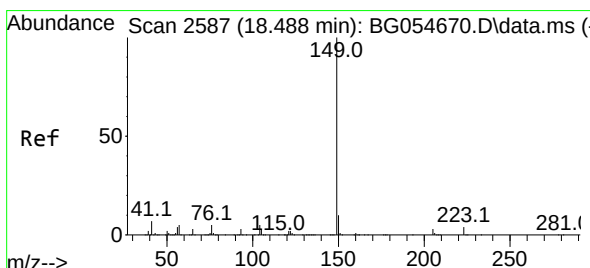
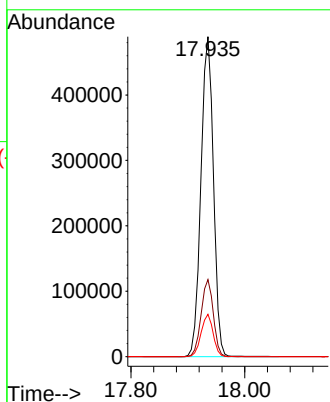
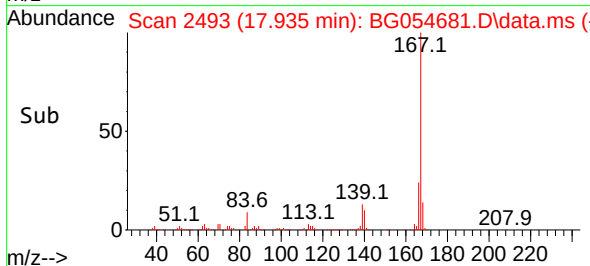


Tgt Ion:167 Resp: 745785
 Ion Ratio Lower Upper
 167 100
 166 24.1 18.6 27.8
 139 13.3 10.6 15.8

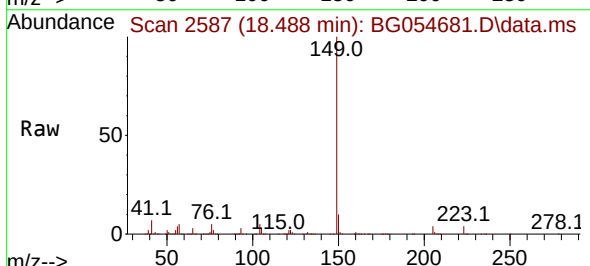
Manual Integrations

APPROVED

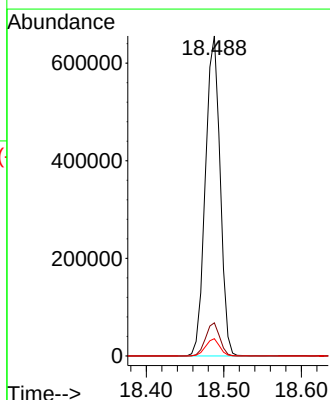
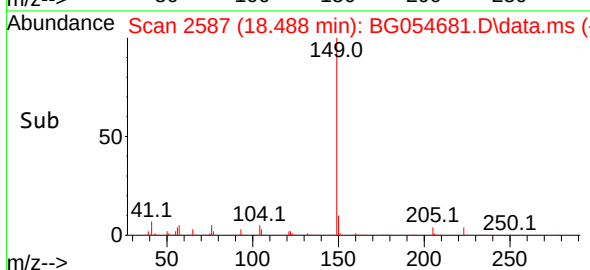
Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022

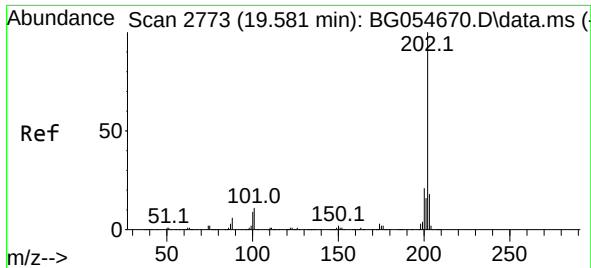


#74
 Di-n-butylphthalate
 Concen: 43.457 ng
 RT: 18.488 min Scan# 2587
 Delta R.T. -0.000 min
 Lab File: BG054681.D
 Acq: 20 Aug 2022 4:13



Tgt Ion:149 Resp: 868016
 Ion Ratio Lower Upper
 149 100
 150 10.4 7.9 11.9
 104 5.4 4.1 6.1





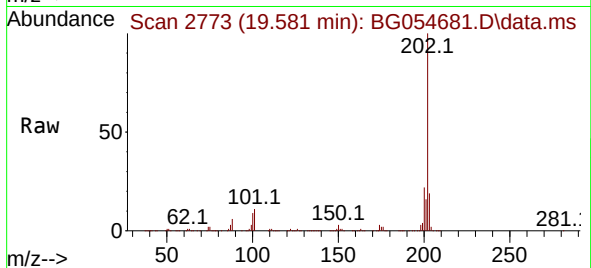
#75
Fluoranthene
Concen: 41.729 ng
RT: 19.581 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Instrument :

BNA_G

ClientSampleId :

PB147107BS

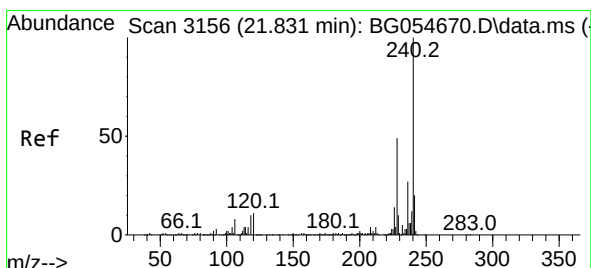
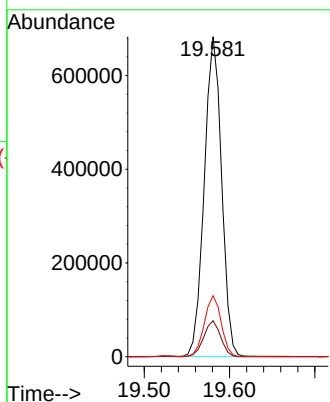
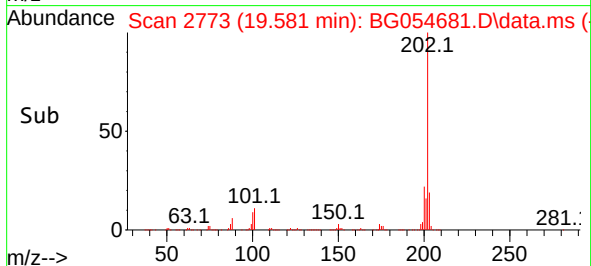


Tgt Ion:202 Resp: 961939
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.6
203 19.1 0.0 38.2

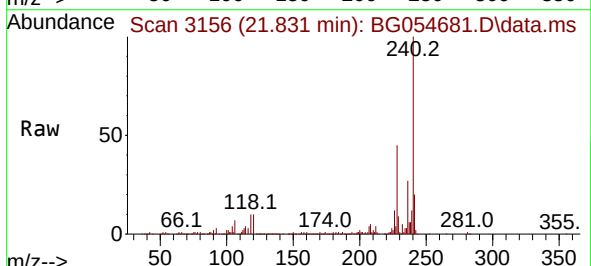
Manual Integrations

APPROVED

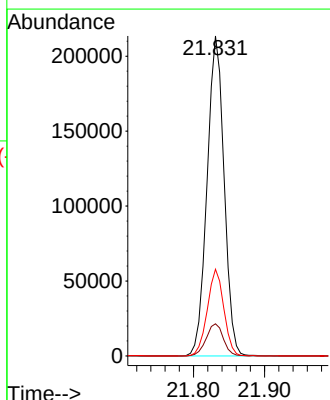
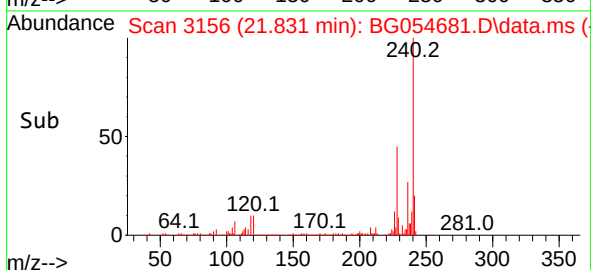
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

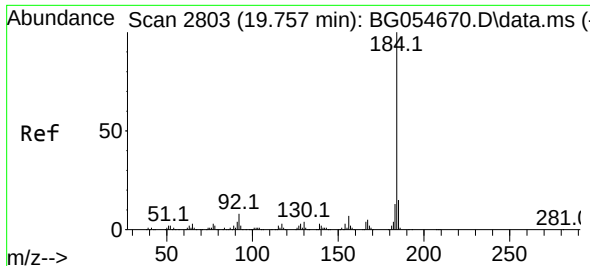


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.831 min Scan# 3156
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



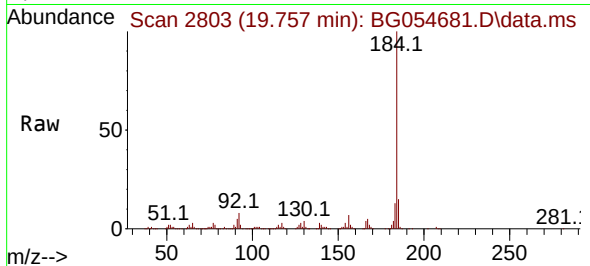
Tgt Ion:240 Resp: 355589
Ion Ratio Lower Upper
240 100
120 10.1 8.6 13.0
236 27.1 21.3 31.9





#77
Benzidine
Concen: 96.128 ng
RT: 19.757 min Scan# 2803
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

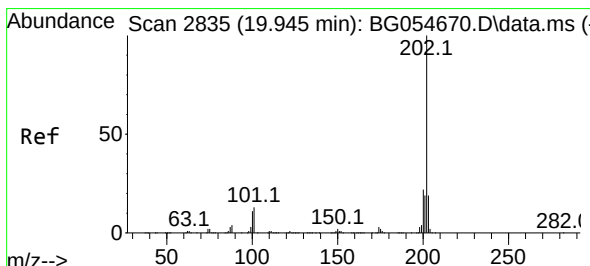
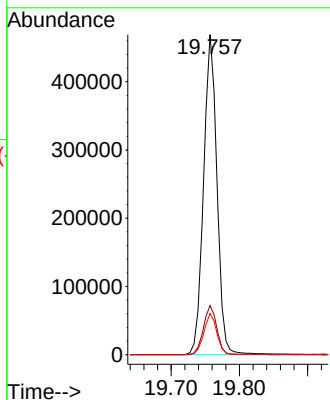
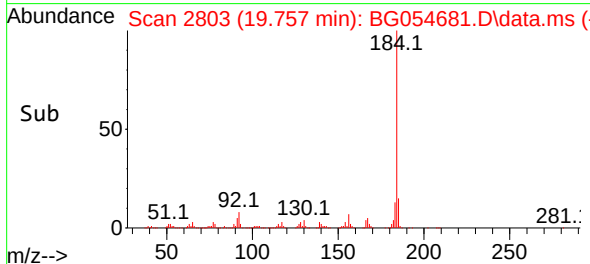
Instrument :
BNA_G
ClientSampleId :
PB147107BS



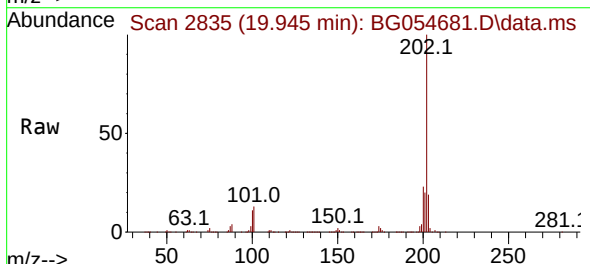
Tgt Ion:184 Resp: 640870
Ion Ratio Lower Upper
184 100
185 15.3 12.2 18.2
183 12.9 10.1 15.1

Manual Integrations
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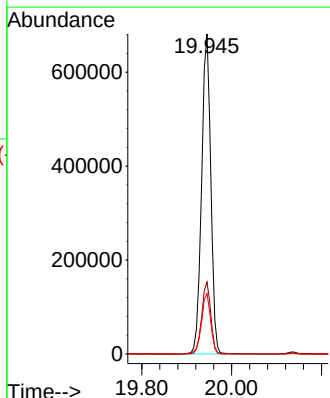
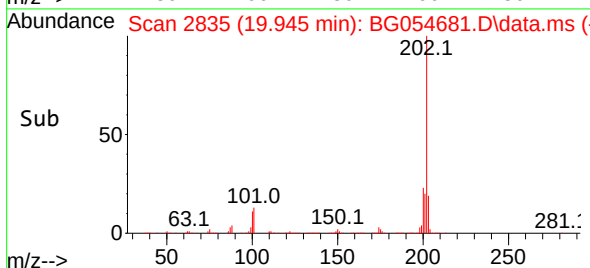
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

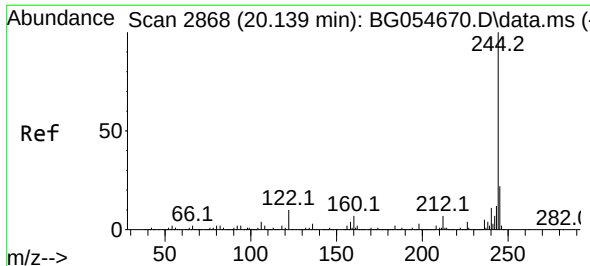


#78
Pyrene
Concen: 41.375 ng
RT: 19.945 min Scan# 2835
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



Tgt Ion:202 Resp: 966292
Ion Ratio Lower Upper
202 100
200 22.5 17.8 26.6
203 18.9 15.1 22.7





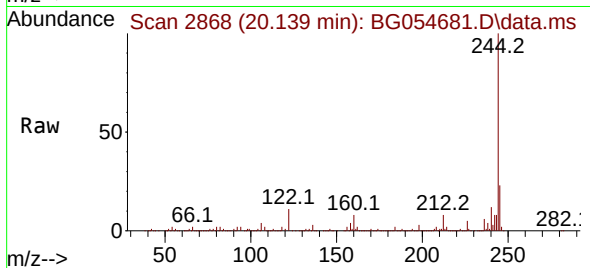
#79
 Terphenyl-d14
 Concen: 83.007 ng
 RT: 20.139 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG054681.D
 Acq: 20 Aug 2022 4:13

Instrument :

BNA_G

ClientSampleId :

PB147107BS

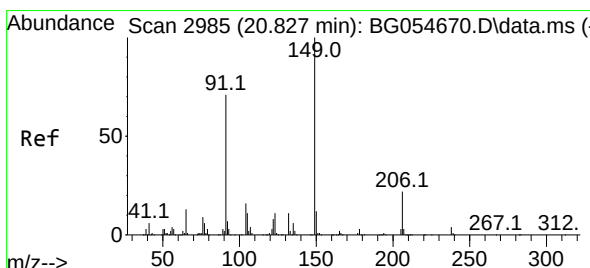
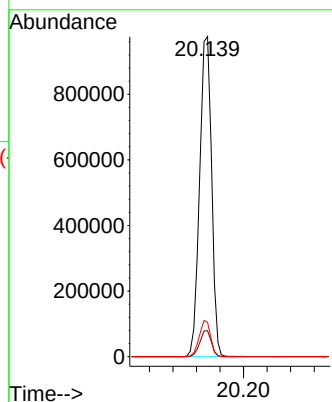
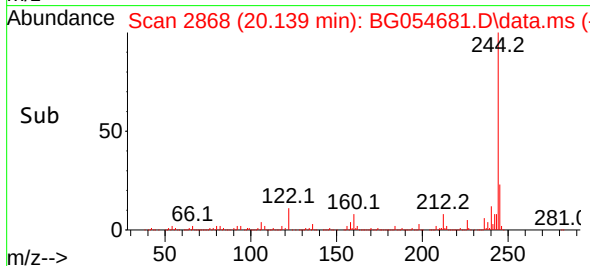


Tgt Ion:244 Resp: 138098
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 10.7 8.2 12.2

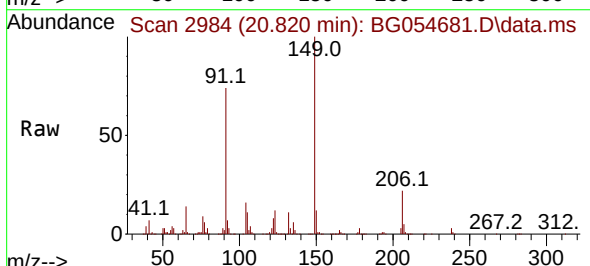
Manual Integrations

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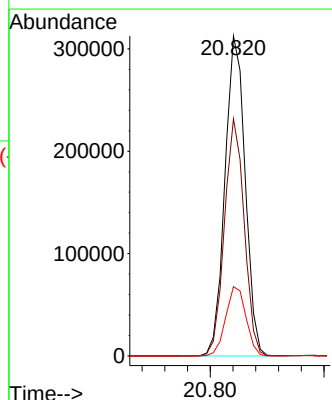
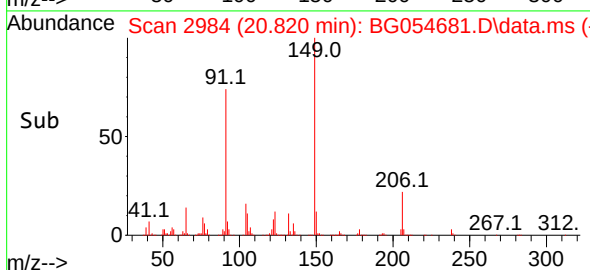
Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022

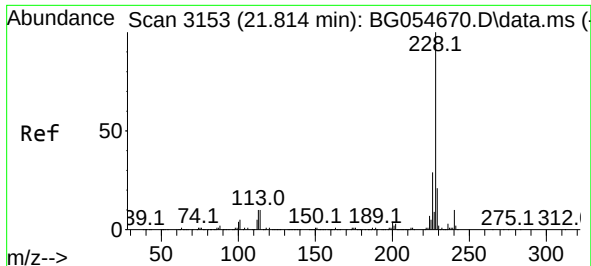


#80
 Butylbenzylphthalate
 Concen: 46.103 ng
 RT: 20.820 min Scan# 2984
 Delta R.T. -0.007 min
 Lab File: BG054681.D
 Acq: 20 Aug 2022 4:13



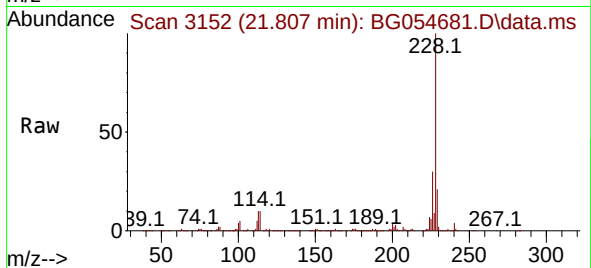
Tgt Ion:149 Resp: 386567
 Ion Ratio Lower Upper
 149 100
 91 74.1 56.9 85.3
 206 21.7 17.9 26.9





#81
Benzo(a)anthracene
Concen: 41.442 ng
RT: 21.807 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

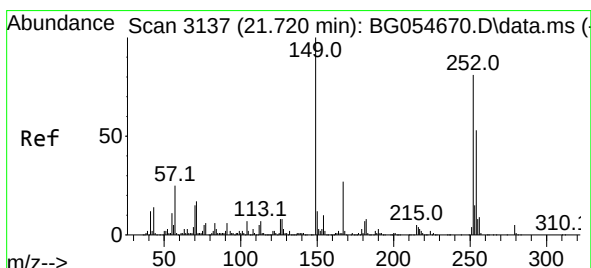
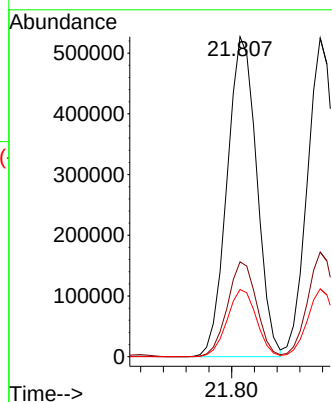
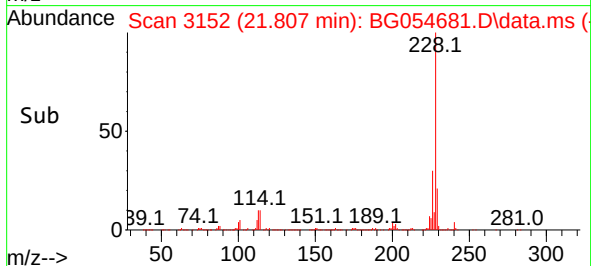
Instrument :
BNA_G
ClientSampleId :
PB147107BS



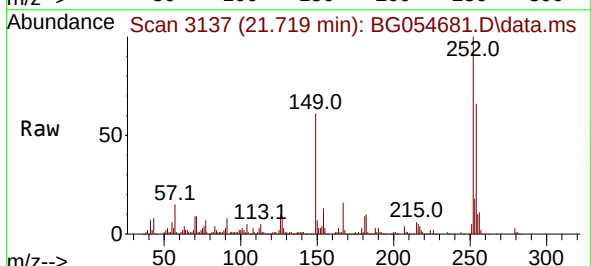
Tgt Ion:228 Resp: 95316
Ion Ratio Lower Upper
228 100
226 29.7 23.3 34.9
229 21.0 16.7 25.1

Manual Integrations
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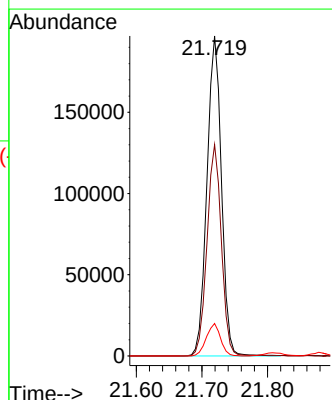
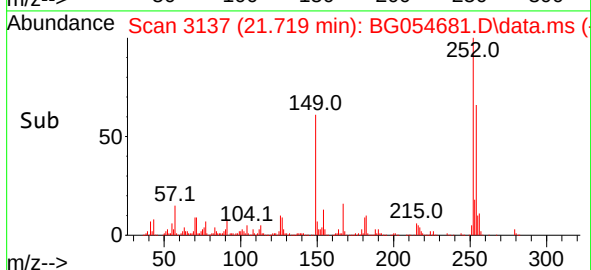
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

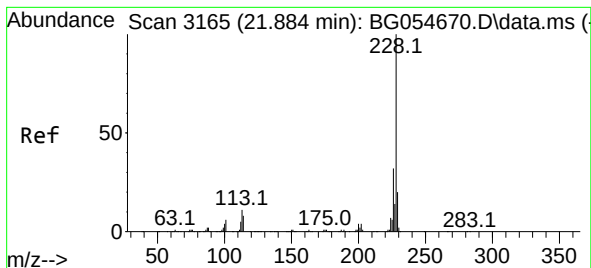


#82
3,3'-Dichlorobenzidine
Concen: 45.882 ng
RT: 21.719 min Scan# 3137
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



Tgt Ion:252 Resp: 302583
Ion Ratio Lower Upper
252 100
254 66.1 52.6 78.8
126 10.2 8.2 12.2





#83

Chrysene

Concen: 40.818 ng

RT: 21.878 min Scan# 3164

Delta R.T. -0.006 min

Lab File: BG054681.D

Acq: 20 Aug 2022 4:13

Instrument :

BNA_G

ClientSampleId :

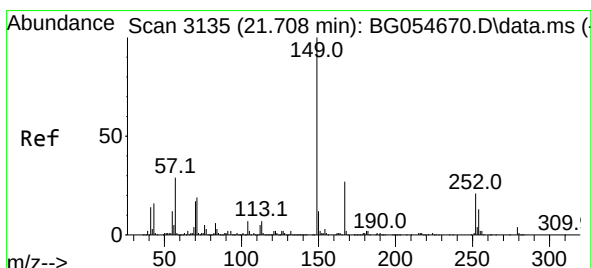
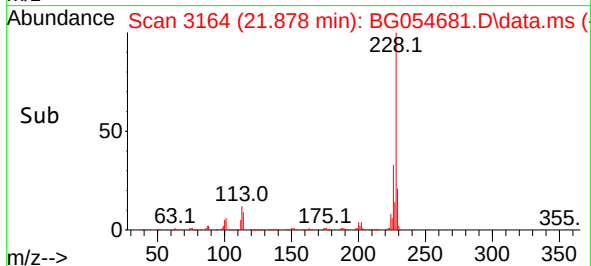
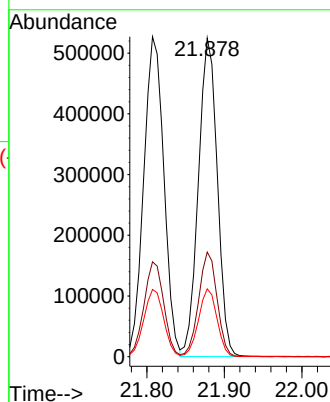
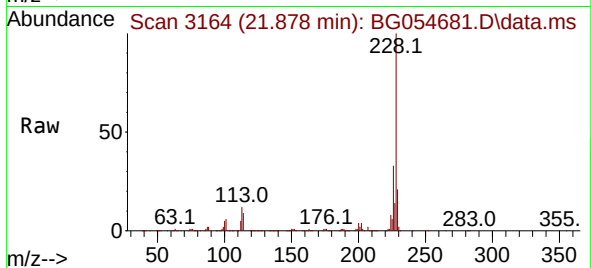
PB147107BS

Tgt Ion:	228	Resp:	888134
Ion Ratio	Lower	Upper	
228	100		
226	32.8	25.4	38.2
229	21.3	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.243 ng

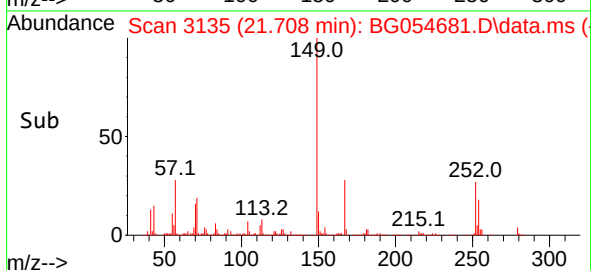
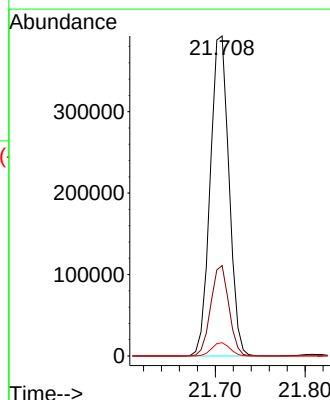
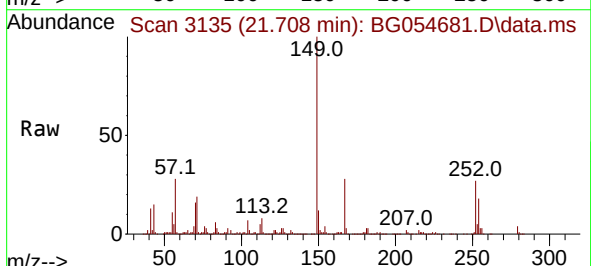
RT: 21.708 min Scan# 3135

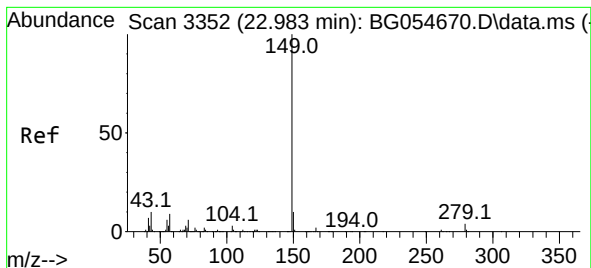
Delta R.T. -0.000 min

Lab File: BG054681.D

Acq: 20 Aug 2022 4:13

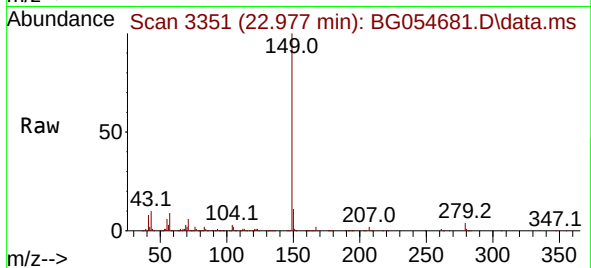
Tgt Ion:	149	Resp:	569818
Ion Ratio	Lower	Upper	
149	100		
167	28.3	21.5	32.3
279	4.2	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 46.921 ng
RT: 22.977 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

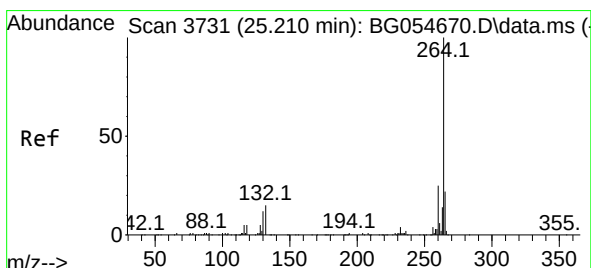
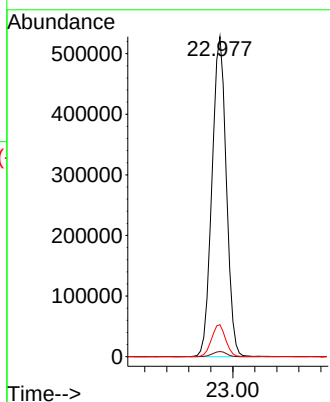
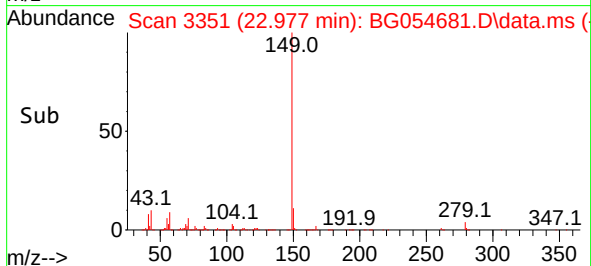
Instrument :
BNA_G
ClientSampleId :
PB147107BS



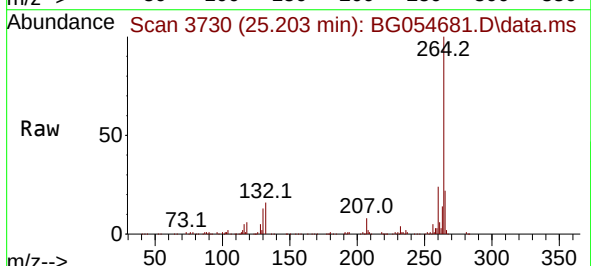
Tgt Ion:149 Resp: 956989
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.9 8.0 12.0

Manual Integrations
APPROVED

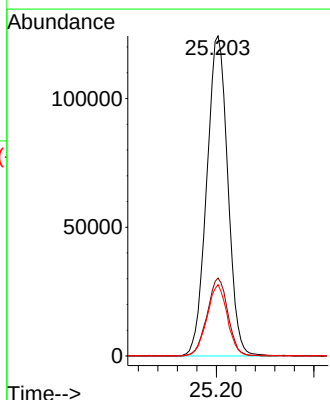
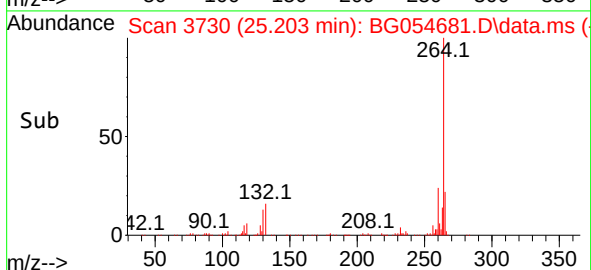
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

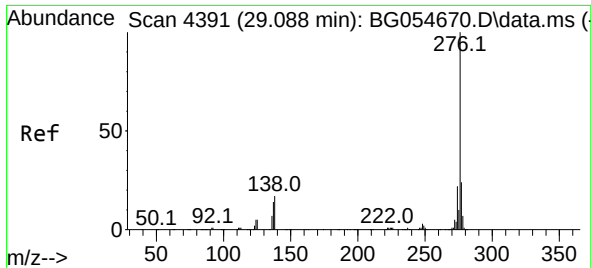


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.203 min Scan# 3730
Delta R.T. -0.006 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



Tgt Ion:264 Resp: 372464
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 22.3 17.3 25.9





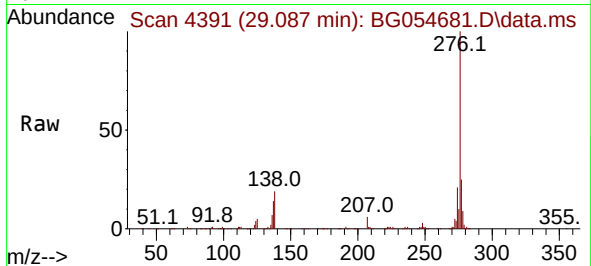
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.026 ng
RT: 29.087 min Scan# 41
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Instrument :

BNA_G

ClientSampleId :

PB147107BS

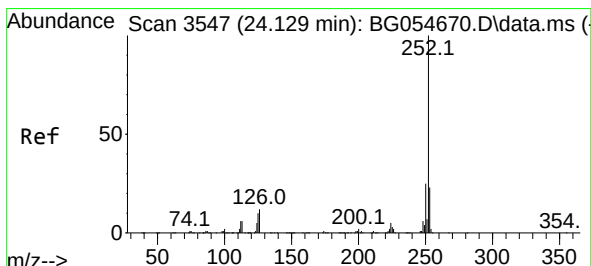
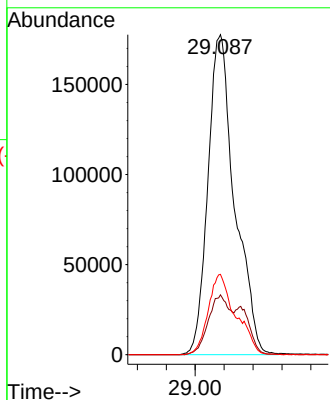
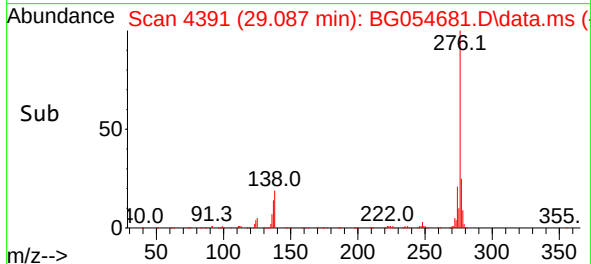


Tgt Ion:276 Resp: 1144472
Ion Ratio Lower Upper
276 100
138 15.5 12.6 18.8
277 25.7 20.2 30.4

Manual Integrations

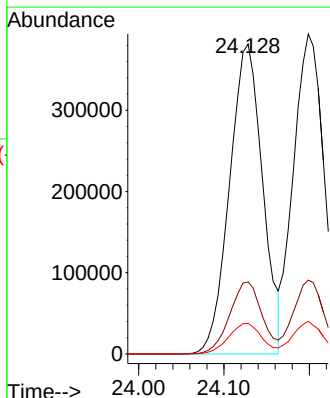
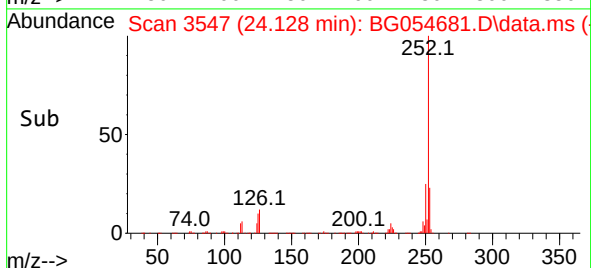
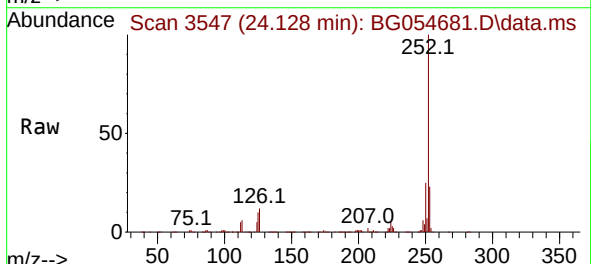
APPROVED

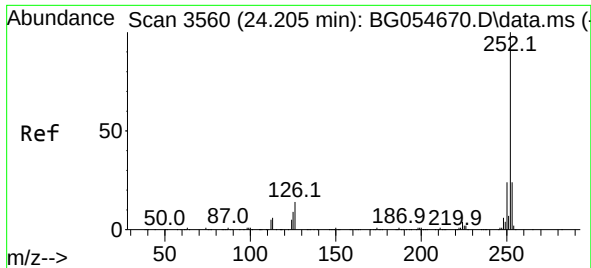
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#88
Benzo(b)fluoranthene
Concen: 45.917 ng
RT: 24.128 min Scan# 3547
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Tgt Ion:252 Resp: 1029906
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.2
125 9.9 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 43.518 ng
RT: 24.199 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Instrument :

BNA_G

ClientSampleId :

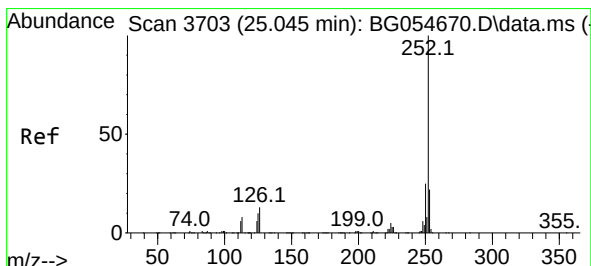
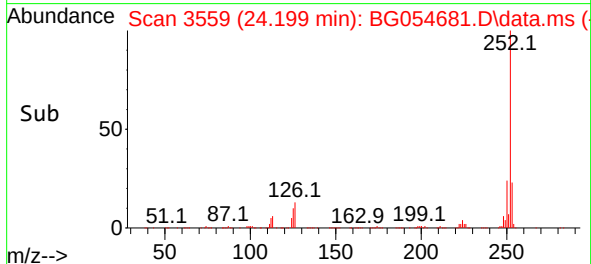
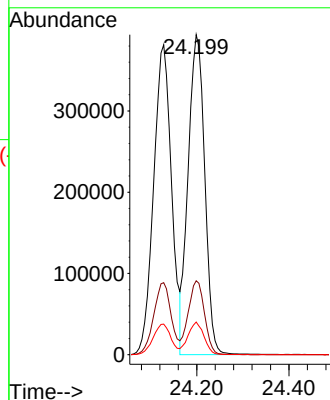
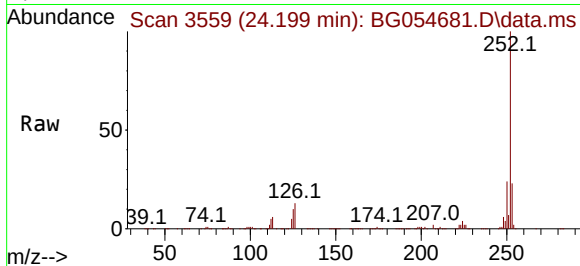
PB147107BS

Tgt Ion:252 Resp: 98182
Ion Ratio Lower Upper
252 100
253 23.1 18.6 28.0
125 10.2 7.5 11.3

Manual Integrations

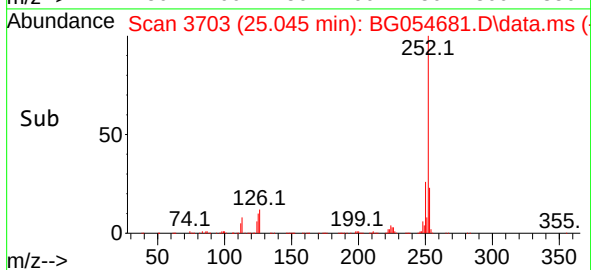
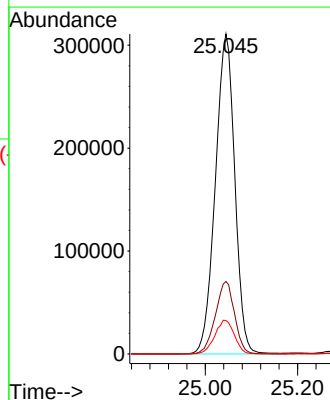
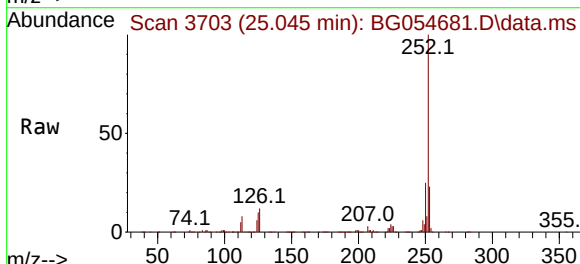
APPROVED

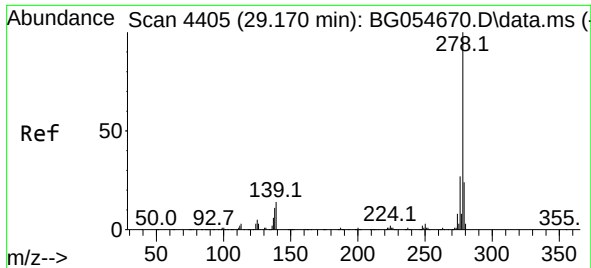
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#90
Benzo(a)pyrene
Concen: 47.606 ng
RT: 25.045 min Scan# 3703
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Tgt Ion:252 Resp: 906875
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 10.5 8.2 12.4





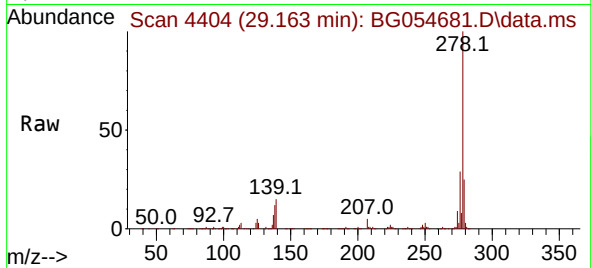
#91
Dibenzo(a,h)anthracene
Concen: 43.974 ng
RT: 29.163 min Scan# 4405
Delta R.T. -0.006 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13

Instrument :

BNA_G

ClientSampleId :

PB147107BS

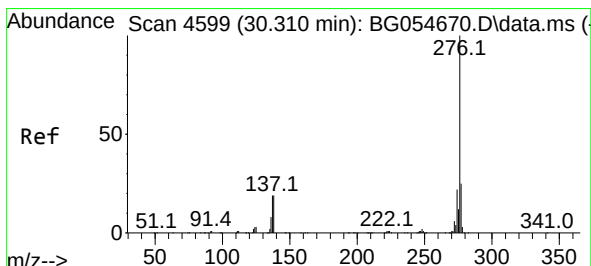
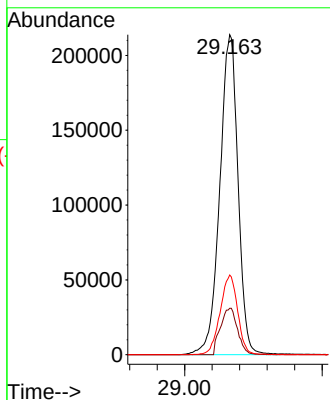
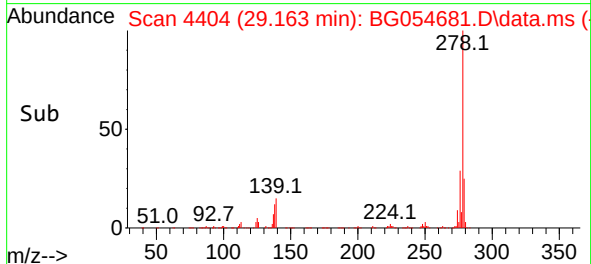


Tgt Ion:278 Resp: 985344
Ion Ratio Lower Upper
278 100
139 14.5 11.4 17.2
279 24.9 19.4 29.2

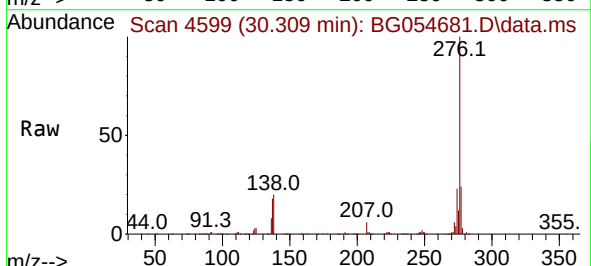
Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#92
Benzo(g,h,i)perylene
Concen: 43.995 ng
RT: 30.309 min Scan# 4599
Delta R.T. -0.000 min
Lab File: BG054681.D
Acq: 20 Aug 2022 4:13



Tgt Ion:276 Resp: 977608
Ion Ratio Lower Upper
276 100
277 24.3 20.0 30.0
138 19.6 15.4 23.2

