

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
 Data File : BG053028.D
 Acq On : 5 Apr 2022 12:38
 Operator : CG/JU
 Sample : PB143836BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB143836BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 04/06/2022
 Supervised By : Jagrut Upadhyay 04/06/2022

Quant Time: Apr 05 14:26:53 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 05 14:24:42 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.136	152	33190	20.000	ng	0.00
21) Naphthalene-d8	10.944	136	130416	20.000	ng	# 0.00
39) Acenaphthene-d10	14.756	164	99321	20.000	ng	0.00
64) Phenanthrene-d10	17.494	188	235839	20.000	ng	0.00
76) Chrysene-d12	21.782	240	244841	20.000	ng	0.00
86) Perylene-d12	25.083	264	253860	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	244481	128.282	ng	0.00
7) Phenol-d6	7.284	99	348875	121.423	ng	0.00
23) Nitrobenzene-d5	9.293	82	240934	92.723	ng	0.00
42) 2,4,6-Tribromophenol	16.236	330	177139	132.727	ng	0.00
45) 2-Fluorobiphenyl	13.381	172	524670	77.910	ng	0.00
79) Terphenyl-d14	20.096	244	1057821	76.854	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.583	88	32135	33.708	ng	# 92
3) Pyridine	3.982	79	69104	28.277	ng	# 86
4) n-Nitrosodimethylamine	3.888	42	50028	46.146	ng	81
6) Aniline	7.454	93	114067	33.858	ng	95
8) 2-Chlorophenol	7.695	128	91017	45.451	ng	92
9) Benzaldehyde	7.260	77	59640	37.027	ng	91
10) Phenol	7.313	94	127999	45.130	ng	90
11) bis(2-Chloroethyl)ether	7.542	93	88443	41.292	ng	91
12) 1,3-Dichlorobenzene	8.024	146	95900m	39.774	ng	
13) 1,4-Dichlorobenzene	8.171	146	97693	40.327	ng	95
14) 1,2-Dichlorobenzene	8.488	146	94783	41.370	ng	93
15) Benzyl Alcohol	8.365	79	107246	44.330	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.653	45	147853	39.639	ng	98
17) 2-Methylphenol	8.570	107	87338	46.192	ng	94
18) Hexachloroethane	9.228	117	38013	42.768	ng	97
19) n-Nitroso-di-n-propyla...	8.935	70	86138	42.329	ng	# 94
20) 3+4-Methylphenols	8.893	107	118595	44.819	ng	92
22) Acetophenone	8.952	105	146517	43.413	ng	# 97
24) Nitrobenzene	9.334	77	131891	50.729	ng	90
25) Isophorone	9.857	82	223438	44.409	ng	99
26) 2-Nitrophenol	10.051	139	51894	57.477	ng	91
27) 2,4-Dimethylphenol	10.104	122	89540	48.476	ng	93
28) bis(2-Chloroethoxy)met...	10.339	93	122532	41.187	ng	99
29) 2,4-Dichlorophenol	10.585	162	100301	48.258	ng	97
30) 1,2,4-Trichlorobenzene	10.808	180	105635	43.083	ng	96
31) Naphthalene	10.996	128	281853	41.793	ng	98
32) Benzoic acid	10.233	122	50071	37.863	ng	91
33) 4-Chloroaniline	11.096	127	70178	24.552	ng	97
34) Hexachlorobutadiene	11.284	225	76099	43.289	ng	97
35) Caprolactam	11.860	113	33558m	59.130	ng	
36) 4-Chloro-3-methylphenol	12.207	107	112291	46.525	ng	95
37) 2-Methylnaphthalene	12.594	142	213188	43.165	ng	96
38) 1-Methylnaphthalene	12.812	142	199446	41.377	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.959	216	134733	43.420	ng	99
41) Hexachlorocyclopentadiene	12.941	237	178267	96.921	ng	91
43) 2,4,6-Trichlorophenol	13.193	196	91708	46.150	ng	99

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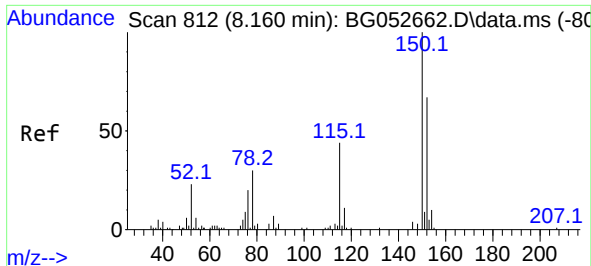
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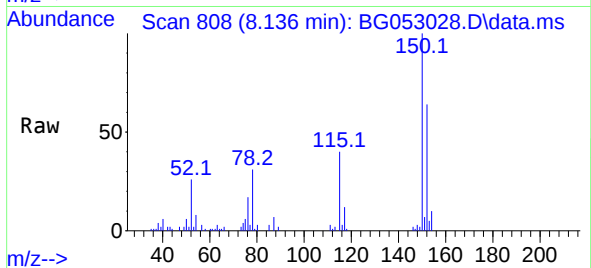
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.264	196	99688	49.425	ng	96
46) 1,1'-Biphenyl	13.587	154	287442	41.383	ng	97
47) 2-Chloronaphthalene	13.634	162	220894	40.383	ng	96
48) 2-Nitroaniline	13.828	65	87505	58.494	ng	96
49) Acenaphthylene	14.474	152	363462	41.683	ng	100
50) Dimethylphthalate	14.198	163	304665	41.273	ng	99
51) 2,6-Dinitrotoluene	14.316	165	67381	54.065	ng	# 83
52) Acenaphthene	14.821	154	273968m	49.044	ng	
53) 3-Nitroaniline	14.650	138	46047	31.574	ng	91
54) 2,4-Dinitrophenol	14.856	184	83907	123.512	ng	# 92
55) Dibenzofuran	15.150	168	360891	39.561	ng	97
56) 4-Nitrophenol	14.950	139	115832	97.369	ng	# 78
57) 2,4-Dinitrotoluene	15.103	165	96762	55.956	ng	# 82
58) Fluorene	15.796	166	300085	40.355	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.373	232	96382	44.707	ng	97
60) Diethylphthalate	15.561	149	315168	40.448	ng	99
61) 4-Chlorophenyl-phenyle...	15.784	204	162091	39.525	ng	98
62) 4-Nitroaniline	15.808	138	70448	45.717	ng	# 74
63) Azobenzene	16.078	77	330574	39.693	ng	96
65) 4,6-Dinitro-2-methylph...	15.866	198	59572	56.659	ng	97
66) n-Nitrosodiphenylamine	16.001	169	273551	41.200	ng	100
67) 4-Bromophenyl-phenylether	16.683	248	120271	42.299	ng	96
68) Hexachlorobenzene	16.806	284	131811	43.129	ng	90
69) Atrazine	16.941	200	120959	49.407	ng	96
70) Pentachlorophenol	17.147	266	164022	86.508	ng	88
71) Phenanthrene	17.541	178	527540	41.813	ng	98
72) Anthracene	17.629	178	527420	42.287	ng	99
73) Carbazole	17.893	167	497205	40.251	ng	97
74) Di-n-butylphthalate	18.445	149	558413	41.381	ng	97
75) Fluoranthene	19.544	202	692144	43.217	ng	98
77) Benzidine	19.714	184	250438	39.658	ng	99
78) Pyrene	19.908	202	697130	41.047	ng	99
80) Butylbenzylphthalate	20.783	149	250584	41.593	ng	99
81) Benzo(a)anthracene	21.764	228	669636	40.844	ng	98
82) 3,3'-Dichlorobenzidine	21.670	252	161293	27.859	ng	96
83) Chrysene	21.829	228	635804	41.251	ng	98
84) Bis(2-ethylhexyl)phtha...	21.658	149	352636	43.040	ng	100
85) Di-n-octyl phthalate	22.898	149	600517	44.027	ng	96
87) Indeno(1,2,3-cd)pyrene	28.866	276	798364	45.946	ng	98
88) Benzo(b)fluoranthene	24.038	252	724243	45.948	ng	99
89) Benzo(k)fluoranthene	24.108	252	667011	43.011	ng	99
90) Benzo(a)pyrene	24.936	252	686616	51.461	ng	98
91) Dibenzo(a,h)anthracene	28.937	278	665878	46.507	ng	98
92) Benzo(g,h,i)perylene	30.059	276	664641	46.916	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.136 min Scan# 80
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

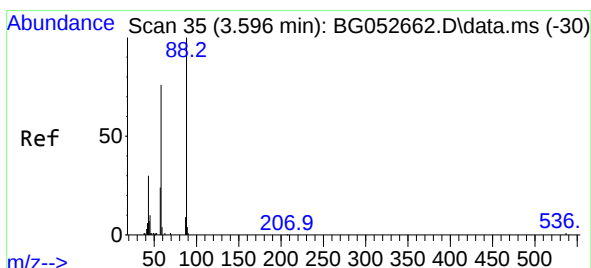
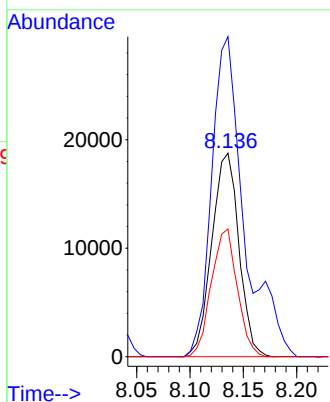
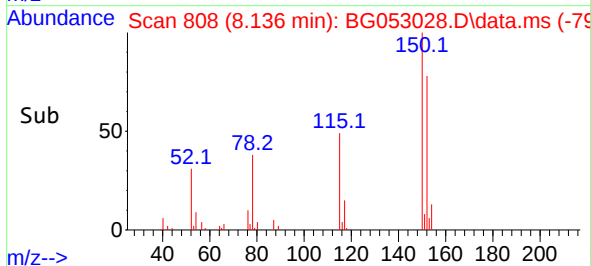
Instrument :
BNA_G
ClientSampleId :
PB143836BS



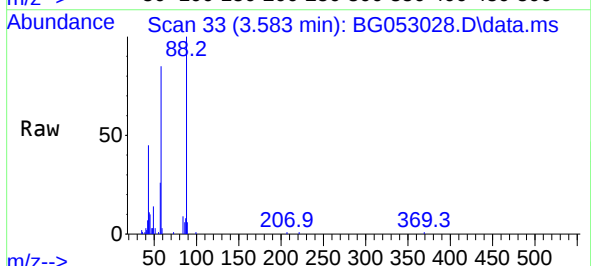
Tgt Ion:152 Resp: 33190
Ion Ratio Lower Upper
152 100
150 157.2 114.6 172.0
115 62.8 45.9 68.9

Manual Integrations
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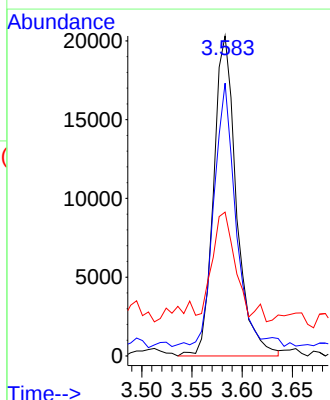
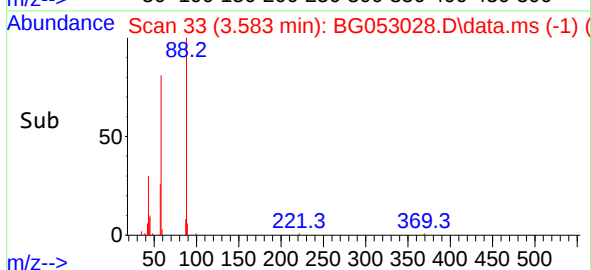
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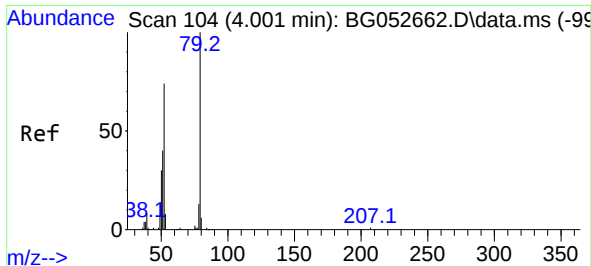


#2
1,4-Dioxane
Concen: 33.708 ng
RT: 3.583 min Scan# 33
Delta R.T. -0.007 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38



Tgt Ion: 88 Resp: 32135
Ion Ratio Lower Upper
88 100
58 77.9 58.2 87.2
43 36.7 23.4 35.0





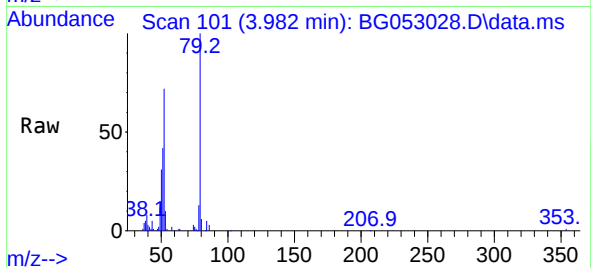
#3
Pyridine
Concen: 28.277 ng
RT: 3.982 min Scan# 104
Delta R.T. -0.007 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Instrument :

BNA_G

ClientSampleId :

PB143836BS

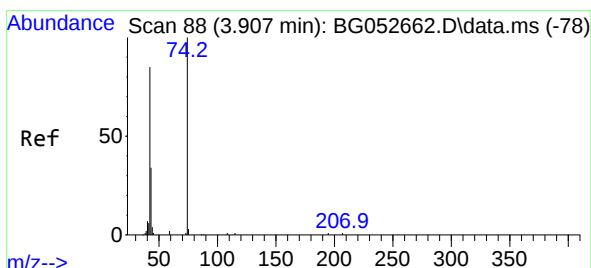
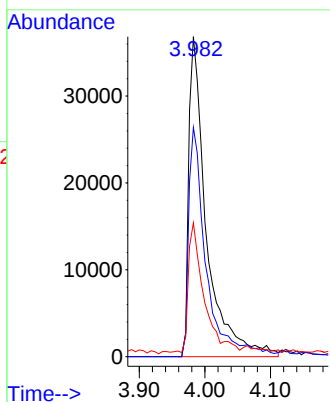
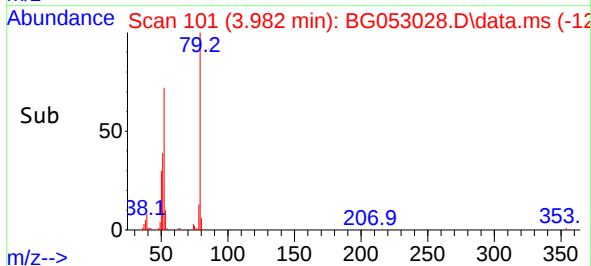


Tgt Ion: 79 Resp: 69104
Ion Ratio Lower Upper
79 100
52 71.7 50.9 76.3
51 41.9 24.4 36.6

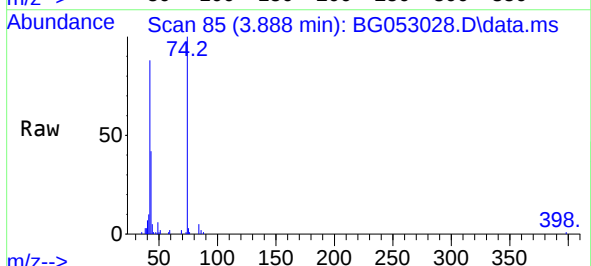
Manual Integrations

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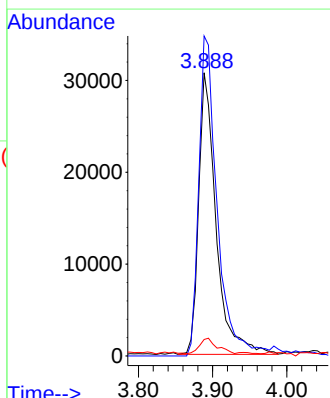
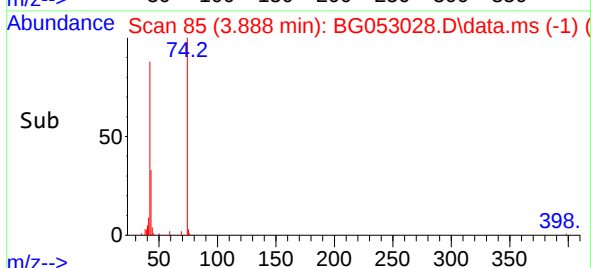
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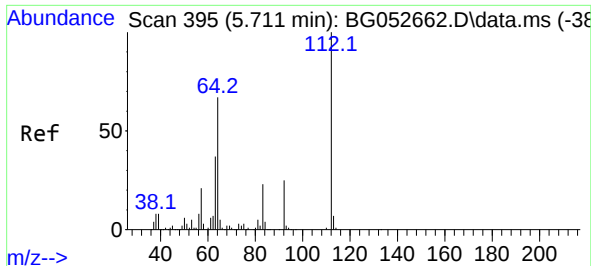


#4
n-Nitrosodimethylamine
Concen: 46.146 ng
RT: 3.888 min Scan# 85
Delta R.T. -0.013 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38



Tgt Ion: 42 Resp: 50028
Ion Ratio Lower Upper
42 100
74 113.0 108.9 163.3
44 5.8 5.7 8.5





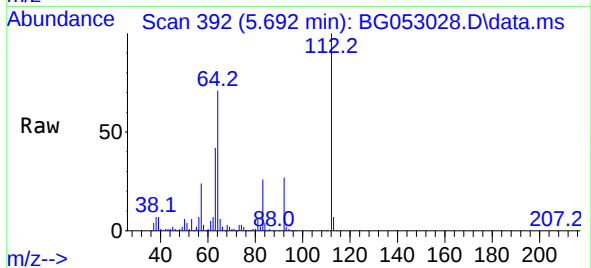
#5
2-Fluorophenol
Concen: 128.282 ng
RT: 5.692 min Scan# 395
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Instrument :

BNA_G

ClientSampleId :

PB143836BS

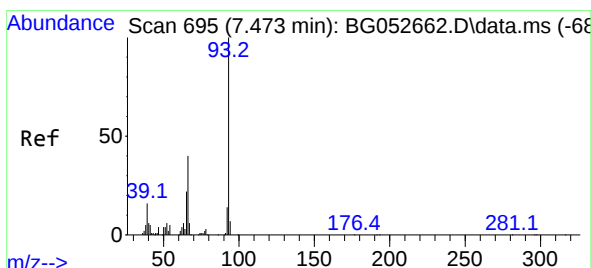
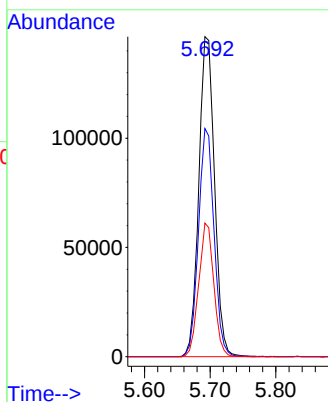
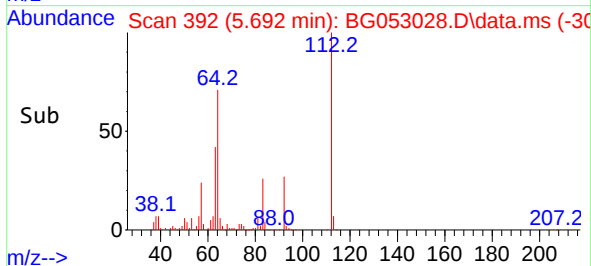


Tgt Ion:112 Resp: 24448
Ion Ratio Lower Upper
112 100
64 71.3 48.0 72.0
63 41.7 26.5 39.7

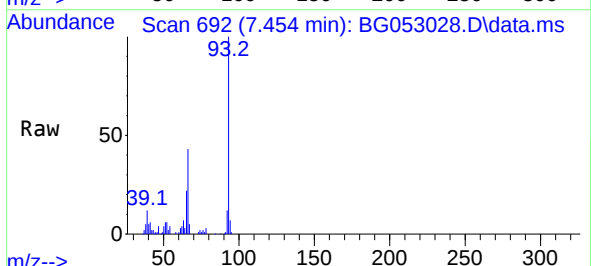
Manual Integrations

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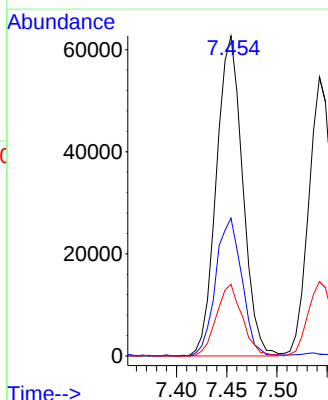
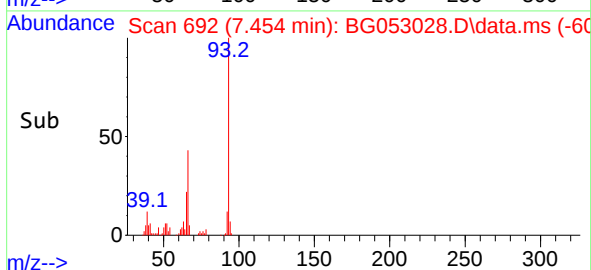
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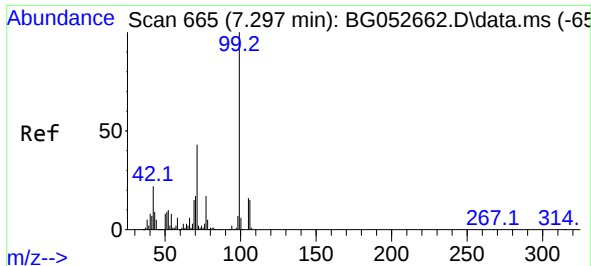


#6
Aniline
Concen: 33.858 ng
RT: 7.454 min Scan# 692
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38



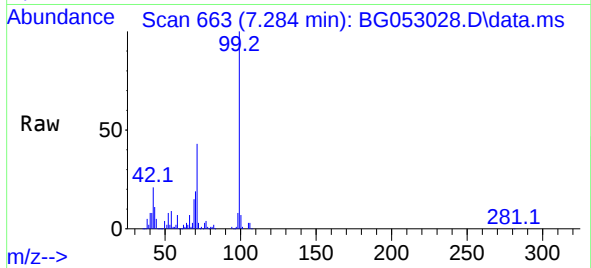
Tgt Ion: 93 Resp: 114067
Ion Ratio Lower Upper
93 100
66 43.0 31.3 46.9
65 22.4 16.7 25.1





#7
Phenol-d6
Concen: 121.423 ng
RT: 7.284 min Scan# 665
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

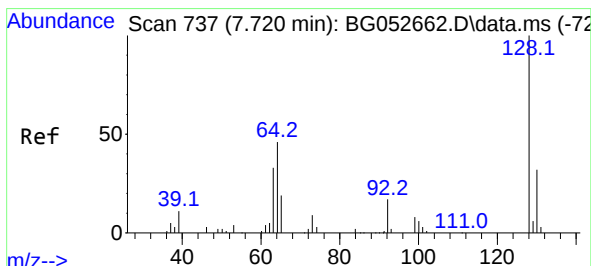
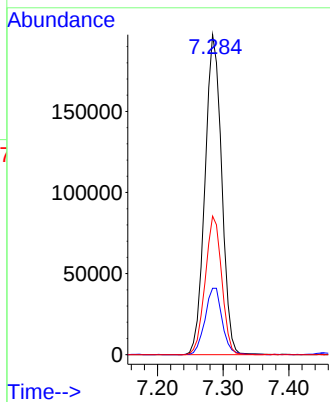
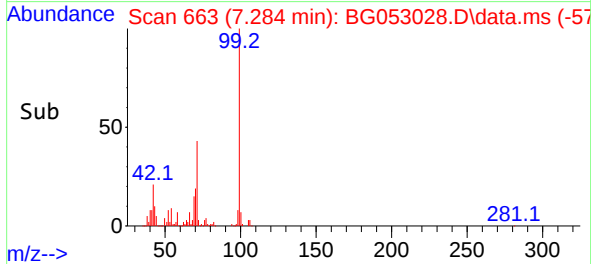
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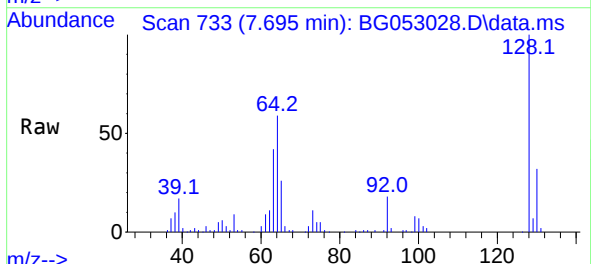
Tgt Ion: 99 Resp: 348875
Ion Ratio Lower Upper
99 100
42 20.7 14.7 22.1
71 43.3 29.2 43.8

Manual Integrations
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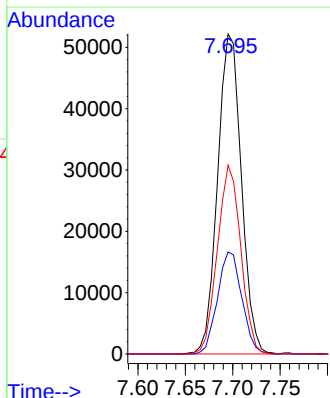
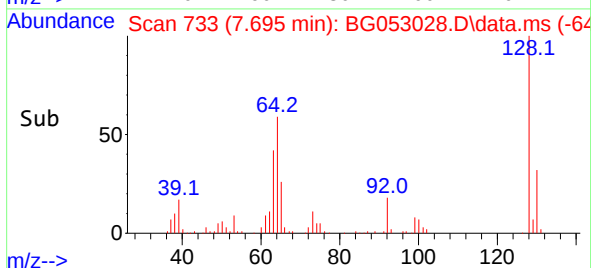
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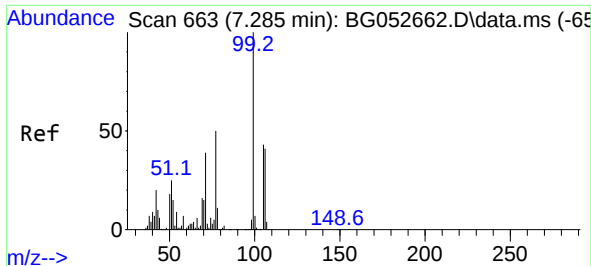


#8
2-Chlorophenol
Concen: 45.451 ng
RT: 7.695 min Scan# 733
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38



Tgt Ion:128 Resp: 91017
Ion Ratio Lower Upper
128 100
130 31.9 13.4 53.4
64 58.9 30.9 70.9





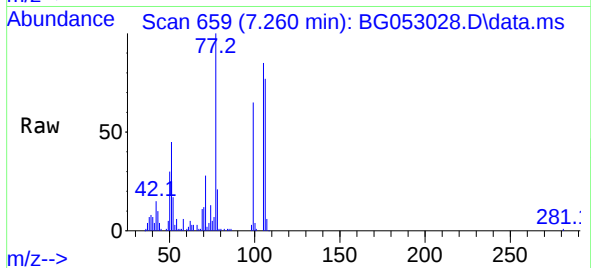
#9
Benzaldehyde
Concen: 37.027 ng
RT: 7.260 min Scan# 663
Delta R.T. -0.007 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Instrument :

BNA_G

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PB143836BS

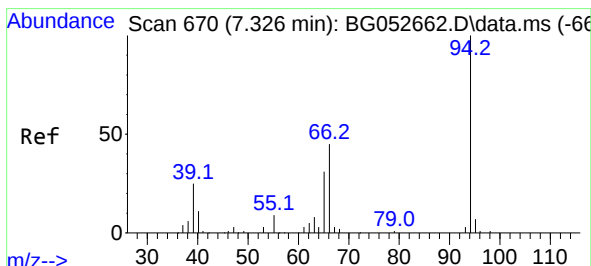
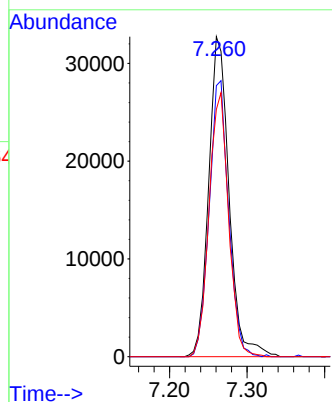


Tgt Ion: 77 Resp: 59640
Ion Ratio Lower Upper
77 100
105 84.7 70.6 110.6
106 77.3 67.6 107.6

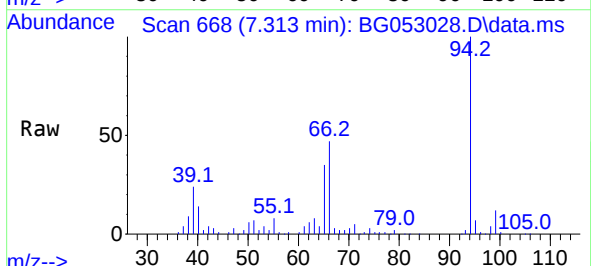
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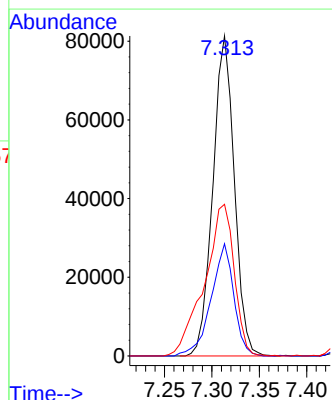
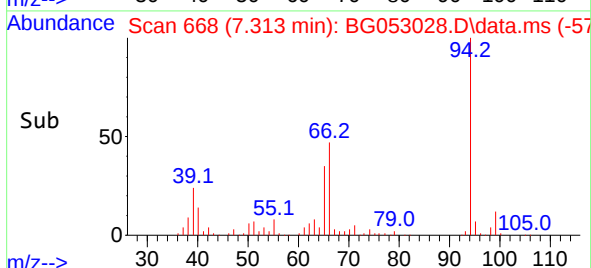
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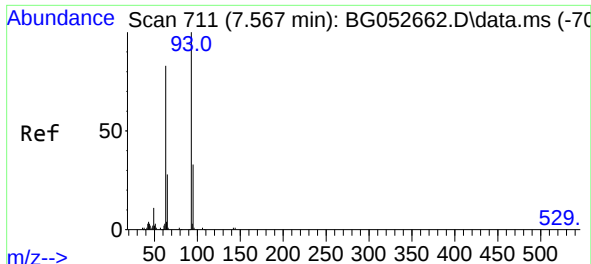


#10
Phenol
Concen: 45.130 ng
RT: 7.313 min Scan# 668
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38



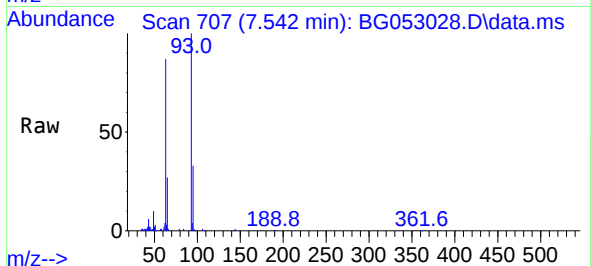
Tgt Ion: 94 Resp: 127999
Ion Ratio Lower Upper
94 100
65 35.1 11.1 51.1
66 47.4 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 41.292 ng
RT: 7.542 min Scan# 707
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

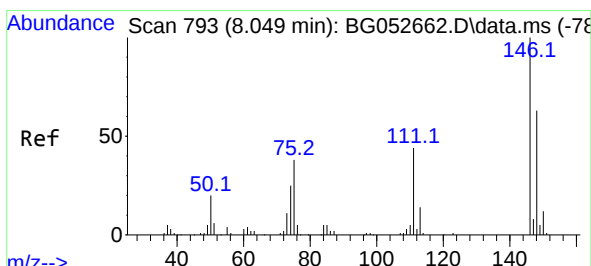
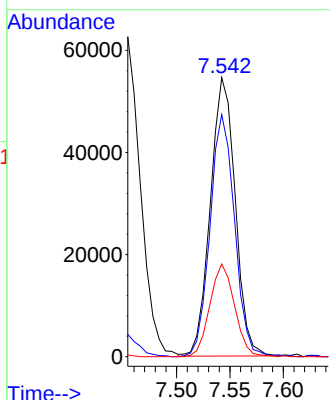
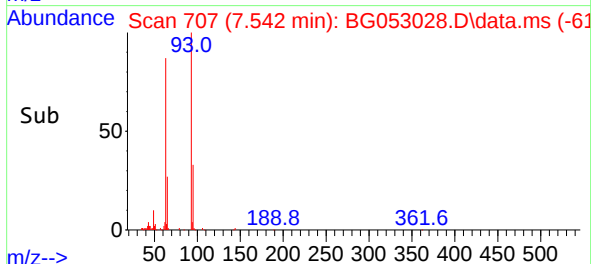
Instrument :
BNA_G
ClientSampleId :
PB143836BS



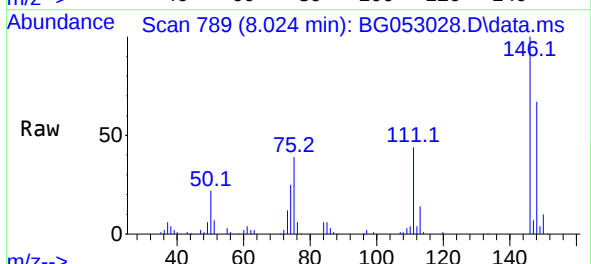
Tgt Ion: 93 Resp: 8844
Ion Ratio Lower Upper
93 100
63 86.8 56.9 96.9
95 33.2 14.5 54.5

Manual Integrations
APPROVED

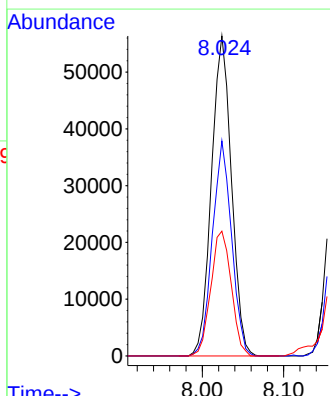
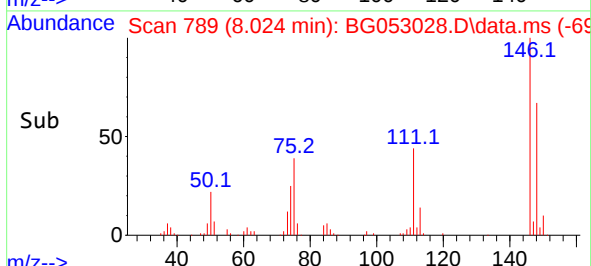
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

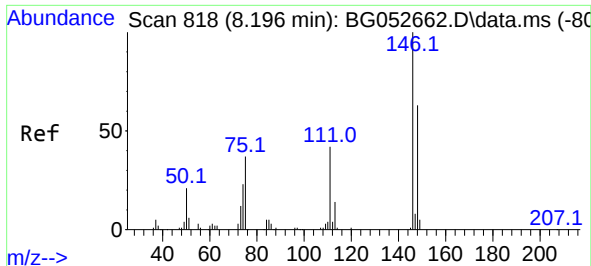


#12
1,3-Dichlorobenzene
Concen: 39.774 ng m
RT: 8.024 min Scan# 789
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38



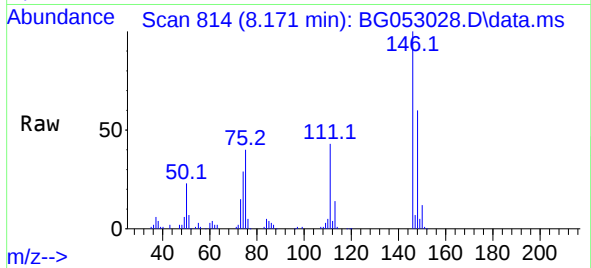
Tgt Ion:146 Resp: 95900
Ion Ratio Lower Upper
146 100
148 67.2 50.6 76.0
75 39.0 25.9 38.9#





#13
1,4-Dichlorobenzene
Concen: 40.327 ng
RT: 8.171 min Scan# 811
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

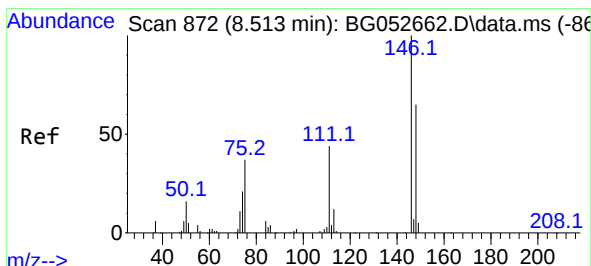
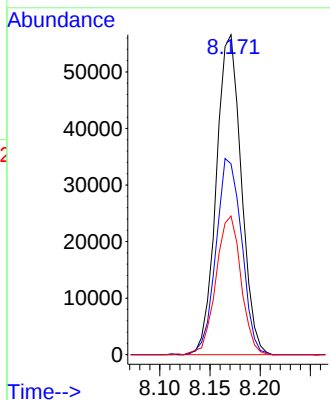
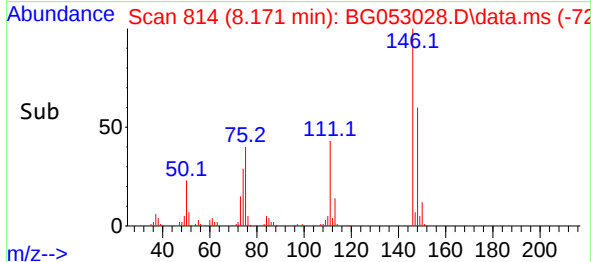
Instrument :
BNA_G
ClientSampleId :
PB143836BS



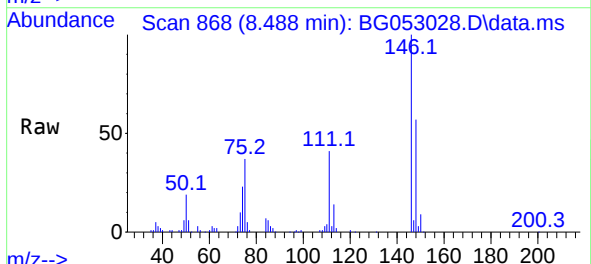
Tgt Ion:146 Resp: 9769
Ion Ratio Lower Upper
146 100
148 59.7 50.0 75.0
111 43.4 31.0 46.4

Manual Integrations
APPROVED

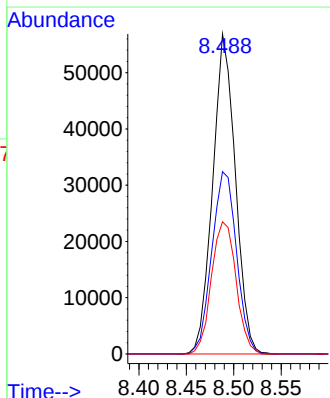
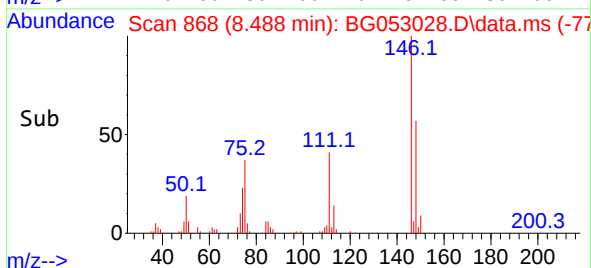
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

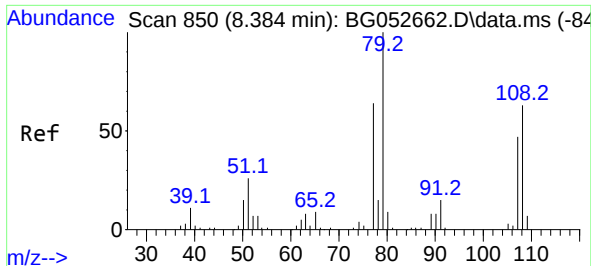


#14
1,2-Dichlorobenzene
Concen: 41.370 ng
RT: 8.488 min Scan# 868
Delta R.T. -0.007 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38



Tgt Ion:146 Resp: 94783
Ion Ratio Lower Upper
146 100
148 57.0 51.0 76.6
111 41.3 34.7 52.1





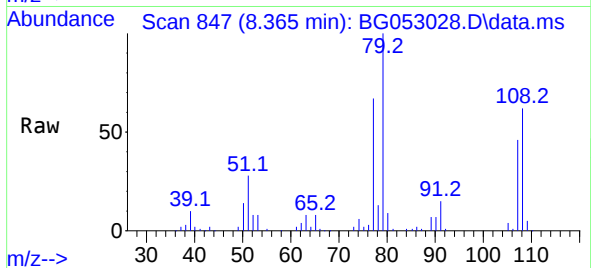
#15
Benzyl Alcohol
Concen: 44.330 ng
RT: 8.365 min Scan# 847
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Instrument :

BNA_G

ClientSampleId :

PB143836BS

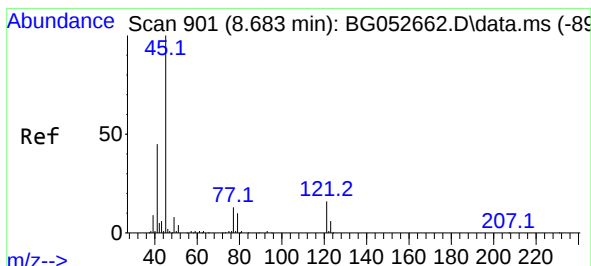
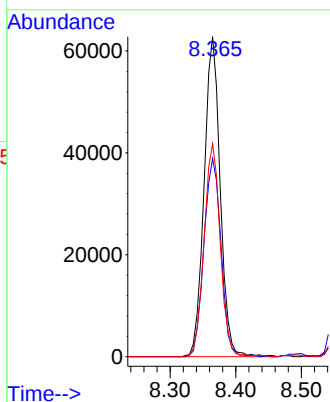
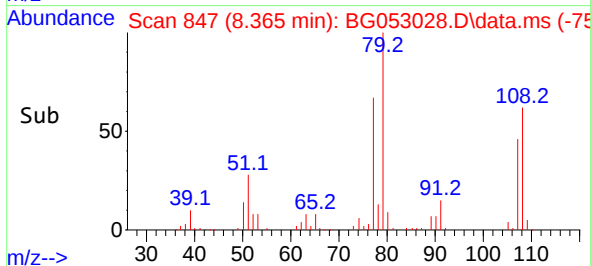


Tgt Ion: 79 Resp: 107240
Ion Ratio Lower Upper
79 100
108 61.9 55.1 82.7
77 66.6 52.4 78.6

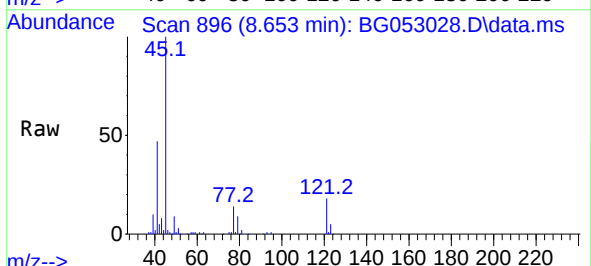
Manual Integrations

APPROVED

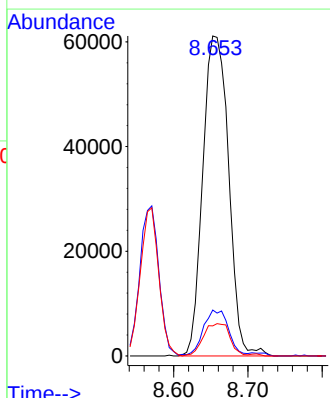
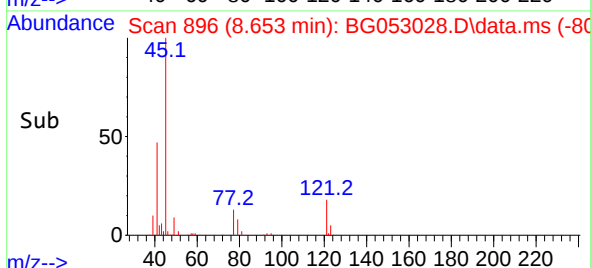
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

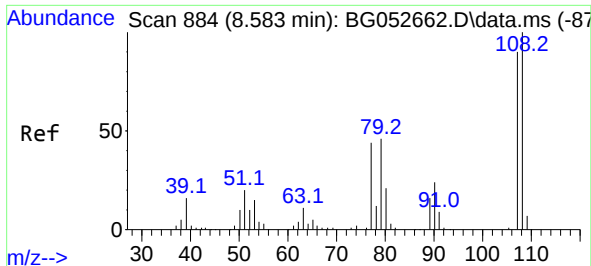


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.639 ng
RT: 8.653 min Scan# 896
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38



Tgt Ion: 45 Resp: 147853
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.9
79 9.4 0.0 30.7





#17
2-Methylphenol
Concen: 46.192 ng
RT: 8.570 min Scan# 882
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Instrument :

BNA_G

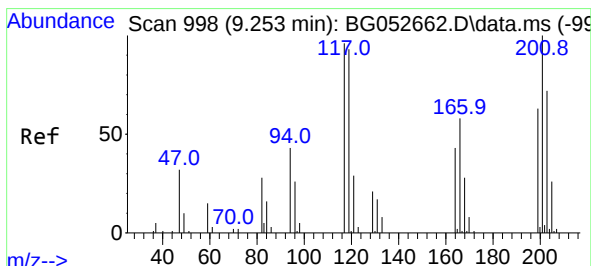
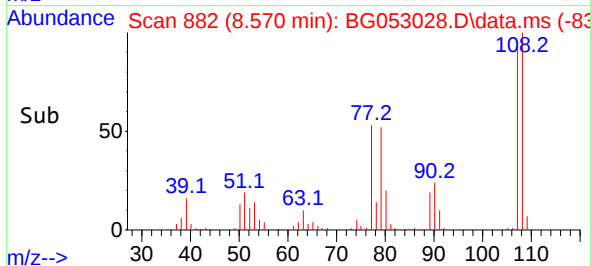
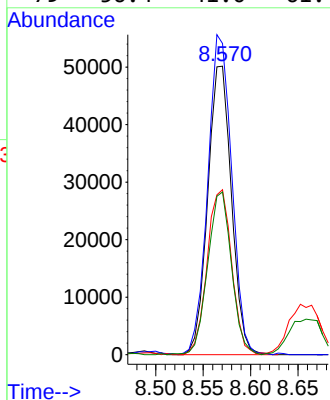
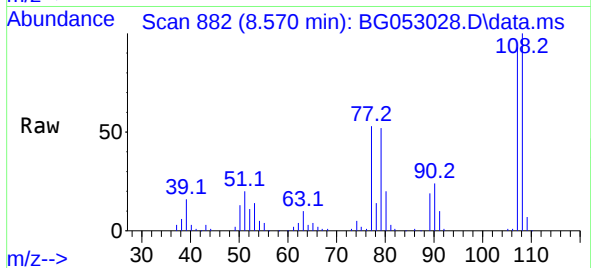
ClientSampleId :

PB143836BS

Tgt Ion:107 Resp: 87338
Ion Ratio Lower Upper
107 100
108 107.9 91.5 137.3
77 57.2 42.5 63.7
79 56.4 41.0 61.4

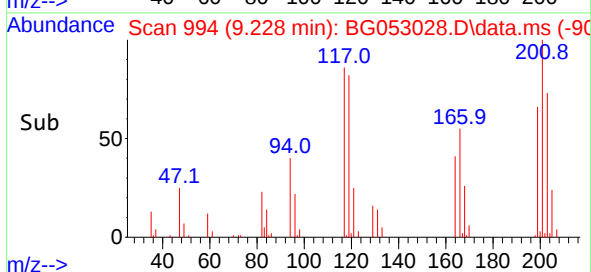
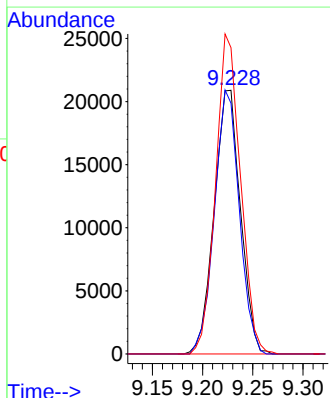
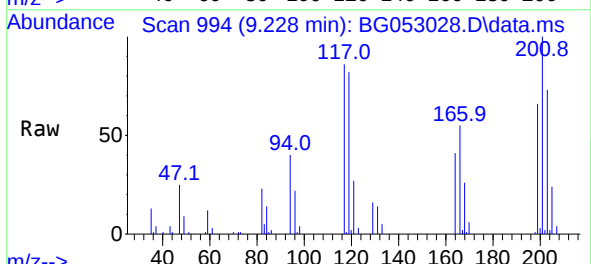
Manual Integrations
APPROVED

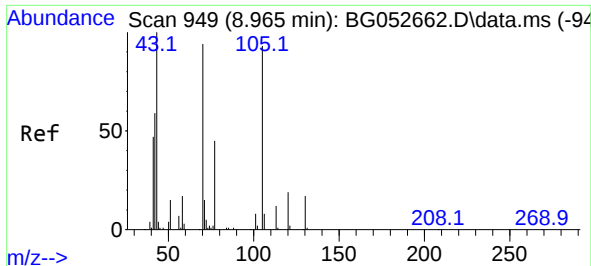
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#18
Hexachloroethane
Concen: 42.768 ng
RT: 9.228 min Scan# 994
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

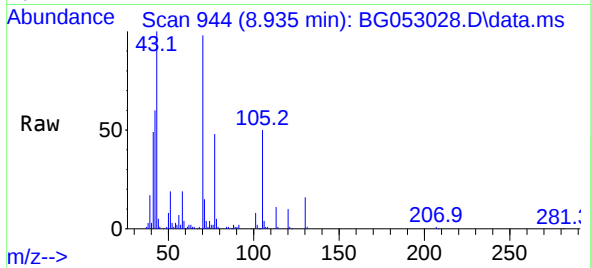
Tgt Ion:117 Resp: 38013
Ion Ratio Lower Upper
117 100
119 95.1 75.1 112.7
201 116.2 96.6 145.0





#19
n-Nitroso-di-n-propylamine
Concen: 42.329 ng
RT: 8.935 min Scan# 94
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

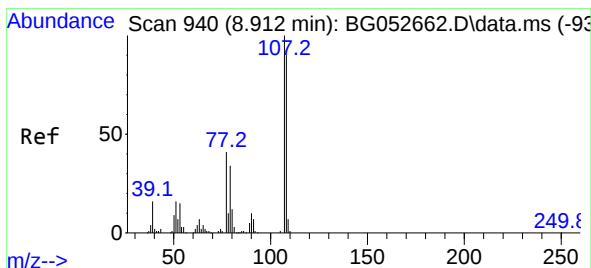
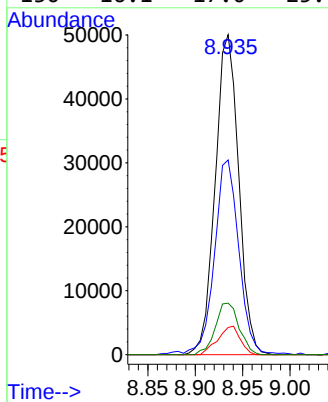
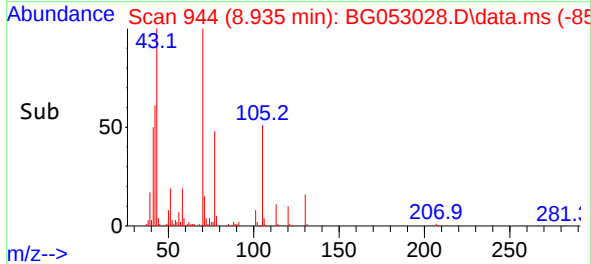
Instrument :
BNA_G
ClientSampleId :
PB143836BS



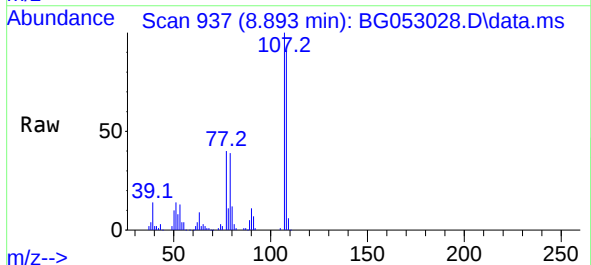
Tgt Ion: 70 Resp: 86138
Ion Ratio Lower Upper
70 100
42 60.9 46.0 69.0
101 8.5 6.2 9.4
130 16.1 17.0 25.4#

Manual Integrations
APPROVED

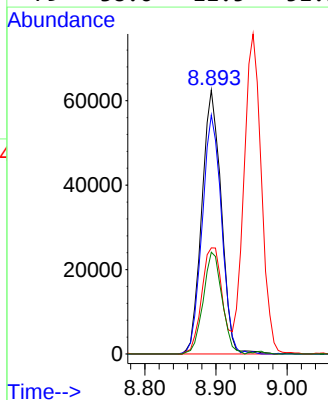
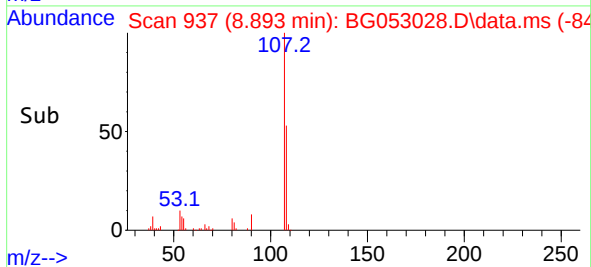
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

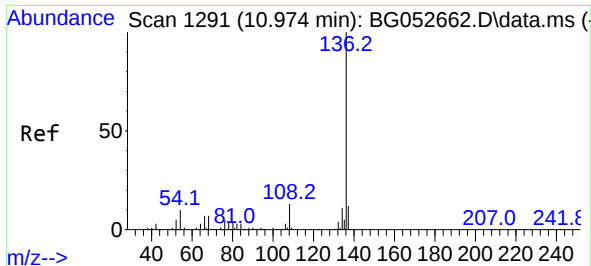


#20
3+4-Methylphenols
Concen: 44.819 ng
RT: 8.893 min Scan# 937
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38



Tgt Ion:107 Resp: 118595
Ion Ratio Lower Upper
107 100
108 90.5 64.8 104.8
77 40.2 15.9 55.9
79 38.6 11.5 51.5





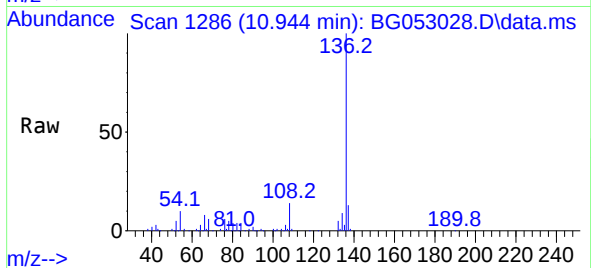
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.944 min Scan# 130410
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Instrument :

BNA_G

ClientSampleId :

PB143836BS

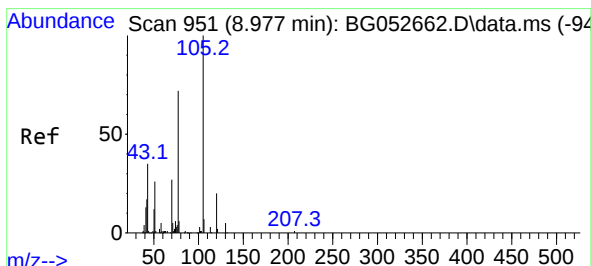
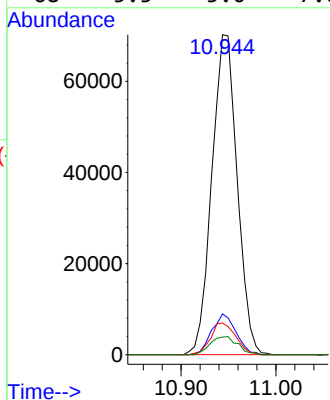
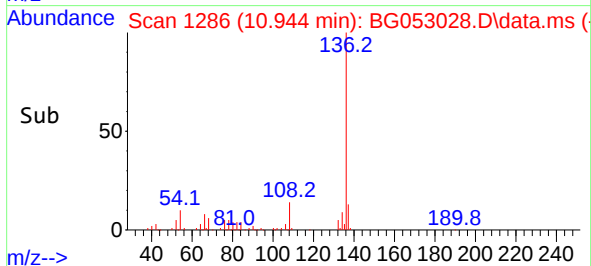


Tgt Ion:136 Resp: 130410
Ion Ratio Lower Upper
136 100
137 12.7 9.4 14.2
54 9.9 6.4 9.6
68 5.5 5.0 7.6

Manual Integrations

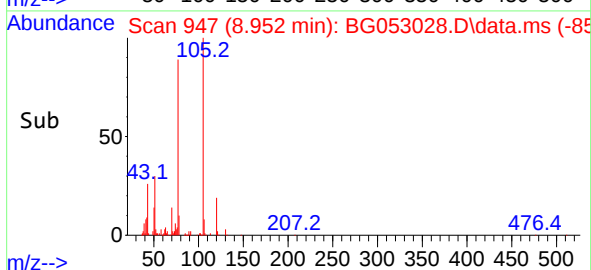
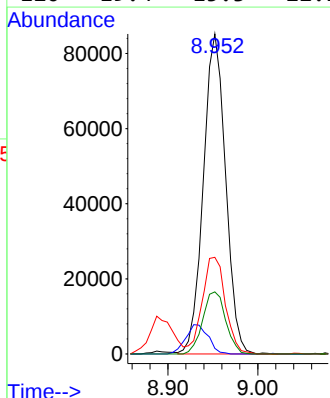
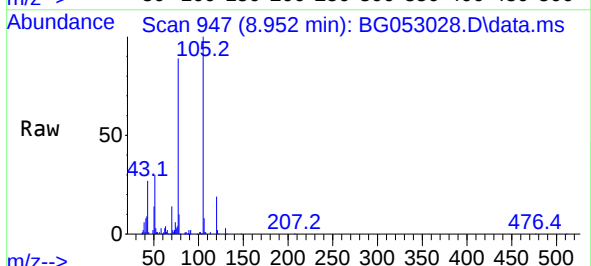
APPROVED

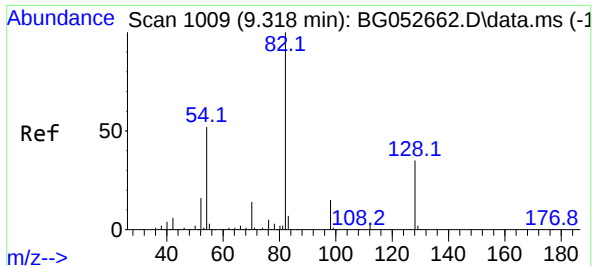
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#22
Acetophenone
Concen: 43.413 ng
RT: 8.952 min Scan# 947
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

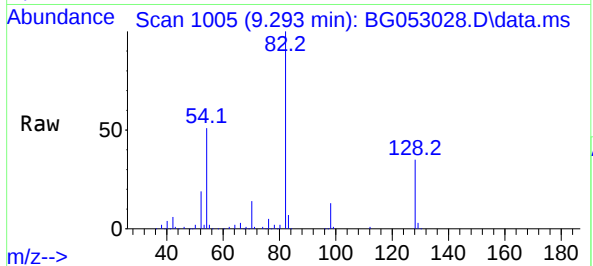
Tgt Ion:105 Resp: 146517
Ion Ratio Lower Upper
105 100
71 1.7 2.1 3.1#
51 30.2 21.9 32.9
120 19.4 15.3 22.9





#23
Nitrobenzene-d5
Concen: 92.723 ng
RT: 9.293 min Scan# 1005
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

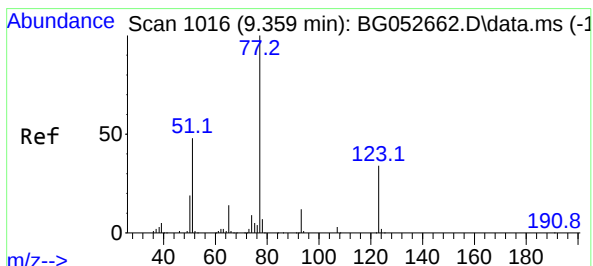
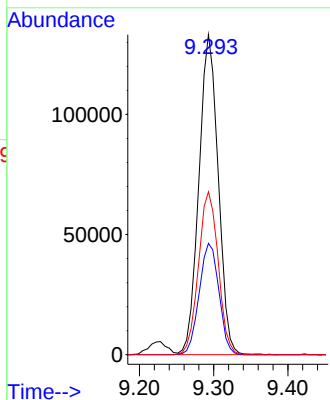
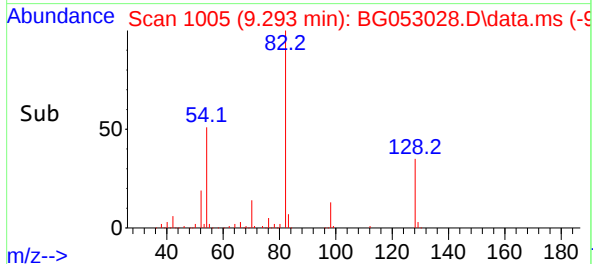
Instrument :
BNA_G
ClientSampleId :
PB143836BS



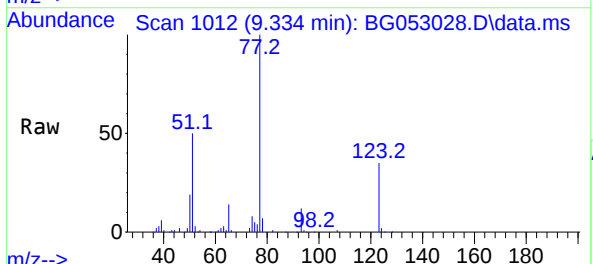
Tgt Ion: 82 Resp: 240934
Ion Ratio Lower Upper
82 100
128 34.8 31.3 46.9
54 50.9 37.8 56.8

Manual Integrations
APPROVED

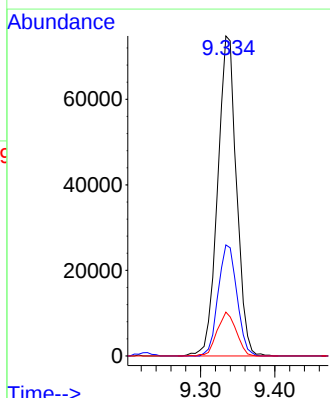
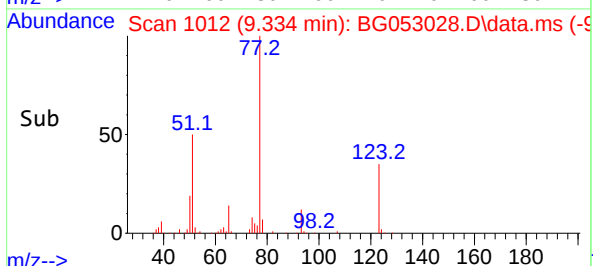
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

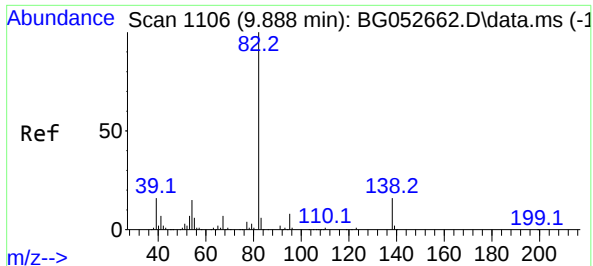


#24
Nitrobenzene
Concen: 50.729 ng
RT: 9.334 min Scan# 1012
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38



Tgt Ion: 77 Resp: 131891
Ion Ratio Lower Upper
77 100
123 34.7 34.4 51.6
65 13.7 11.2 16.8





#25
Isophorone
Concen: 44.409 ng
RT: 9.857 min Scan# 1106
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Instrument :

BNA_G

ClientSampleId :

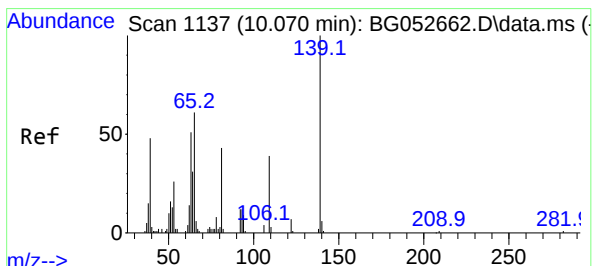
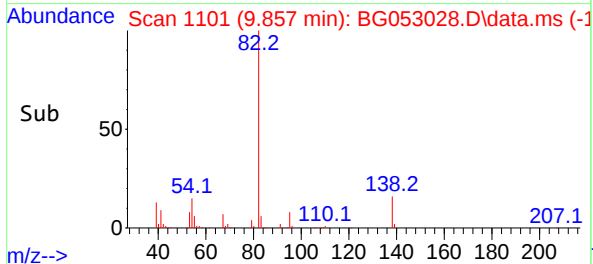
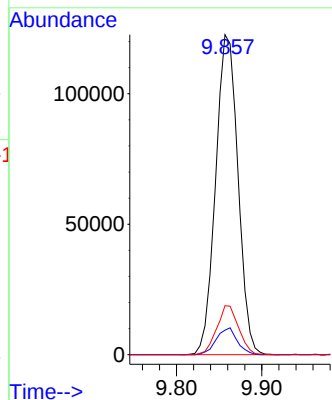
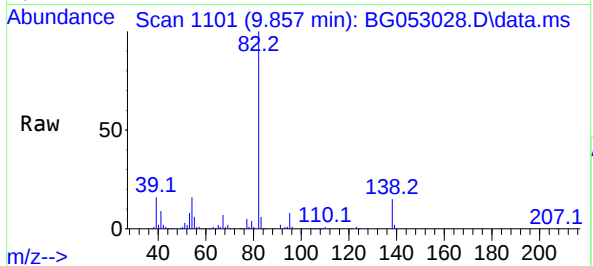
PB143836BS

Tgt Ion: 82 Resp: 223438
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.6
138 15.3 12.6 18.8

Manual Integrations

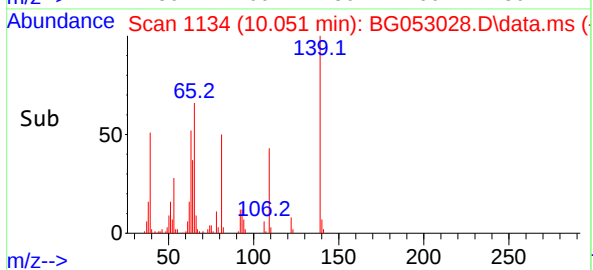
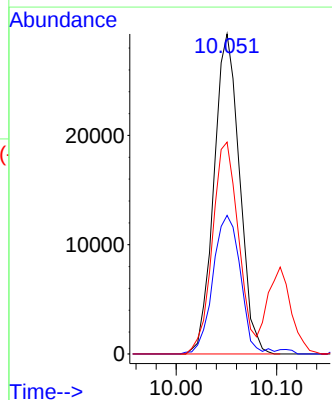
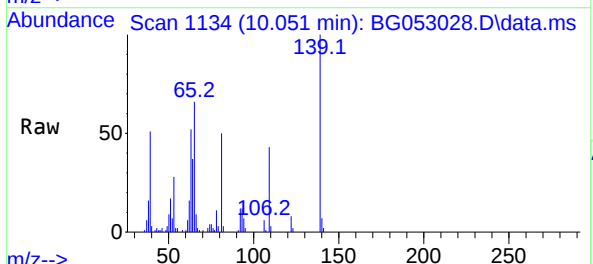
APPROVED

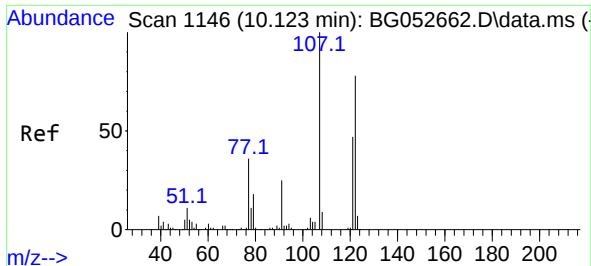
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#26
2-Nitrophenol
Concen: 57.477 ng
RT: 10.051 min Scan# 1134
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Tgt Ion:139 Resp: 51894
Ion Ratio Lower Upper
139 100
109 43.3 29.4 44.0
65 66.2 48.2 72.2





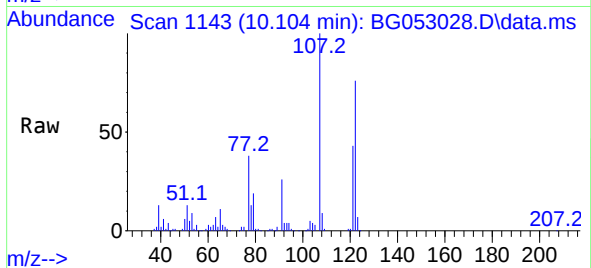
#27
2,4-Dimethylphenol
Concen: 48.476 ng
RT: 10.104 min Scan# 1143
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Instrument :

BNA_G

ClientSampleId :

PB143836BS

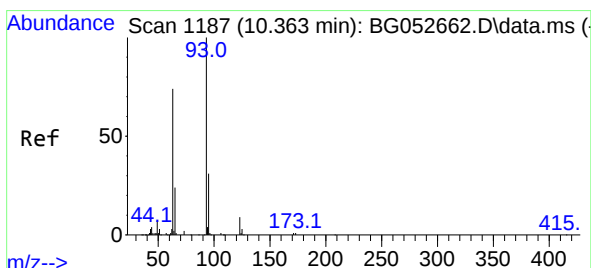
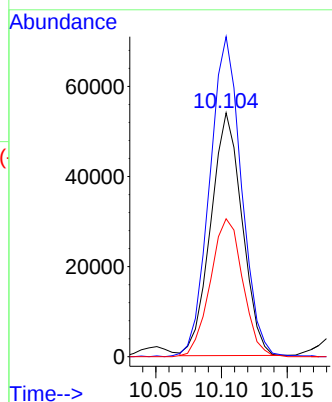
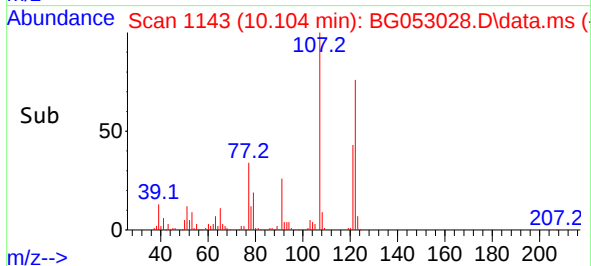


Tgt Ion:122 Resp: 89540
Ion Ratio Lower Upper
122 100
107 131.2 96.7 145.1
121 56.6 46.3 69.5

Manual Integrations

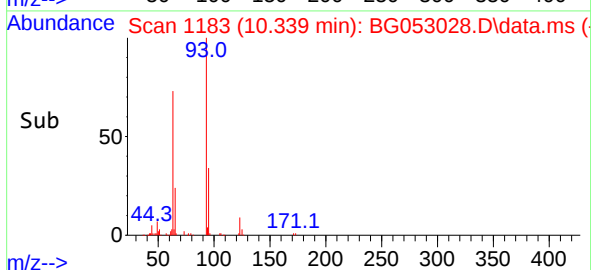
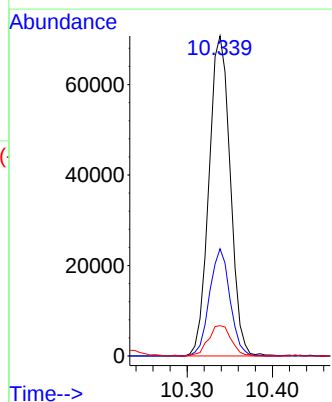
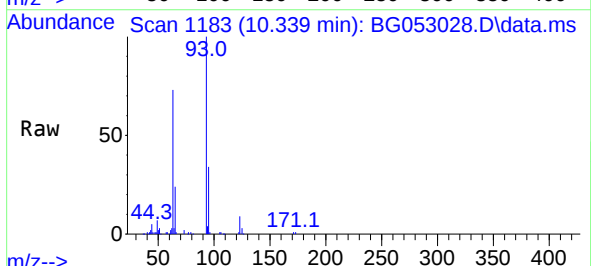
APPROVED

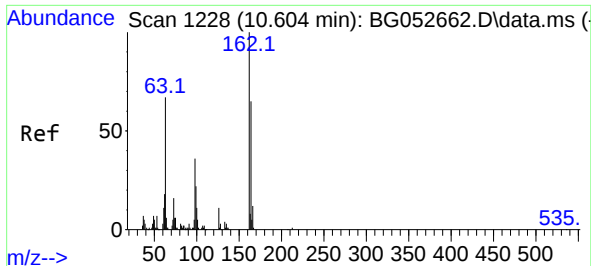
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#28
bis(2-Chloroethoxy)methane
Concen: 41.187 ng
RT: 10.339 min Scan# 1183
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Tgt Ion: 93 Resp: 122532
Ion Ratio Lower Upper
93 100
95 33.5 26.5 39.7
123 9.4 8.6 12.8





#29
2,4-Dichlorophenol
Concen: 48.258 ng
RT: 10.585 min Scan# 1225
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Instrument :

BNA_G

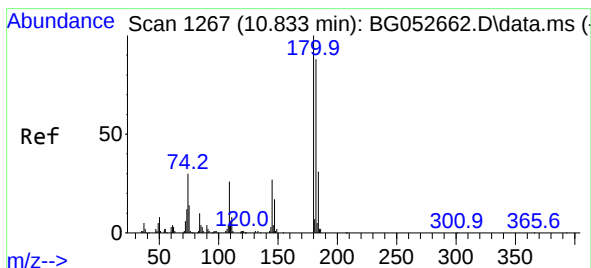
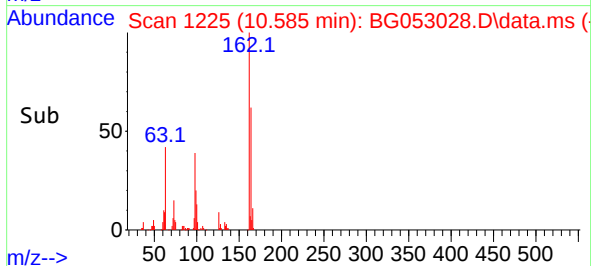
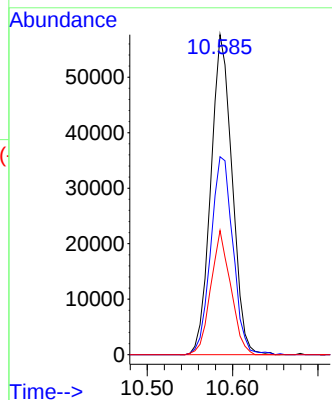
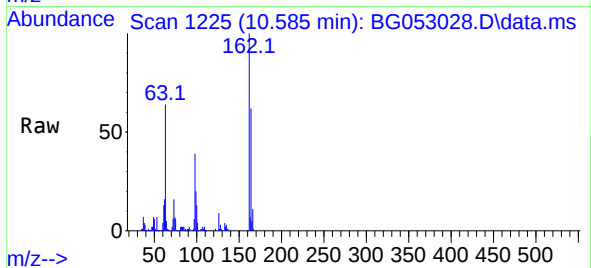
ClientSampleId :

PB143836BS

Tgt Ion:162 Resp: 10030
Ion Ratio Lower Upper
162 100
164 61.9 44.0 84.0
98 38.8 17.3 57.3

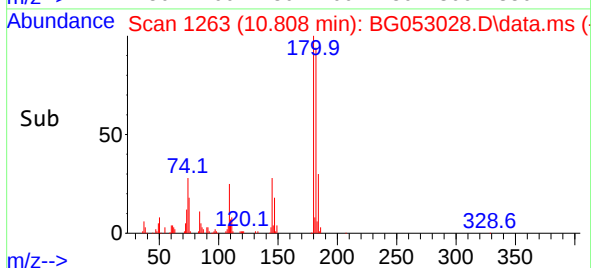
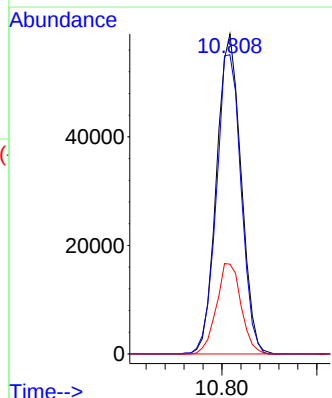
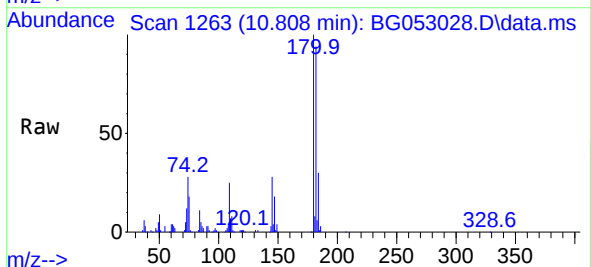
Manual Integrations
APPROVED

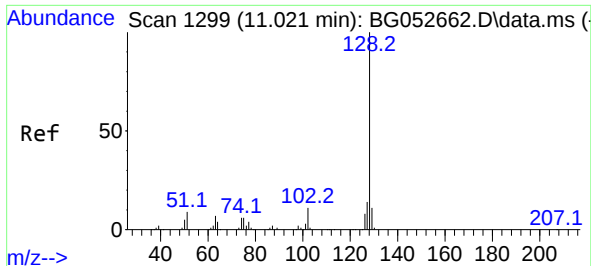
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#30
1,2,4-Trichlorobenzene
Concen: 43.083 ng
RT: 10.808 min Scan# 1263
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

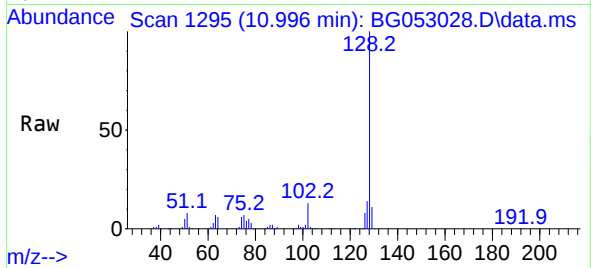
Tgt Ion:180 Resp: 105635
Ion Ratio Lower Upper
180 100
182 93.5 77.8 116.6
145 28.0 24.4 36.6





#31
Naphthalene
Concen: 41.793 ng
RT: 10.996 min Scan# 1165
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

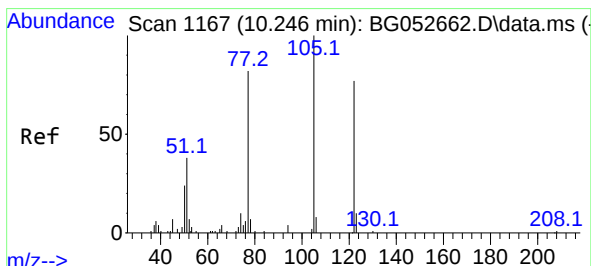
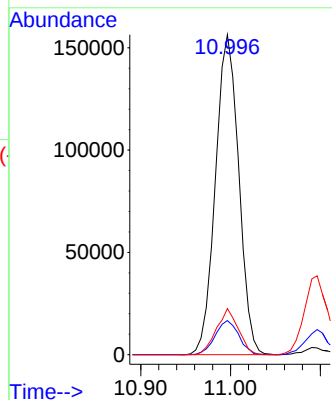
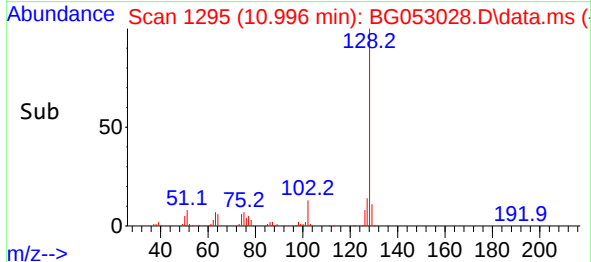
Instrument :
BNA_G
ClientSampleId :
PB143836BS



Tgt Ion:128 Resp: 28185
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 14.4 10.5 15.7

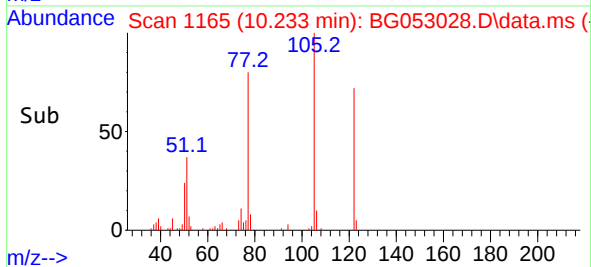
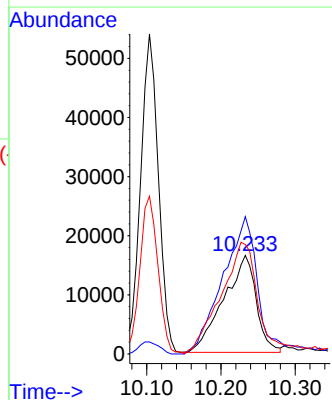
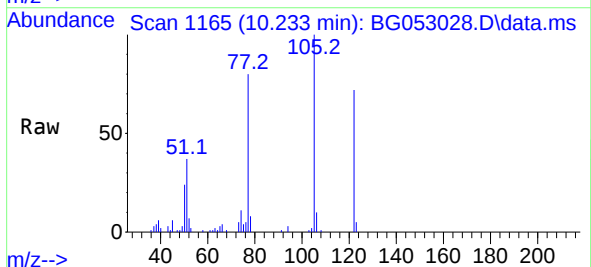
Manual Integrations
APPROVED

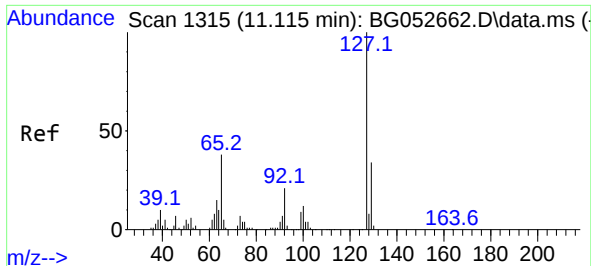
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#32
Benzoic acid
Concen: 37.863 ng
RT: 10.233 min Scan# 1165
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Tgt Ion:122 Resp: 50071
Ion Ratio Lower Upper
122 100
105 139.4 112.8 152.8
77 111.2 78.4 118.4





#33
4-Chloroaniline
Concen: 24.552 ng
RT: 11.096 min Scan# 11096
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Instrument :

BNA_G

ClientSampleId :

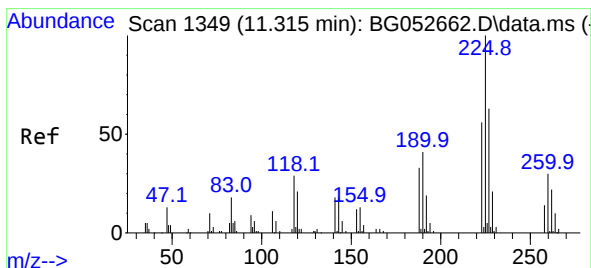
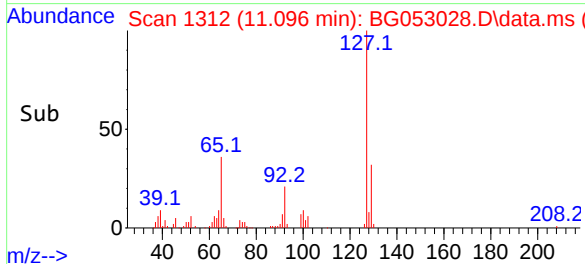
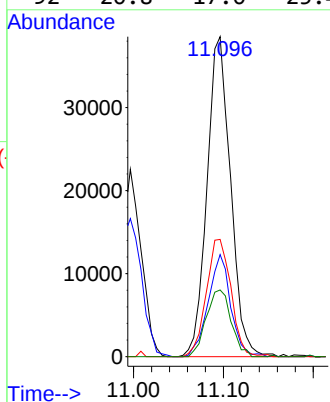
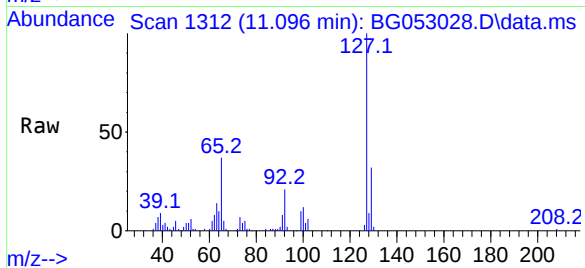
PB143836BS

Tgt Ion:127 Resp: 70178
Ion Ratio Lower Upper
127 100
129 31.9 27.6 41.4
65 36.6 28.2 42.4
92 20.8 17.0 25.4

Manual Integrations

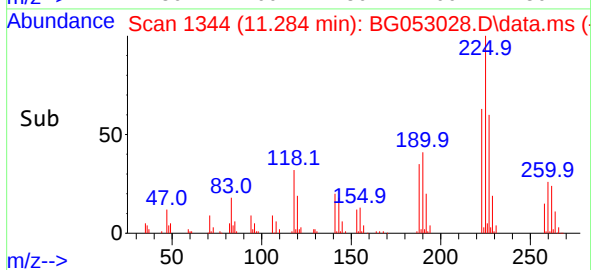
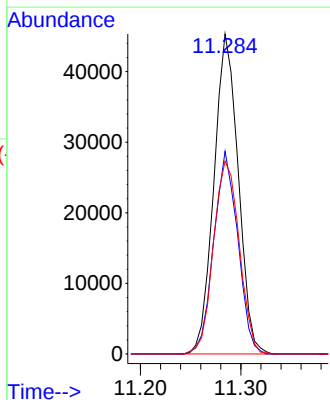
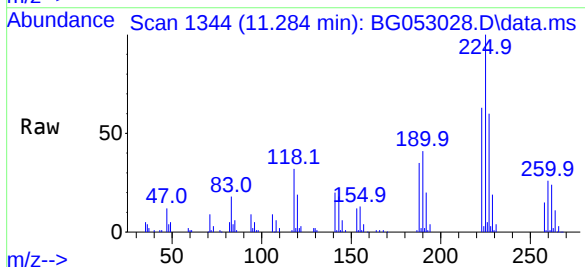
APPROVED

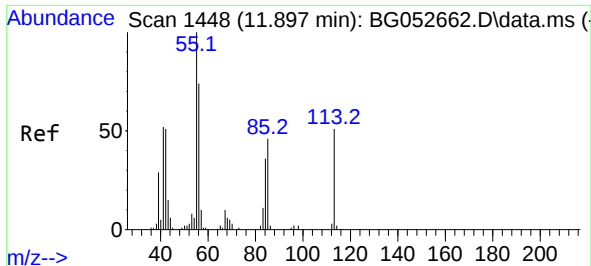
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#34
Hexachlorobutadiene
Concen: 43.289 ng
RT: 11.284 min Scan# 1344
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

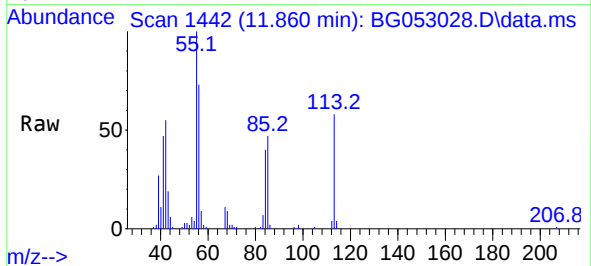
Tgt Ion:225 Resp: 76099
Ion Ratio Lower Upper
225 100
223 63.3 50.2 75.2
227 60.3 52.0 78.0





#35
Caprolactam
Concen: 59.130 ng m
RT: 11.860 min Scan# 14
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

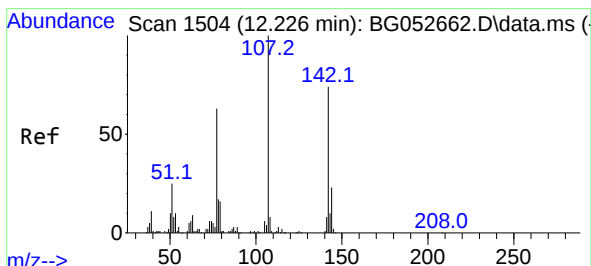
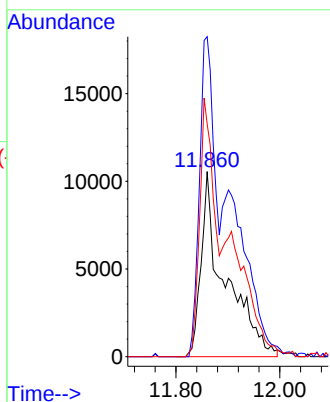
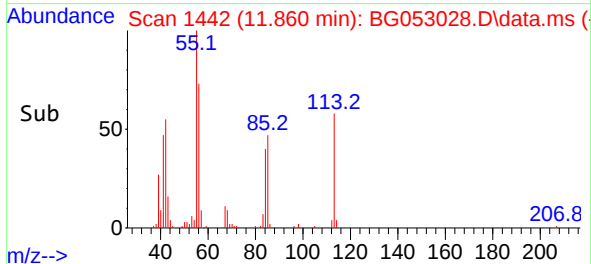
Instrument :
BNA_G
ClientSampleId :
PB143836BS



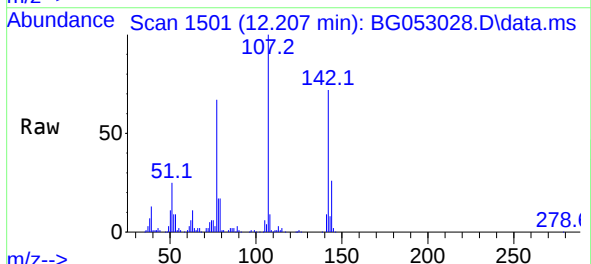
Tgt Ion:113 Resp: 3355
Ion Ratio Lower Upper
113 100
55 172.9 151.3 191.3
56 125.8 128.5 168.5

Manual Integrations
APPROVED

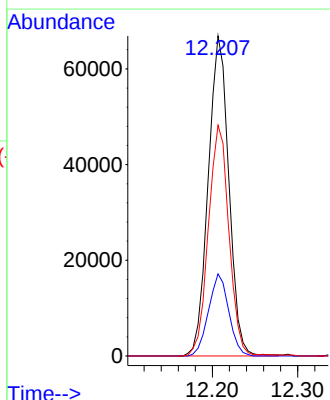
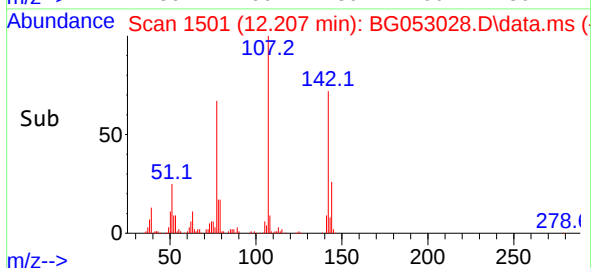
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

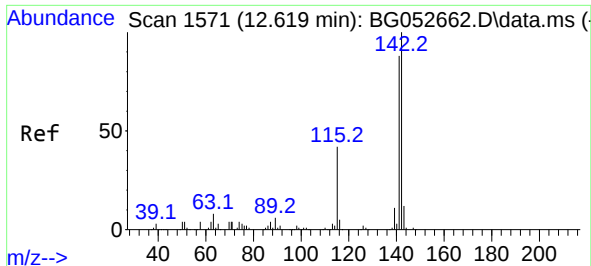


#36
4-Chloro-3-methylphenol
Concen: 46.525 ng
RT: 12.207 min Scan# 1501
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38



Tgt Ion:107 Resp: 112291
Ion Ratio Lower Upper
107 100
144 25.7 21.4 32.0
142 72.1 61.7 92.5





#37

2-Methylnaphthalene

Concen: 43.165 ng

RT: 12.594 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG053028.D

Acq: 5 Apr 2022 12:38

Instrument :

BNA_G

ClientSampleId :

PB143836BS

Tgt Ion:142 Resp: 21318

Ion Ratio Lower Upper

142 100

141 90.7 71.3 106.9

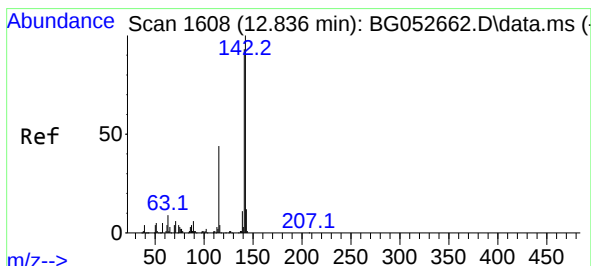
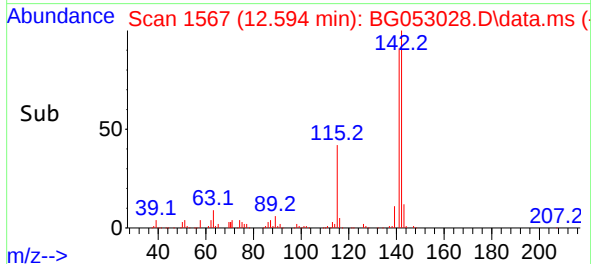
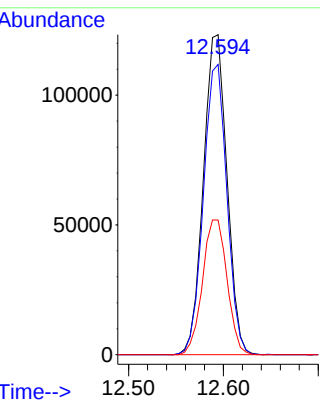
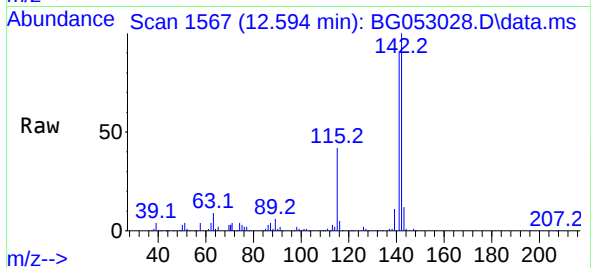
115 42.1 29.5 44.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/06/2022

Supervised By :Jagrut Upadhyay 04/06/2022



#38

1-Methylnaphthalene

Concen: 41.377 ng

RT: 12.812 min Scan# 1604

Delta R.T. 0.005 min

Lab File: BG053028.D

Acq: 5 Apr 2022 12:38

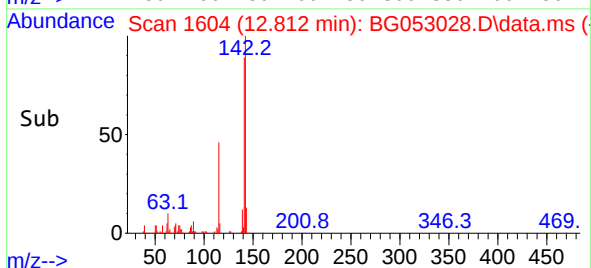
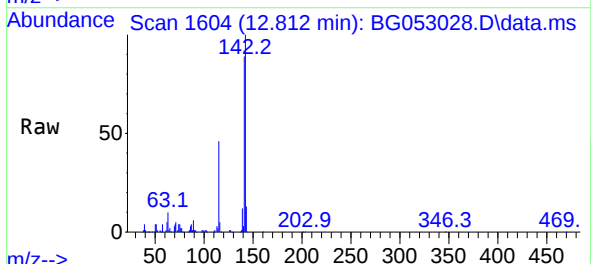
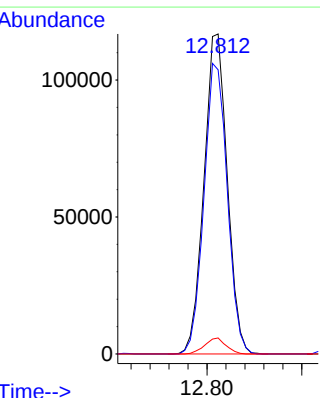
Tgt Ion:142 Resp: 199446

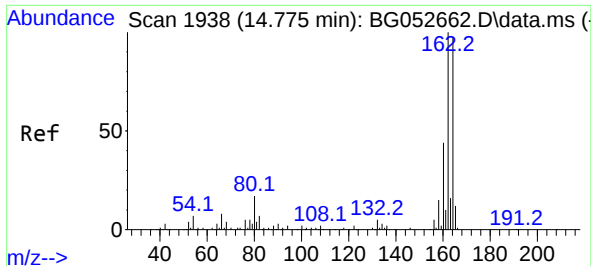
Ion Ratio Lower Upper

142 100

141 88.8 70.5 105.7

116 5.0 3.1 4.7#





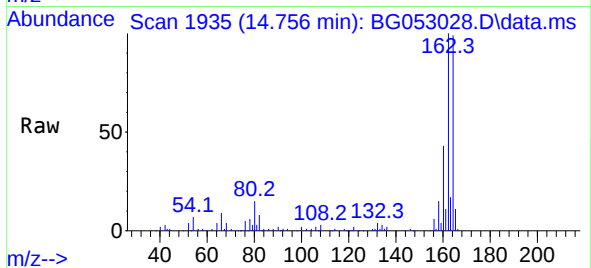
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.756 min Scan# 14756
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Instrument :

BNA_G

ClientSampleId :

PB143836BS

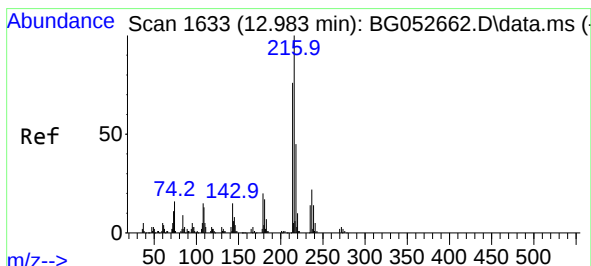
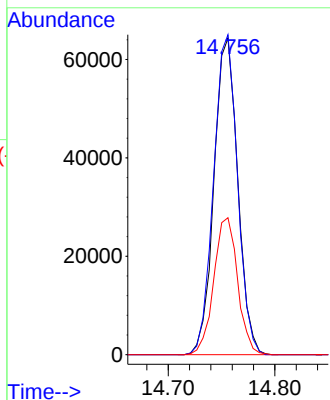
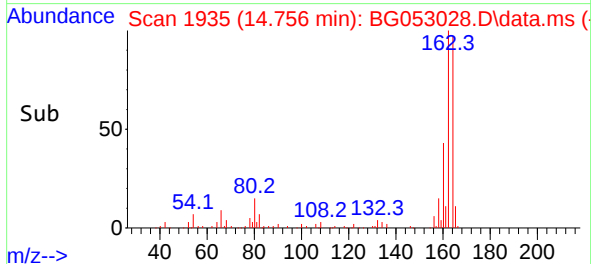


Tgt Ion:164 Resp: 9932
Ion Ratio Lower Upper
164 100
162 101.1 80.0 120.0
160 43.3 38.8 58.2

Manual Integrations

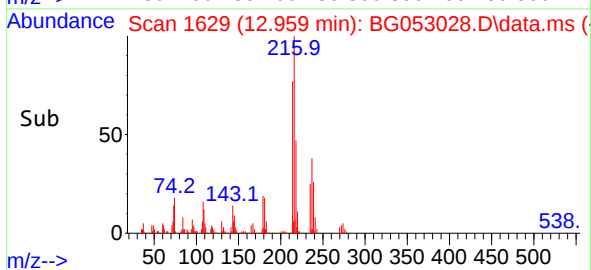
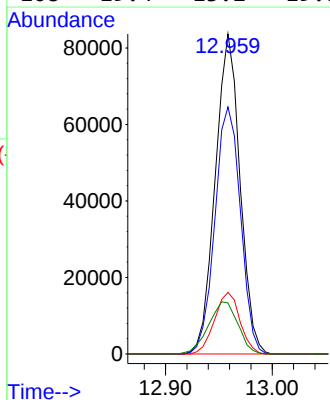
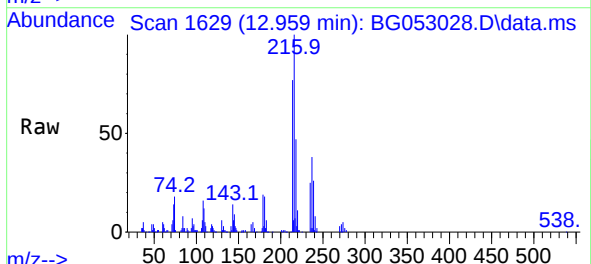
APPROVED

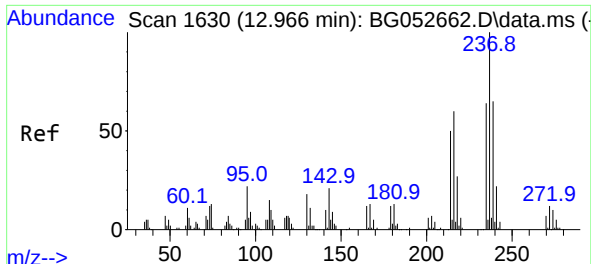
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.420 ng
RT: 12.959 min Scan# 1629
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

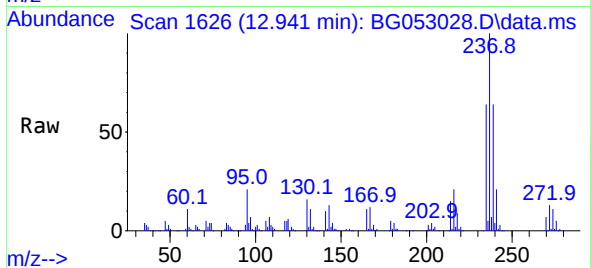
Tgt Ion:216 Resp: 134733
Ion Ratio Lower Upper
216 100
214 79.7 63.8 95.6
179 19.7 15.7 23.5
108 19.4 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 96.921 ng
RT: 12.941 min Scan# 10
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

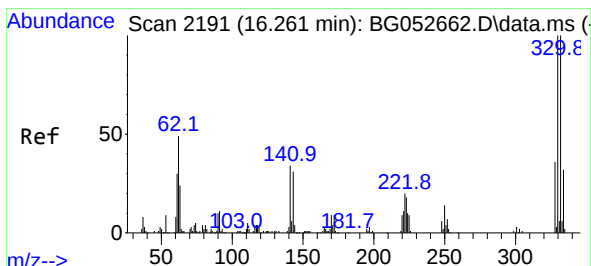
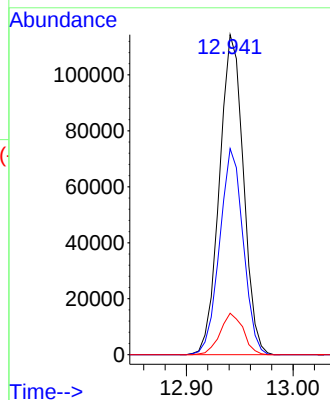
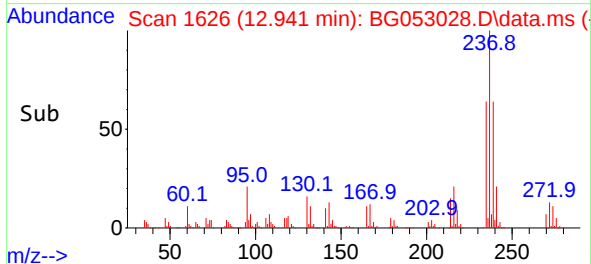
Instrument :
BNA_G
ClientSampleId :
PB143836BS



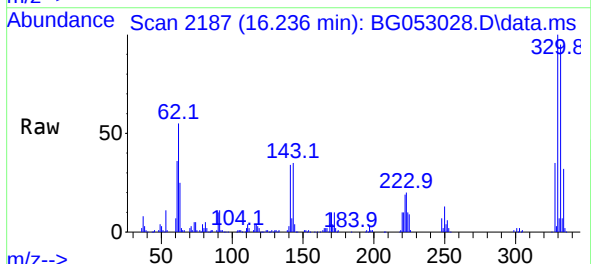
Tgt Ion:237 Resp: 17826
Ion Ratio Lower Upper
237 100
235 64.4 37.7 77.7
272 13.0 0.0 30.7

Manual Integrations
APPROVED

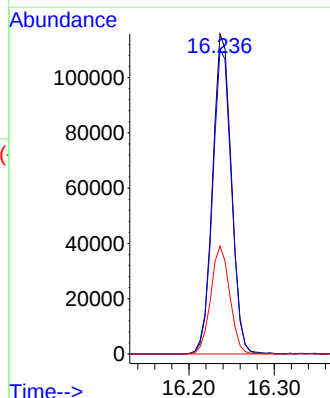
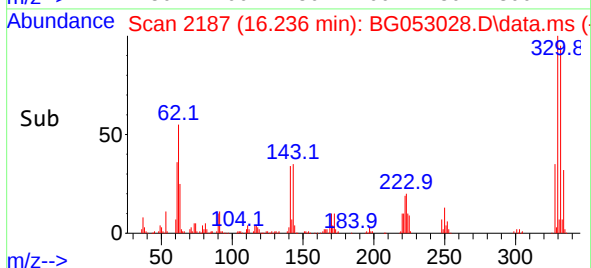
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

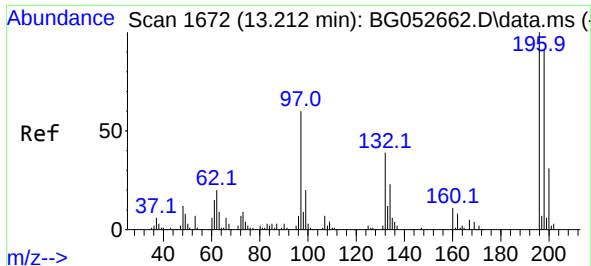


#42
2,4,6-Tribromophenol
Concen: 132.727 ng
RT: 16.236 min Scan# 2187
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38



Tgt Ion:330 Resp: 177139
Ion Ratio Lower Upper
330 100
332 95.4 75.8 113.6
141 34.1 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 46.150 ng
RT: 13.193 min Scan# 1669
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Instrument :

BNA_G

ClientSampleId :

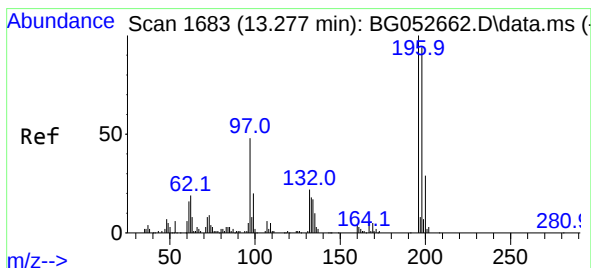
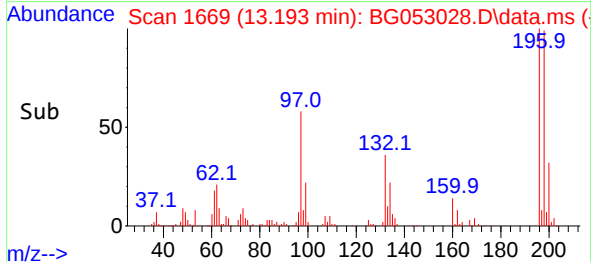
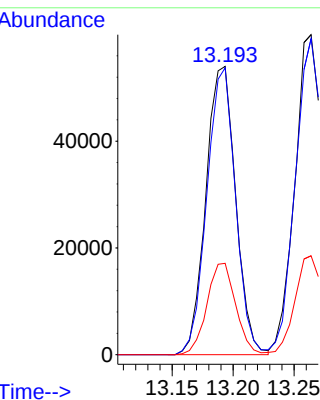
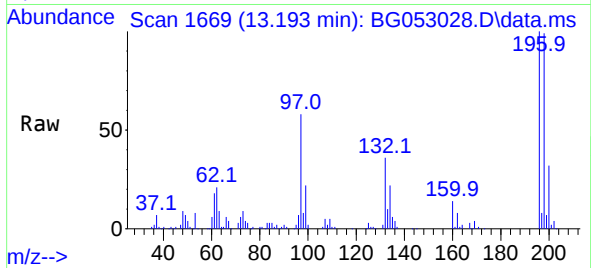
PB143836BS

Tgt Ion:196 Resp: 91708
Ion Ratio Lower Upper
196 100
198 99.5 78.8 118.2
200 31.7 25.1 37.7

Manual Integrations

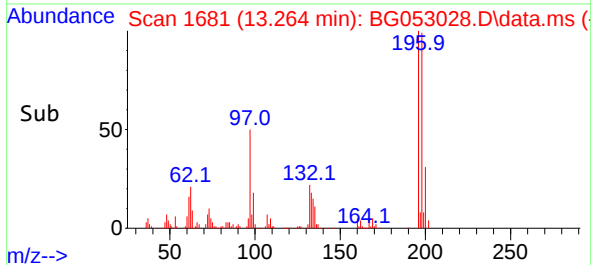
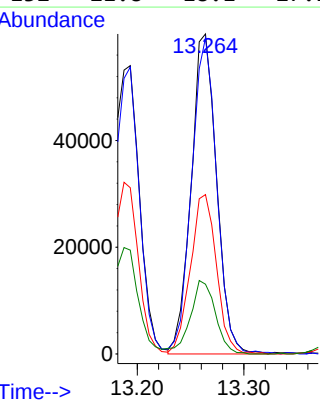
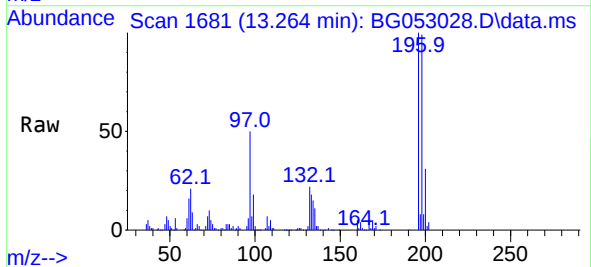
APPROVED

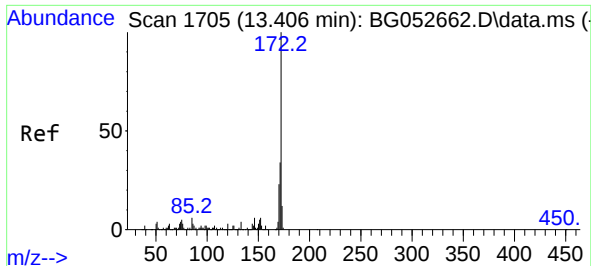
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#44
2,4,5-Trichlorophenol
Concen: 49.425 ng
RT: 13.264 min Scan# 1681
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Tgt Ion:196 Resp: 99688
Ion Ratio Lower Upper
196 100
198 98.7 75.8 113.6
97 49.8 36.5 54.7
132 21.8 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 77.910 ng
RT: 13.381 min Scan# 1736
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Instrument :

BNA_G

ClientSampleId :

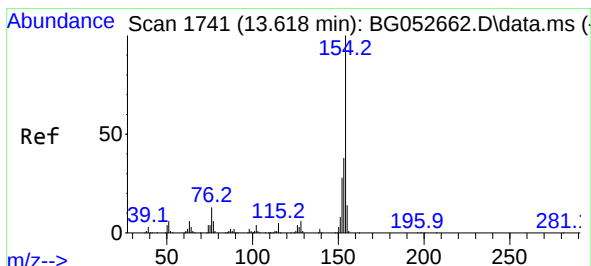
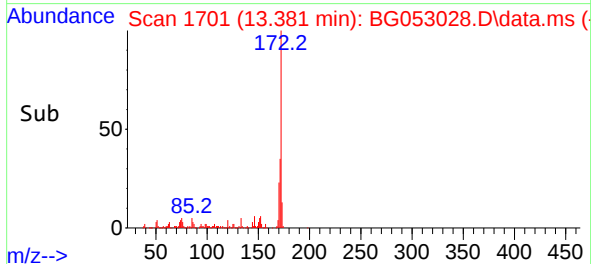
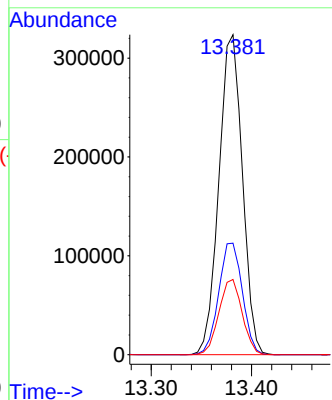
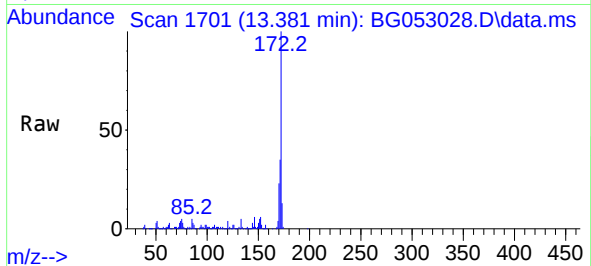
PB143836BS

Tgt Ion:172 Resp: 524670
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.5 18.0 27.0

Manual Integrations

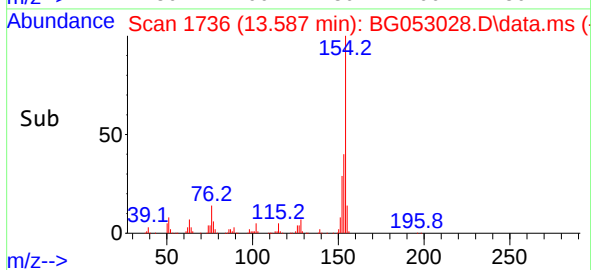
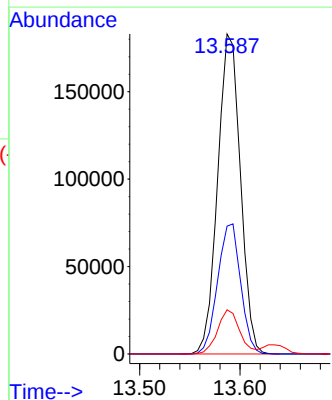
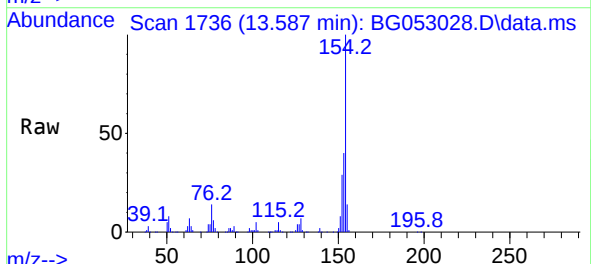
APPROVED

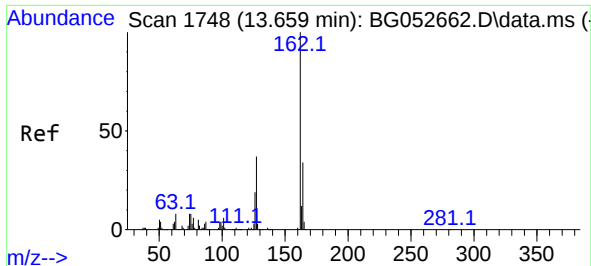
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#46
1,1'-Biphenyl
Concen: 41.383 ng
RT: 13.587 min Scan# 1736
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Tgt Ion:154 Resp: 287442
Ion Ratio Lower Upper
154 100
153 40.0 21.6 61.6
76 13.8 0.0 31.5





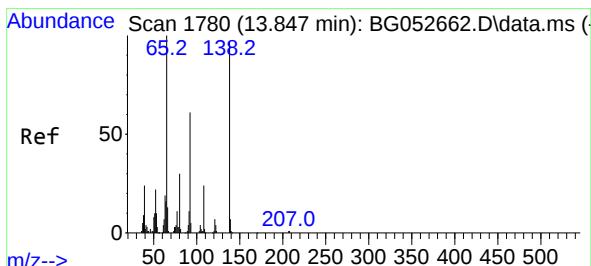
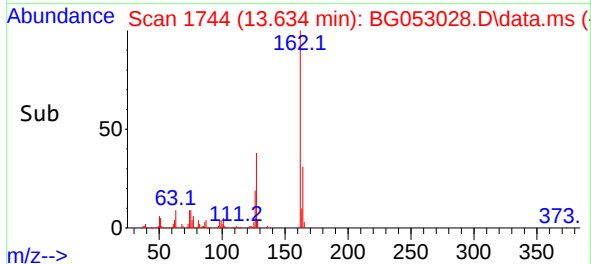
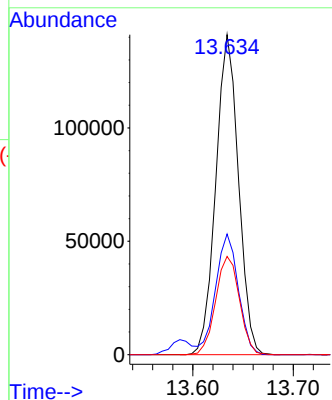
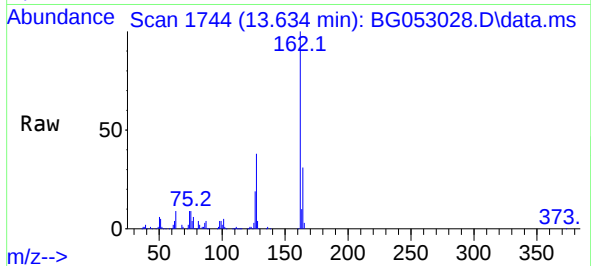
#47
2-Chloronaphthalene
Concen: 40.383 ng
RT: 13.634 min Scan# 1744
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Instrument :
BNA_G
ClientSampleId :
PB143836BS

Tgt Ion:162 Resp: 220894
Ion Ratio Lower Upper
162 100
127 37.7 28.1 42.1
164 30.7 26.0 39.0

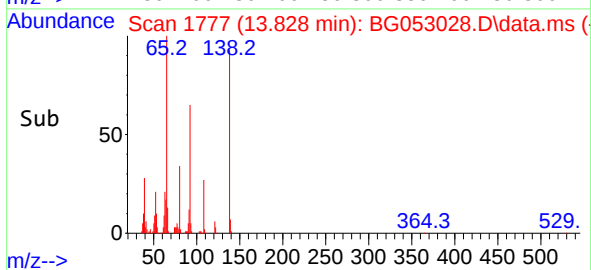
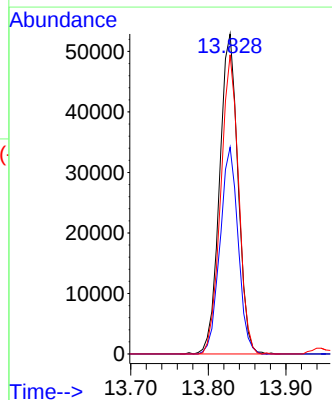
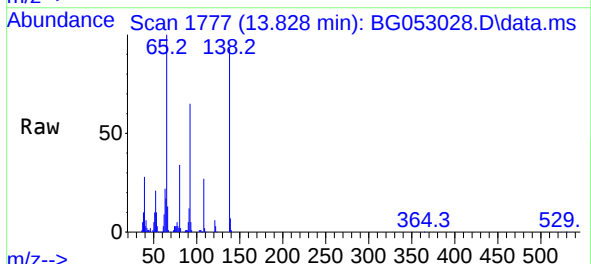
Manual Integrations
APPROVED

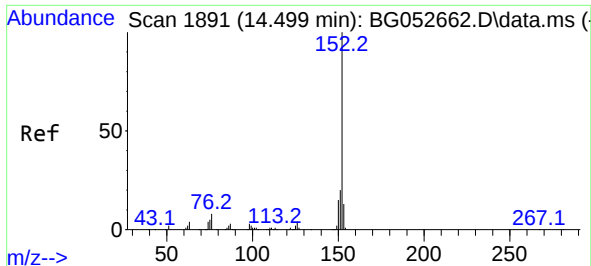
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#48
2-Nitroaniline
Concen: 58.494 ng
RT: 13.828 min Scan# 1777
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Tgt Ion: 65 Resp: 87505
Ion Ratio Lower Upper
65 100
92 64.6 52.1 78.1
138 93.5 80.1 120.1





#49
Acenaphthylene
Concen: 41.683 ng
RT: 14.474 min Scan# 1887
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Instrument :

BNA_G

ClientSampleId :

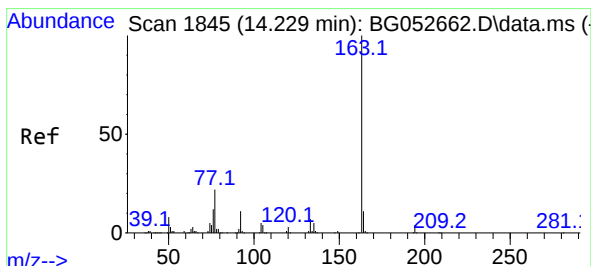
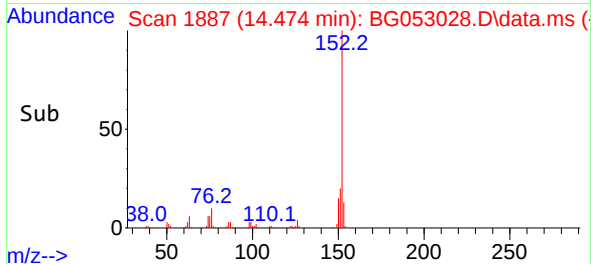
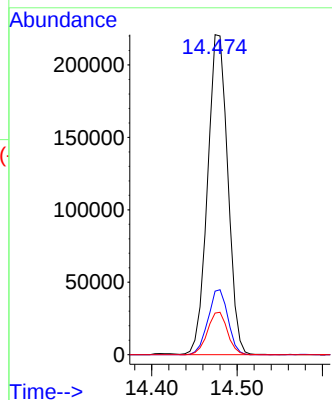
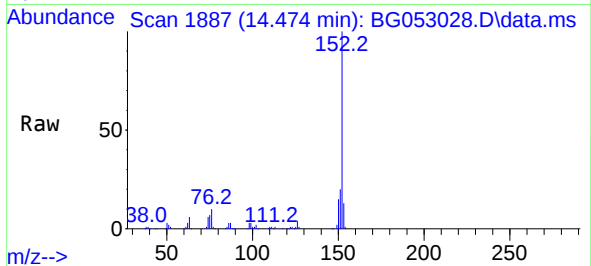
PB143836BS

Tgt Ion:152 Resp: 363462
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.0 10.6 15.8

Manual Integrations

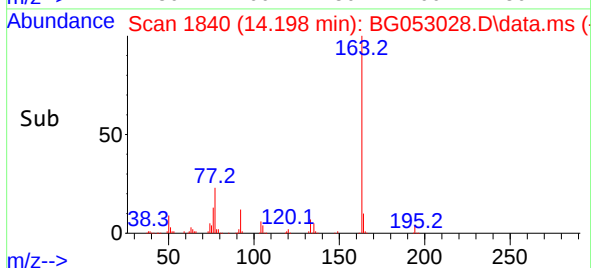
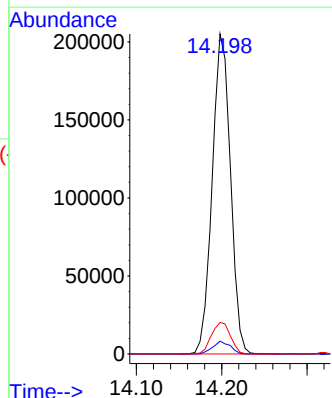
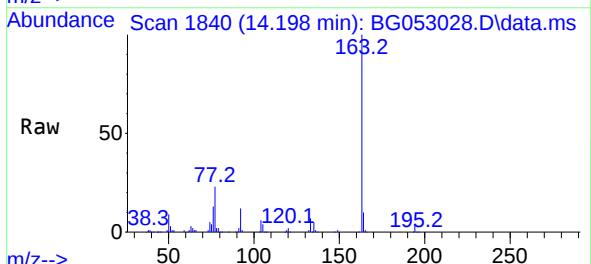
APPROVED

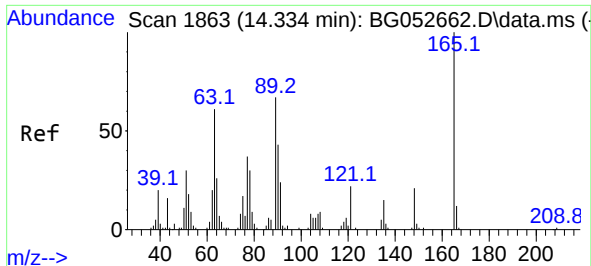
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#50
Dimethylphthalate
Concen: 41.273 ng
RT: 14.198 min Scan# 1840
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Tgt Ion:163 Resp: 304665
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 54.065 ng
RT: 14.316 min Scan# 1860
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Instrument :

BNA_G

ClientSampleId :

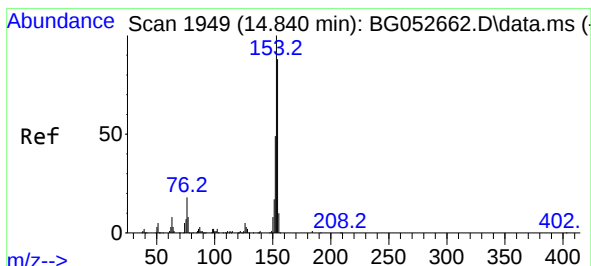
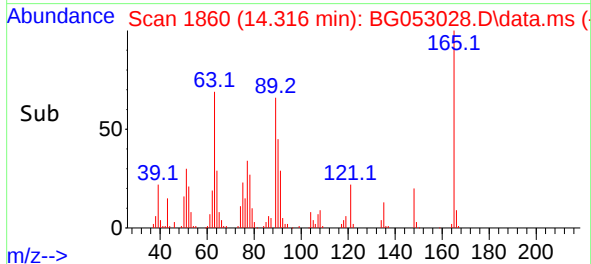
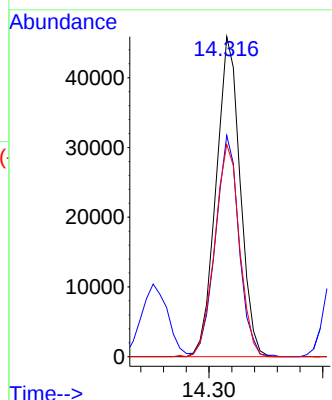
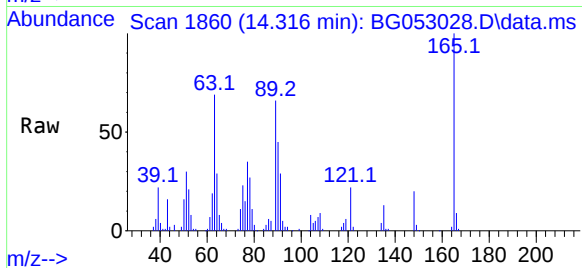
PB143836BS

Tgt Ion:165 Resp: 6738
Ion Ratio Lower Upper
165 100
63 69.1 43.7 65.5
89 66.3 45.0 67.4

Manual Integrations

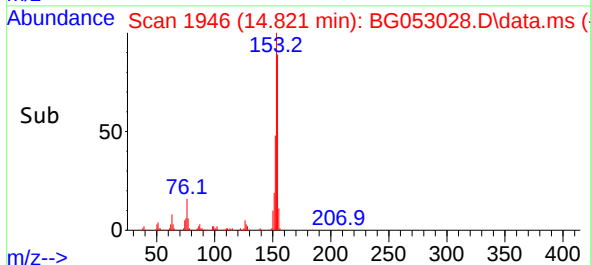
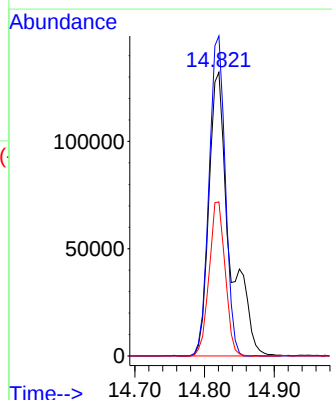
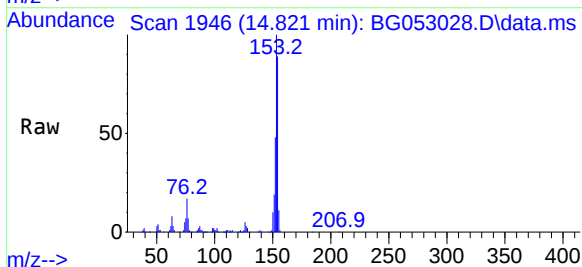
APPROVED

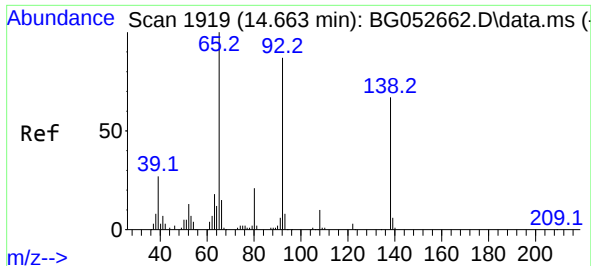
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#52
Acenaphthene
Concen: 49.044 ng m
RT: 14.821 min Scan# 1946
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

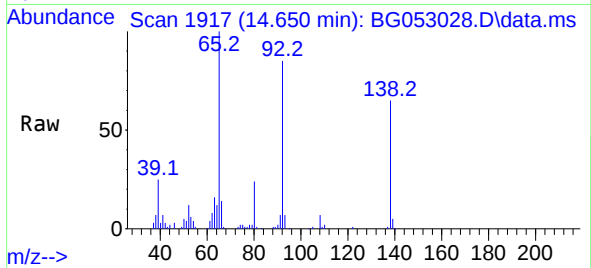
Tgt Ion:154 Resp: 273968
Ion Ratio Lower Upper
154 100
153 112.8 89.0 133.4
152 54.3 40.5 60.7





#53
3-Nitroaniline
Concen: 31.574 ng
RT: 14.650 min Scan# 1917
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

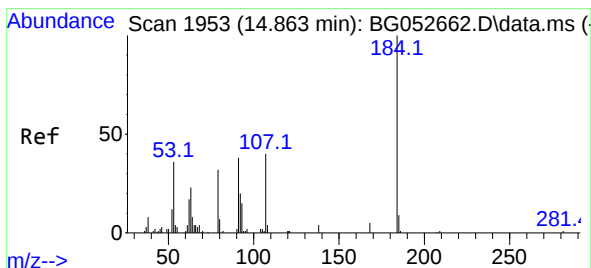
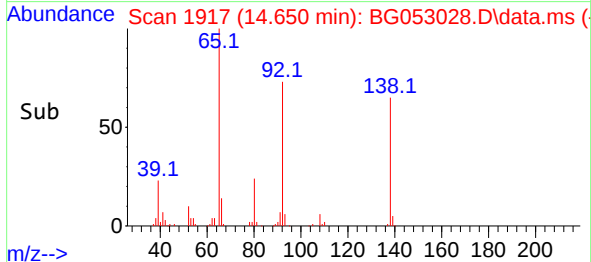
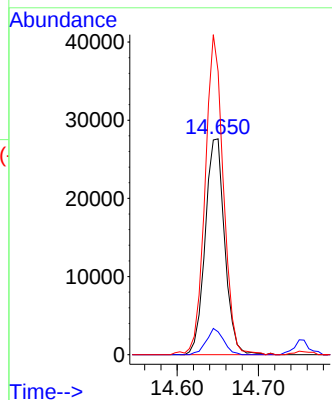
Instrument :
BNA_G
ClientSampleId :
PB143836BS



Tgt Ion:138 Resp: 4604
Ion Ratio Lower Upper
138 100
108 10.6 8.0 12.0
92 131.2 96.2 144.2

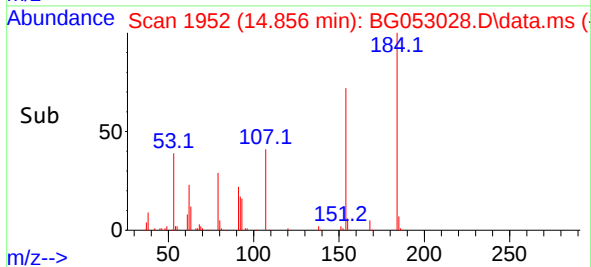
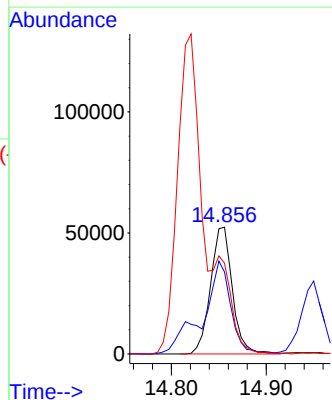
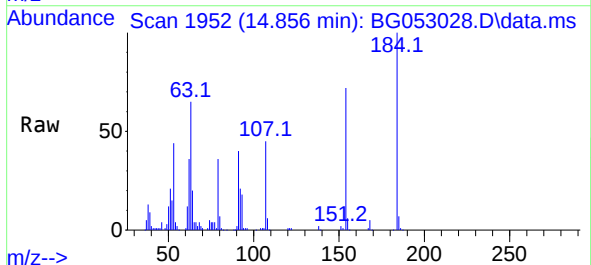
Manual Integrations
APPROVED

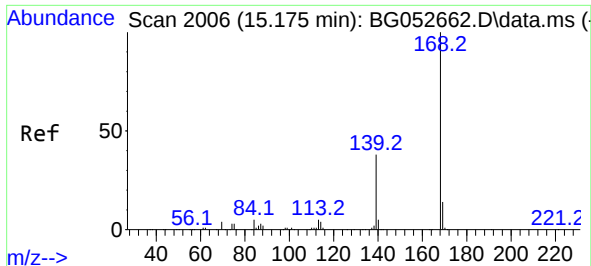
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#54
2,4-Dinitrophenol
Concen: 123.512 ng
RT: 14.856 min Scan# 1952
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Tgt Ion:184 Resp: 83907
Ion Ratio Lower Upper
184 100
63 64.7 51.8 77.6
154 71.7 47.8 71.6#





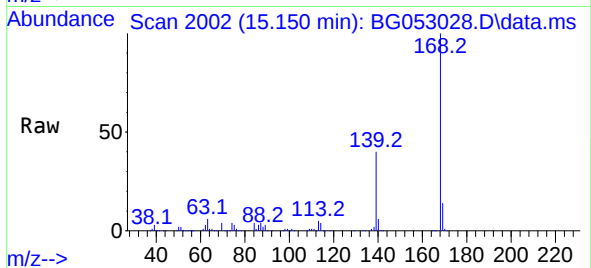
#55
Dibenzenofuran
Concen: 39.561 ng
RT: 15.150 min Scan# 2006
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Instrument :

BNA_G

ClientSampleId :

PB143836BS

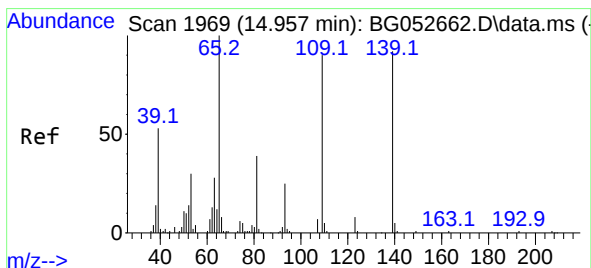
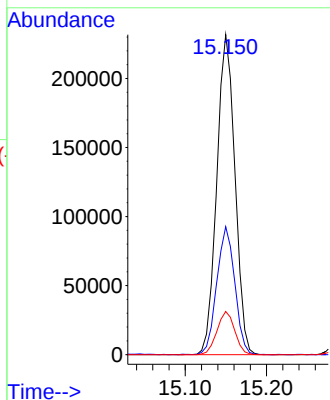
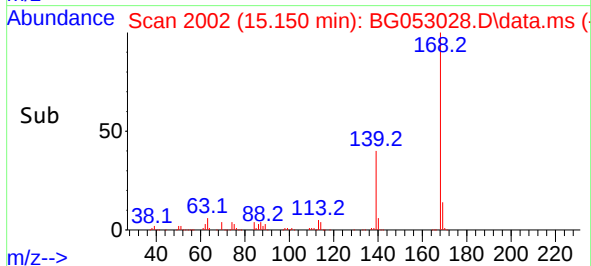


Tgt Ion:168 Resp: 36089
Ion Ratio Lower Upper
168 100
139 40.0 30.2 45.4
169 13.5 10.7 16.1

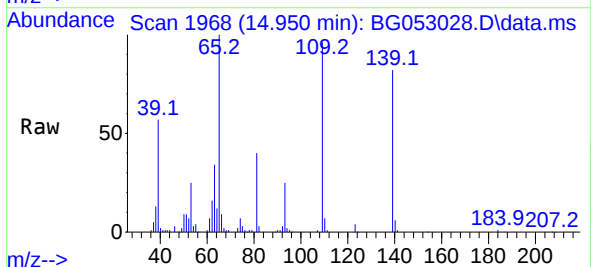
Manual Integrations

APPROVED

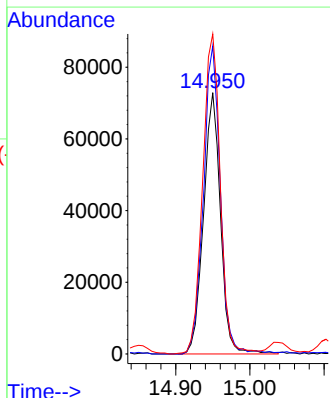
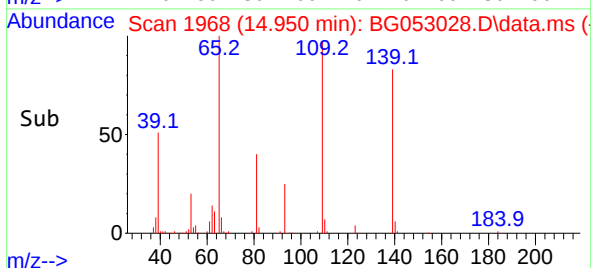
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

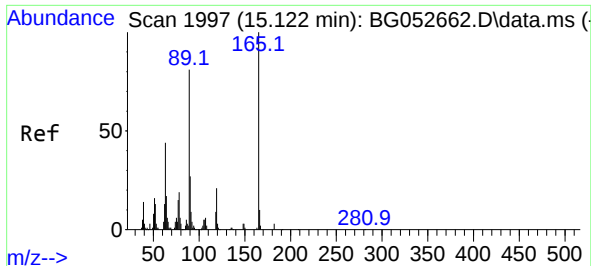


#56
4-Nitrophenol
Concen: 97.369 ng
RT: 14.950 min Scan# 1968
Delta R.T. 0.011 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38



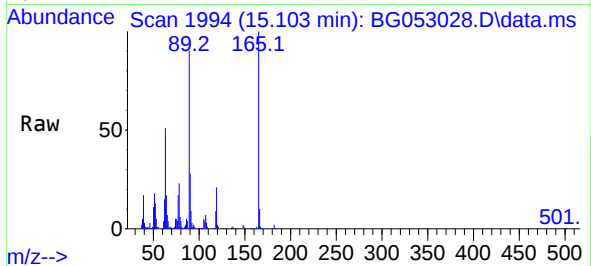
Tgt Ion:139 Resp: 115832
Ion Ratio Lower Upper
139 100
109 117.9 67.1 107.1#
65 122.5 88.2 128.2





#57
2,4-Dinitrotoluene
Concen: 55.956 ng
RT: 15.103 min Scan# 1994
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

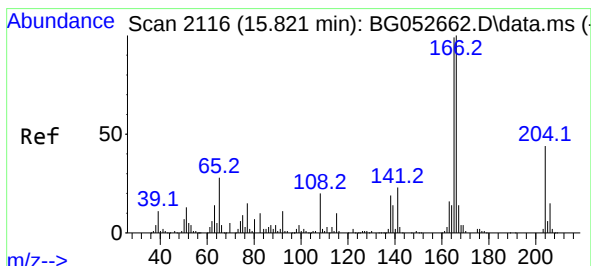
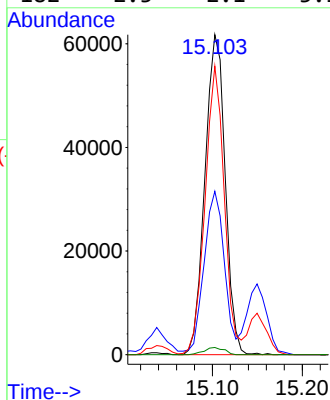
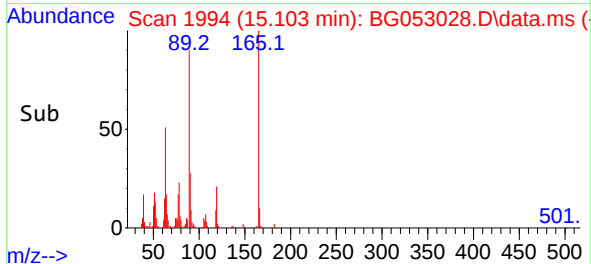
Instrument :
BNA_G
ClientSampleId :
PB143836BS



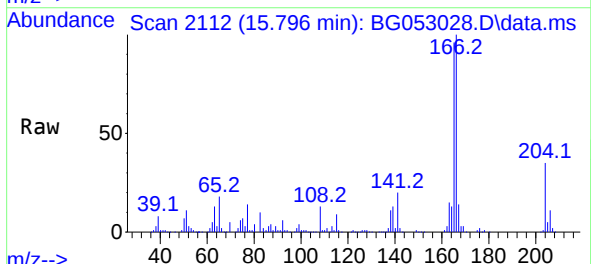
Tgt Ion:165 Resp: 96762
Ion Ratio Lower Upper
165 100
63 51.1 34.8 52.2
89 90.1 57.4 86.0
182 2.3 2.1 3.1

Manual Integrations
APPROVED

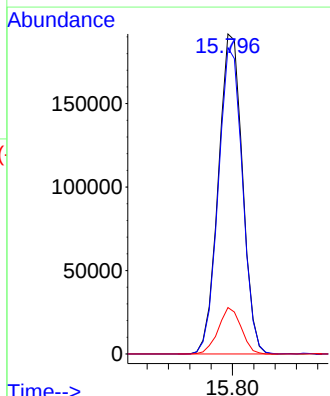
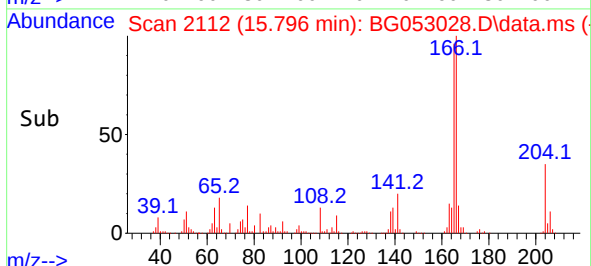
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

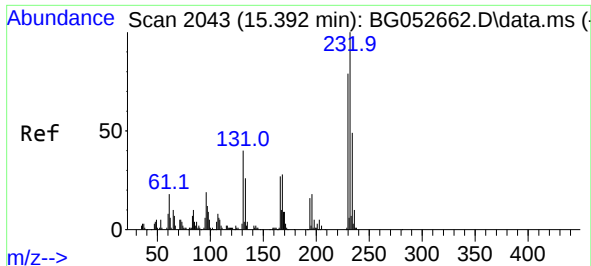


#58
Fluorene
Concen: 40.355 ng
RT: 15.796 min Scan# 2112
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38



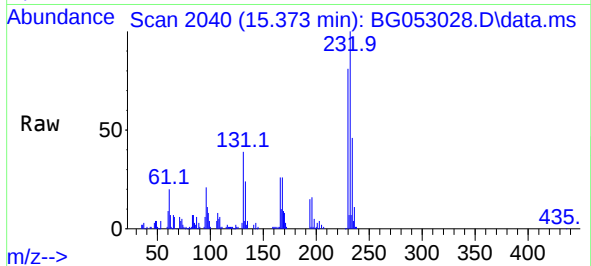
Tgt Ion:166 Resp: 300085
Ion Ratio Lower Upper
166 100
165 95.7 78.6 117.8
167 14.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.707 ng
RT: 15.373 min Scan# 2043
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

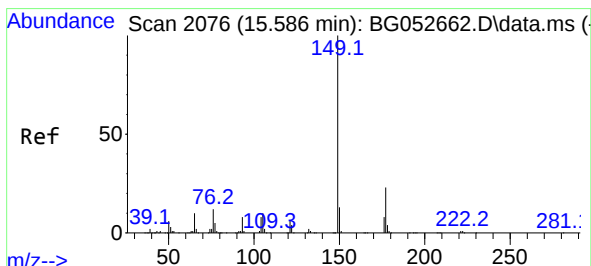
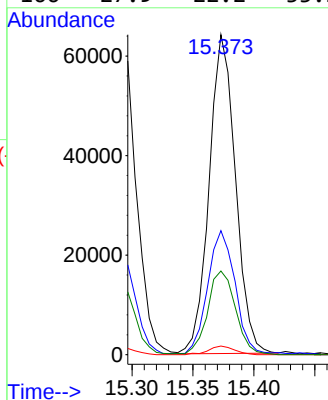
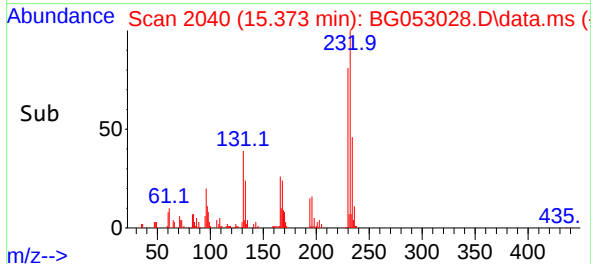
Instrument :
BNA_G
ClientSampleId :
PB143836BS



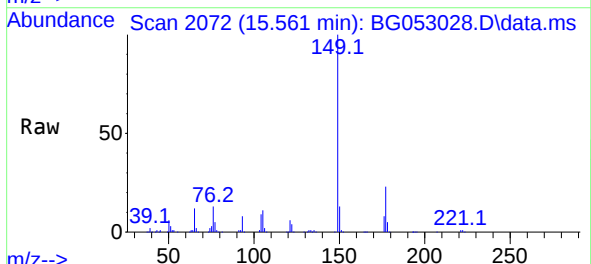
Tgt Ion:232 Resp: 9638
Ion Ratio Lower Upper
232 100
131 40.3 30.1 45.1
130 2.7 1.8 2.8
166 27.9 22.2 33.2

Manual Integrations
APPROVED

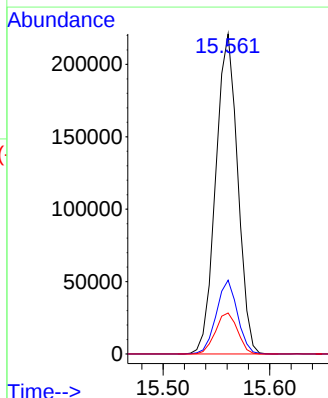
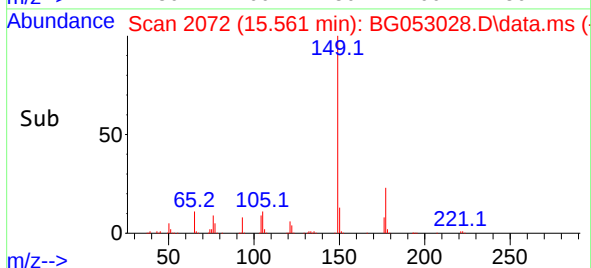
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

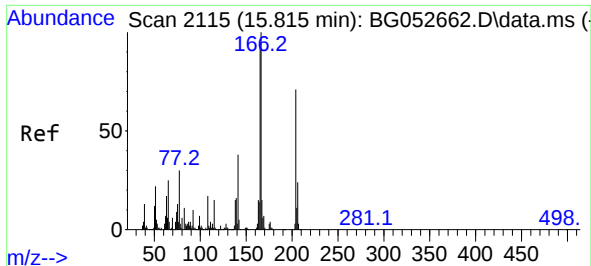


#60
Diethylphthalate
Concen: 40.448 ng
RT: 15.561 min Scan# 2072
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38



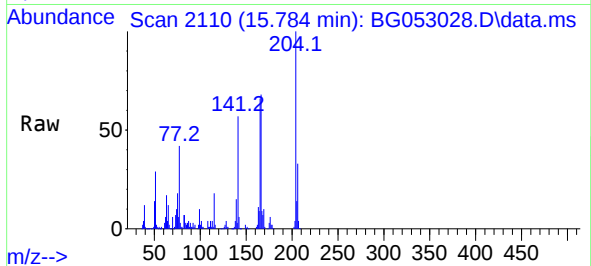
Tgt Ion:149 Resp: 315168
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.2
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 39.525 ng
RT: 15.784 min Scan# 2110
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

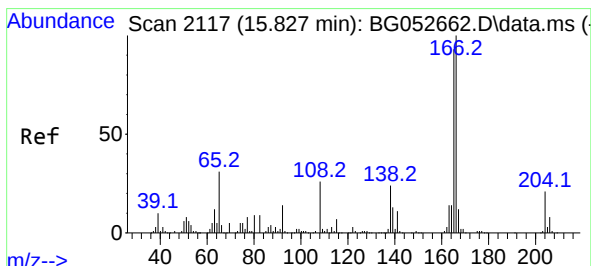
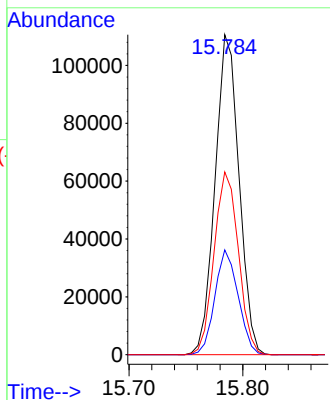
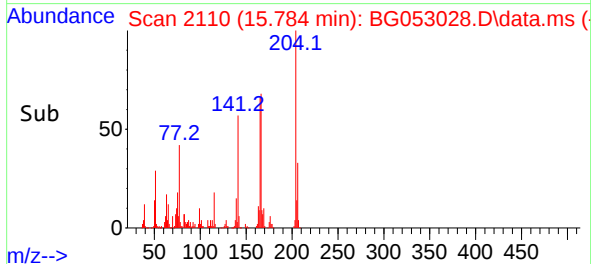
Instrument :
BNA_G
ClientSampleId :
PB143836BS



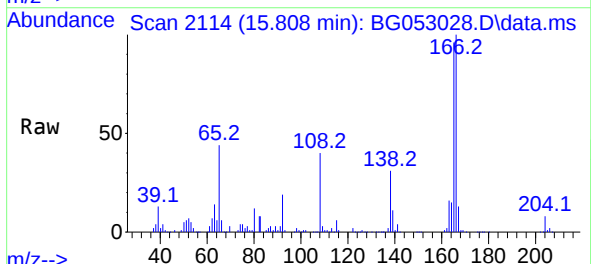
Tgt Ion:204 Resp: 16209
Ion Ratio Lower Upper
204 100
206 32.8 28.3 42.5
141 57.1 45.8 68.8

Manual Integrations
APPROVED

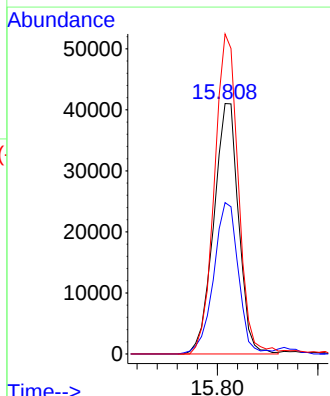
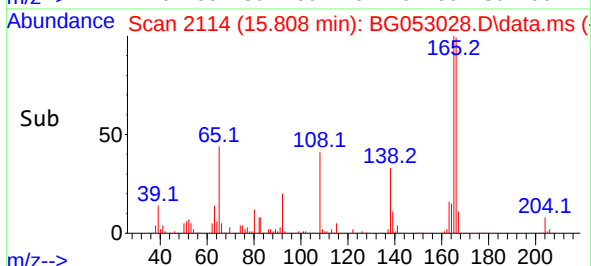
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

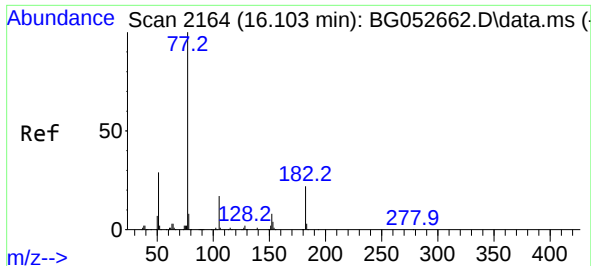


#62
4-Nitroaniline
Concen: 45.717 ng
RT: 15.808 min Scan# 2114
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38



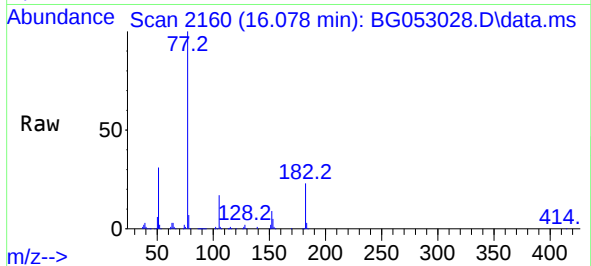
Tgt Ion:138 Resp: 70448
Ion Ratio Lower Upper
138 100
92 60.5 33.3 73.3
108 127.8 74.2 114.2#





#63
Azobenzene
Concen: 39.693 ng
RT: 16.078 min Scan# 2160
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

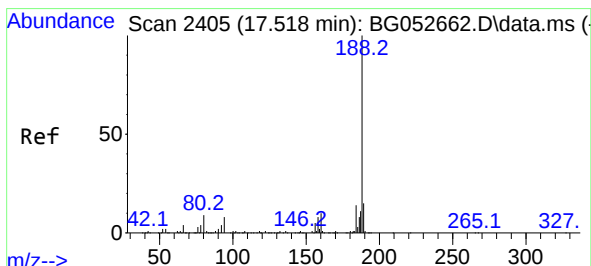
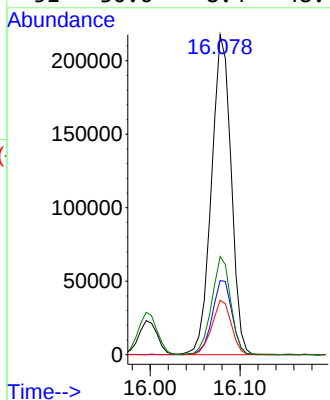
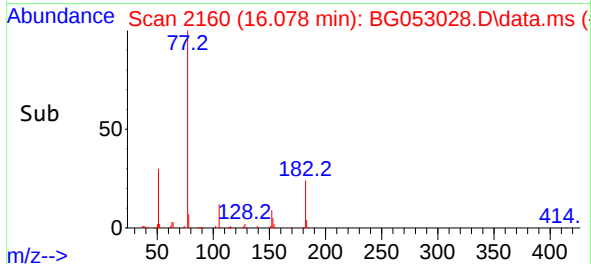
Instrument :
BNA_G
ClientSampleId :
PB143836BS



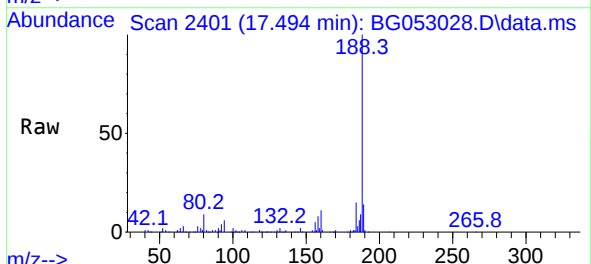
Tgt Ion: 77 Resp: 330574
Ion Ratio Lower Upper
77 100
182 23.2 5.6 45.6
105 17.0 0.0 38.8
51 30.6 8.4 48.4

Manual Integrations
APPROVED

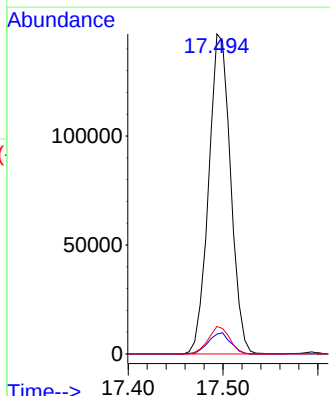
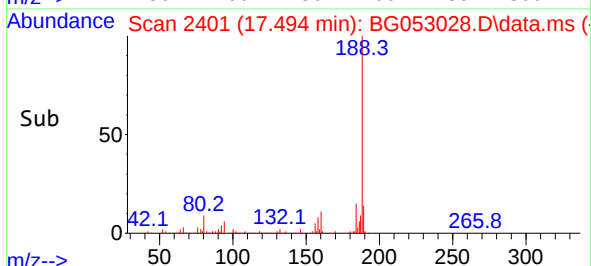
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

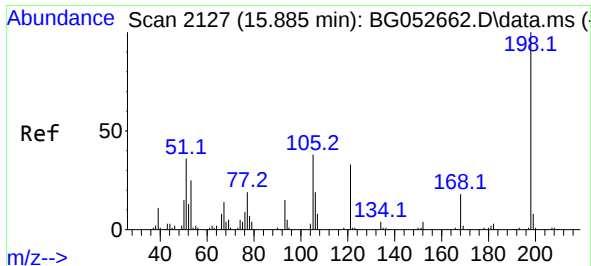


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.494 min Scan# 2401
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38



Tgt Ion:188 Resp: 235839
Ion Ratio Lower Upper
188 100
94 6.2 5.7 8.5
80 8.6 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 56.659 ng
RT: 15.866 min Scan# 2117
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Instrument :

BNA_G

ClientSampleId :

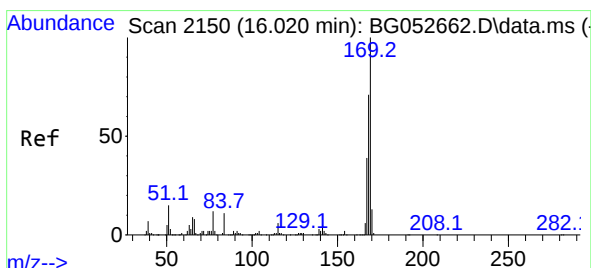
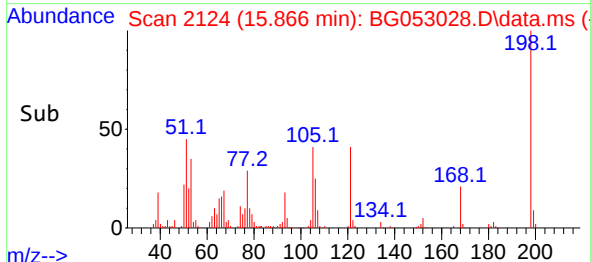
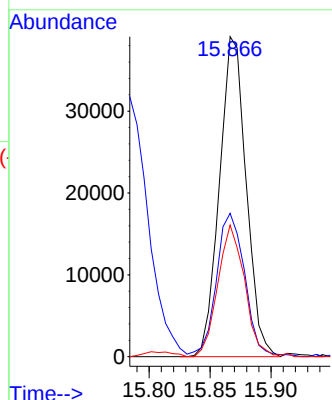
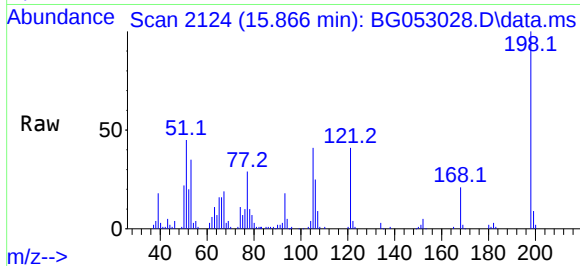
PB143836BS

Tgt Ion:198 Resp: 59572
Ion Ratio Lower Upper
198 100
51 44.8 21.7 61.7
105 41.1 20.8 60.8

Manual Integrations

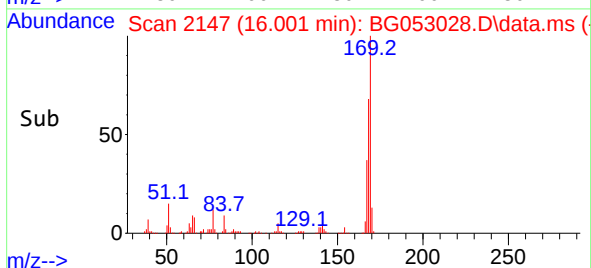
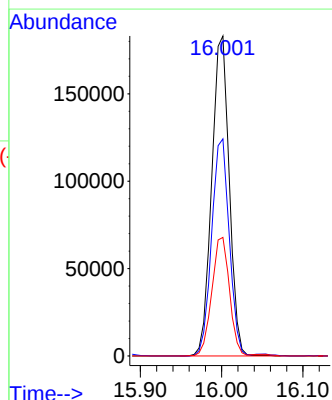
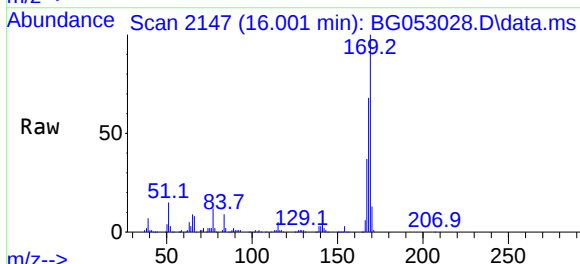
APPROVED

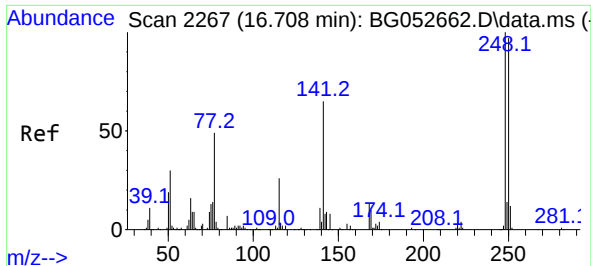
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#66
n-Nitrosodiphenylamine
Concen: 41.200 ng
RT: 16.001 min Scan# 2147
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Tgt Ion:169 Resp: 273551
Ion Ratio Lower Upper
169 100
168 67.8 54.5 81.7
167 37.0 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 42.299 ng
RT: 16.683 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Instrument :

BNA_G

ClientSampleId :

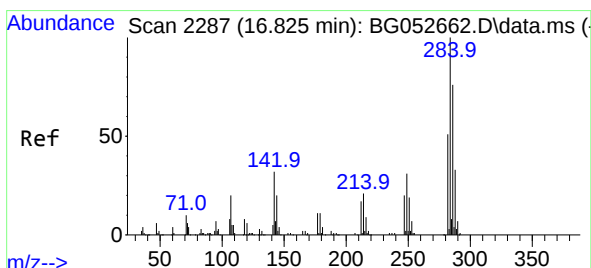
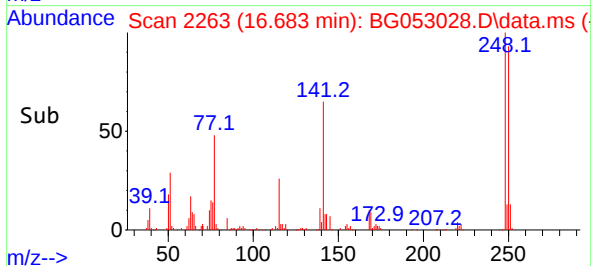
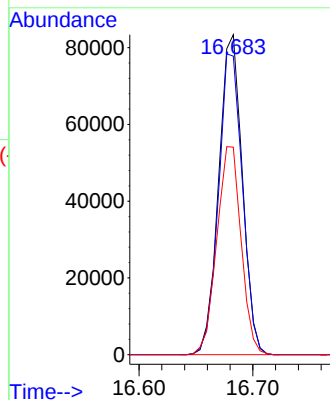
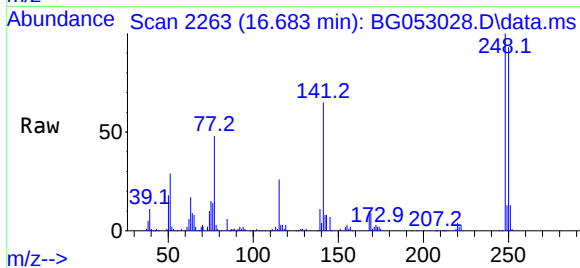
PB143836BS

Tgt Ion:248 Resp: 12027
Ion Ratio Lower Upper
248 100
250 93.3 77.9 116.9
141 64.8 49.2 73.8

Manual Integrations

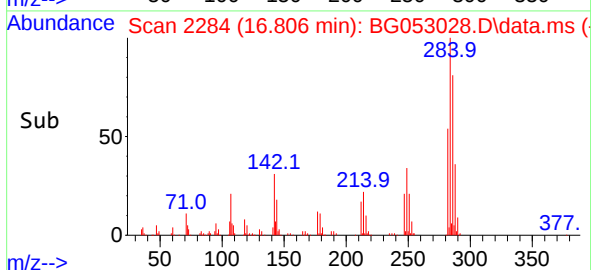
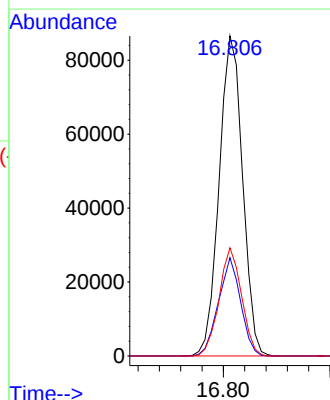
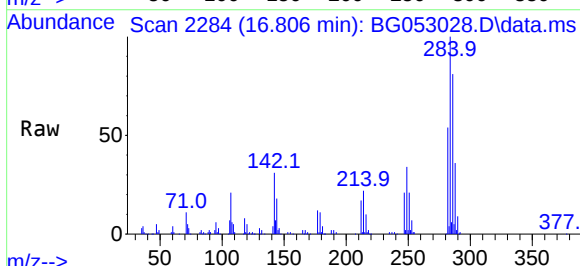
APPROVED

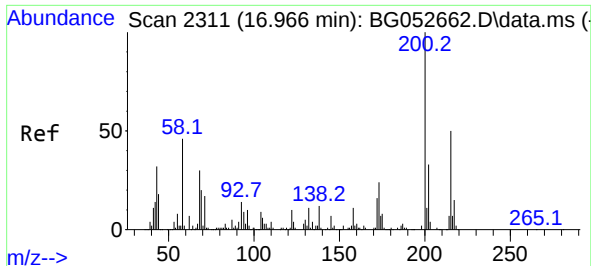
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#68
Hexachlorobenzene
Concen: 43.129 ng
RT: 16.806 min Scan# 2284
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

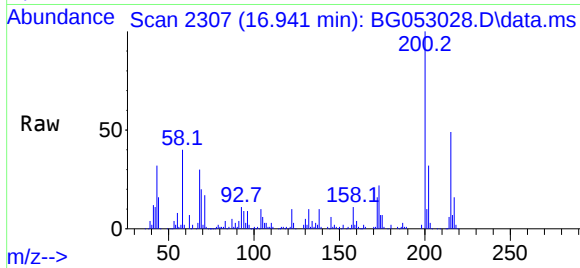
Tgt Ion:284 Resp: 131811
Ion Ratio Lower Upper
284 100
142 30.7 21.0 31.4
249 33.8 22.7 34.1





#69
Atrazine
Concen: 49.407 ng
RT: 16.941 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

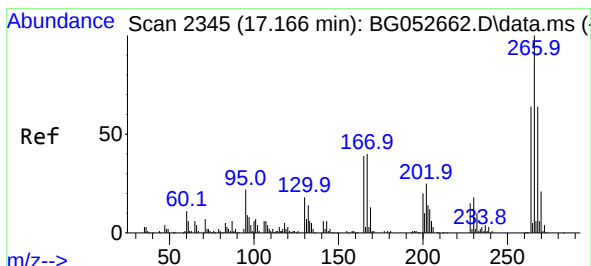
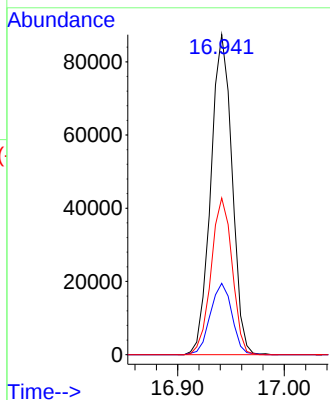
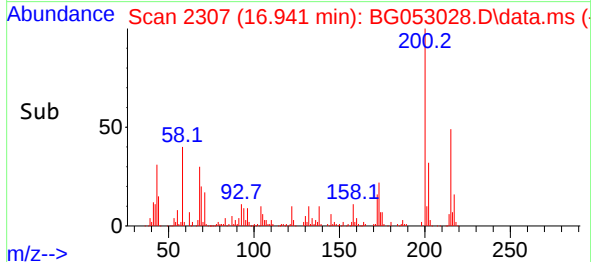
Instrument :
BNA_G
ClientSampleId :
PB143836BS



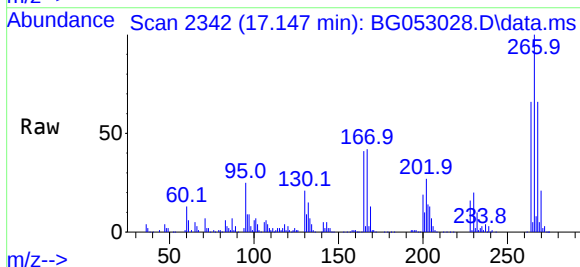
Tgt Ion:200 Resp: 120959
Ion Ratio Lower Upper
200 100
173 22.3 3.8 43.8
215 49.0 26.3 66.3

Manual Integrations
APPROVED

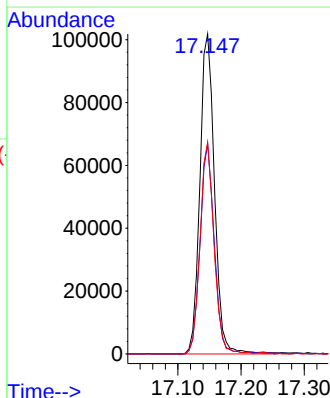
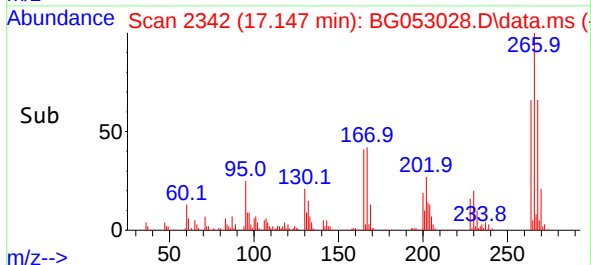
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

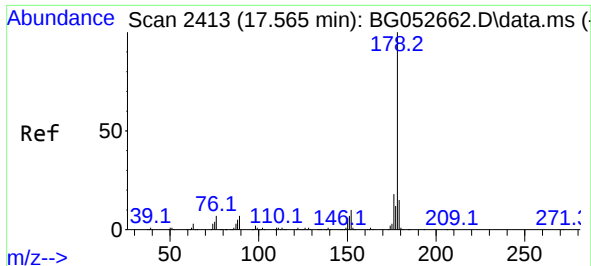


#70
Pentachlorophenol
Concen: 86.508 ng
RT: 17.147 min Scan# 2342
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38



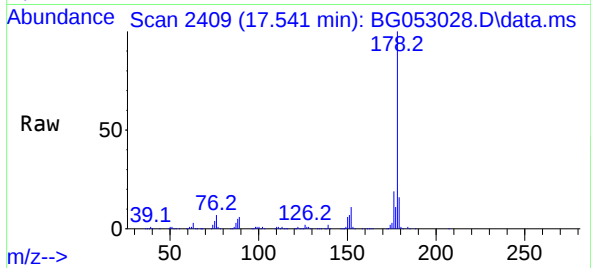
Tgt Ion:266 Resp: 164022
Ion Ratio Lower Upper
266 100
268 65.6 45.9 68.9
264 66.2 45.3 67.9





#71
Phenanthrene
Concen: 41.813 ng
RT: 17.541 min Scan# 2413
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

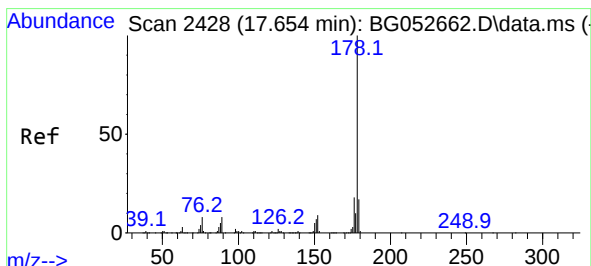
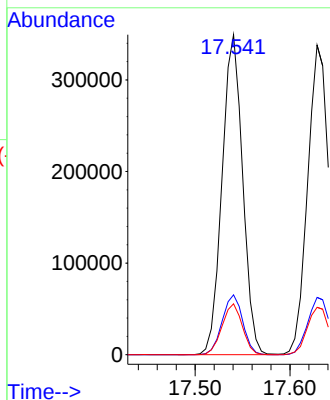
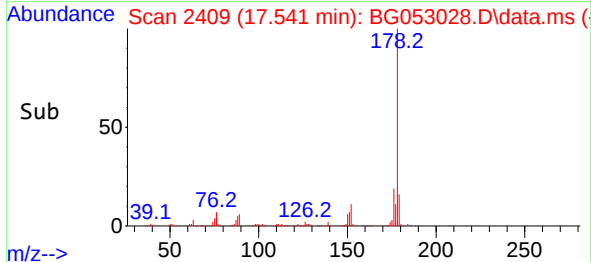
Instrument :
BNA_G
ClientSampleId :
PB143836BS



Tgt Ion:178 Resp: 527540
Ion Ratio Lower Upper
178 100
176 18.7 15.9 23.9
179 15.9 13.4 20.2

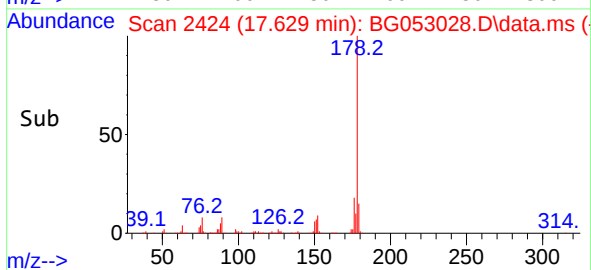
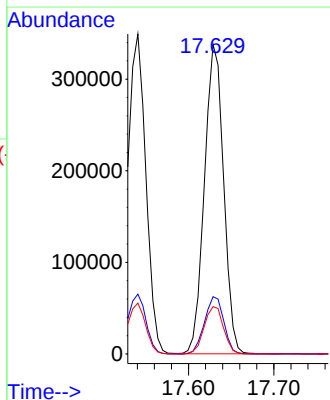
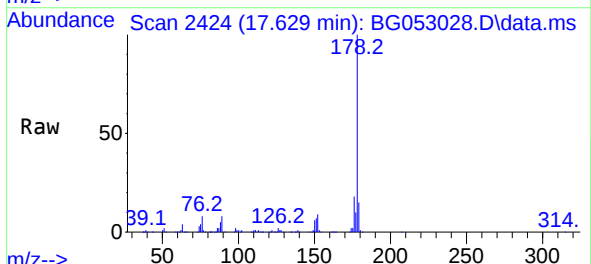
Manual Integrations
APPROVED

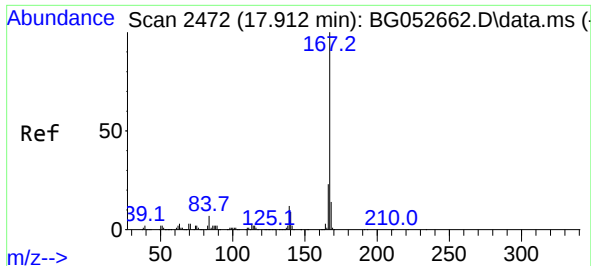
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#72
Anthracene
Concen: 42.287 ng
RT: 17.629 min Scan# 2424
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

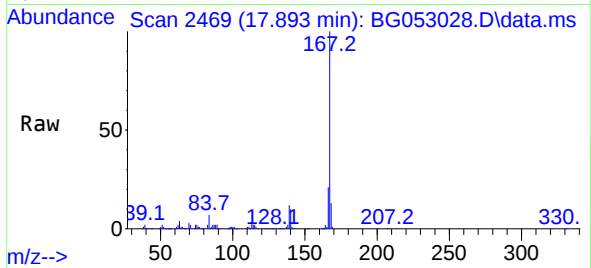
Tgt Ion:178 Resp: 527420
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.3 13.2 19.8





#73
Carbazole
Concen: 40.251 ng
RT: 17.893 min Scan# 2472
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

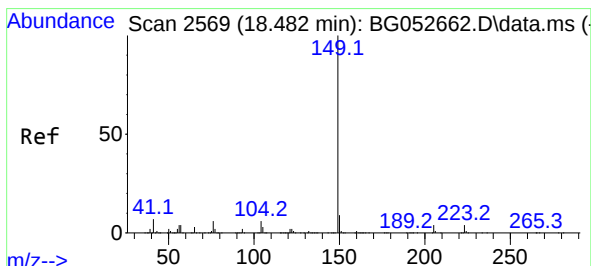
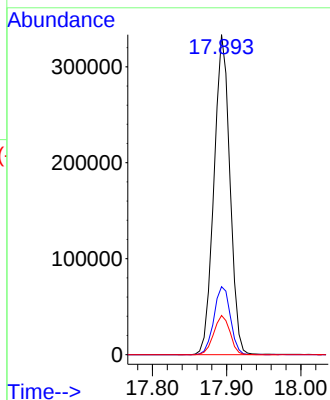
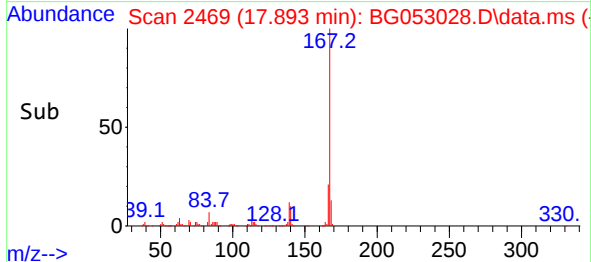
Instrument :
BNA_G
ClientSampleId :
PB143836BS



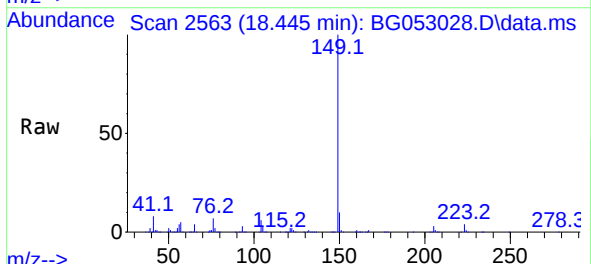
Tgt Ion:167 Resp: 497205
Ion Ratio Lower Upper
167 100
166 21.3 18.5 27.7
139 12.3 10.0 15.0

Manual Integrations
APPROVED

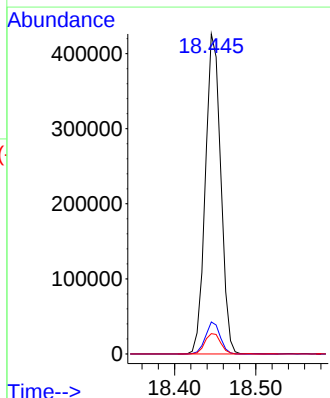
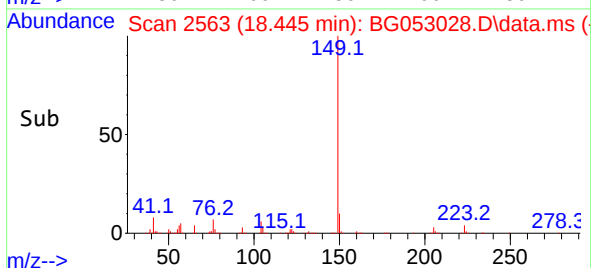
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

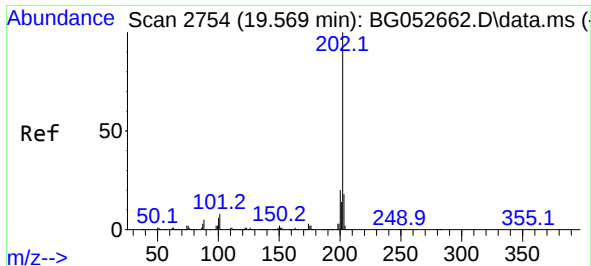


#74
Di-n-butylphthalate
Concen: 41.381 ng
RT: 18.445 min Scan# 2563
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38



Tgt Ion:149 Resp: 558413
Ion Ratio Lower Upper
149 100
150 10.0 7.0 10.6
104 6.3 4.6 7.0





#75
Fluoranthene
Concen: 43.217 ng
RT: 19.544 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Instrument :

BNA_G

ClientSampleId :

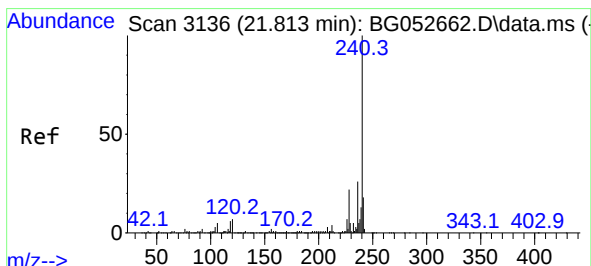
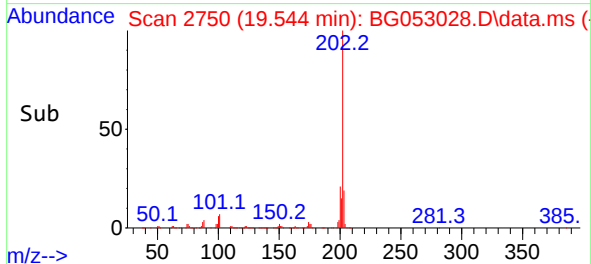
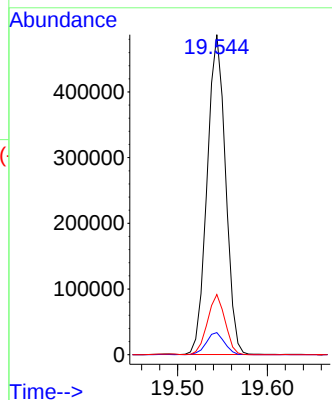
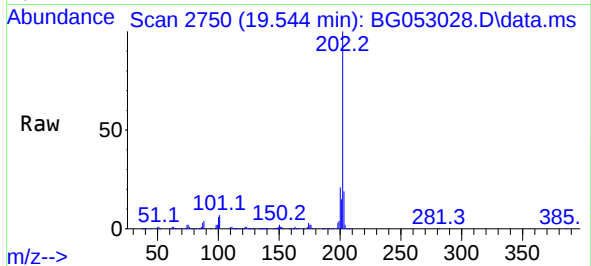
PB143836BS

Tgt Ion:202 Resp: 692144
Ion Ratio Lower Upper
202 100
101 6.9 0.0 27.3
203 18.8 0.0 37.7

Manual Integrations

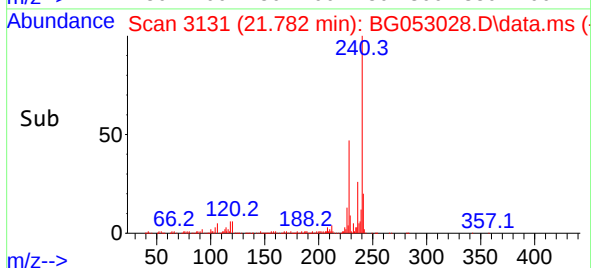
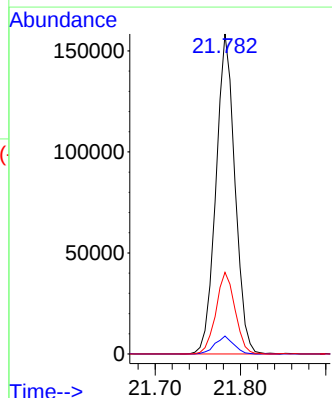
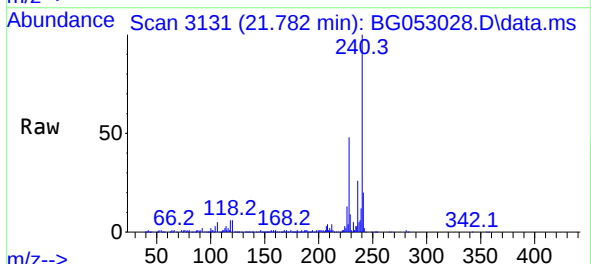
APPROVED

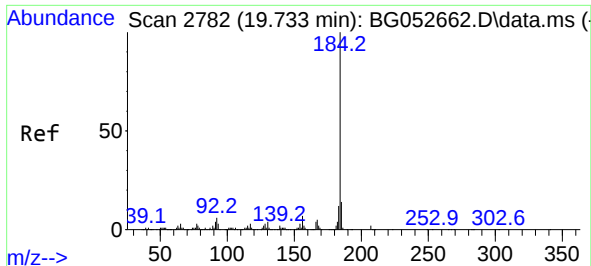
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.782 min Scan# 3131
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Tgt Ion:240 Resp: 244841
Ion Ratio Lower Upper
240 100
120 5.6 5.4 8.0
236 25.5 19.8 29.6





#77
Benzidine
Concen: 39.658 ng
RT: 19.714 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Instrument :

BNA_G

ClientSampleId :

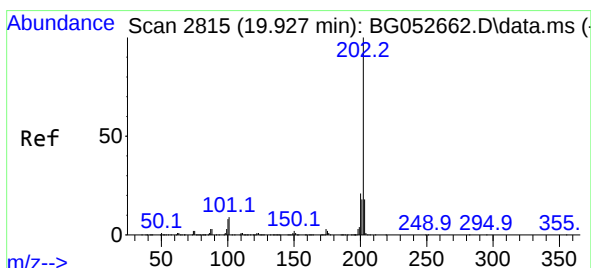
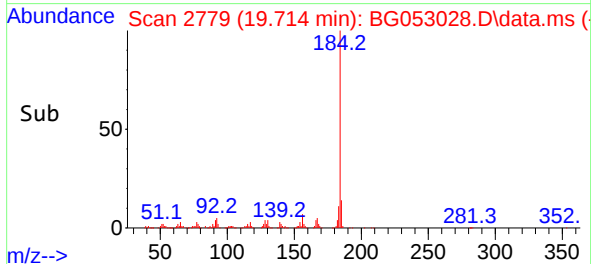
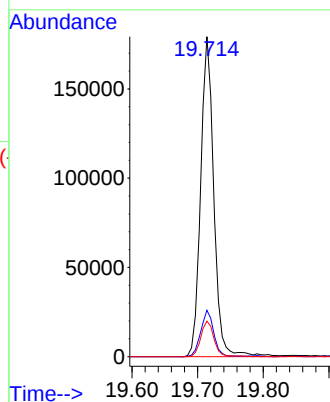
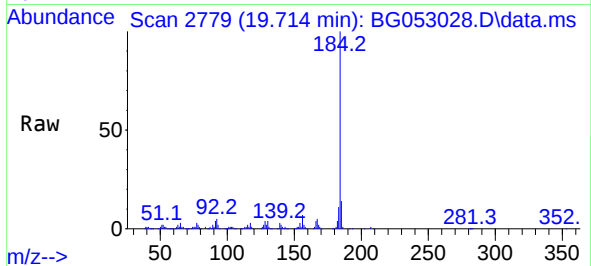
PB143836BS

Tgt Ion:184 Resp: 250438
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 11.1 9.4 14.2

Manual Integrations

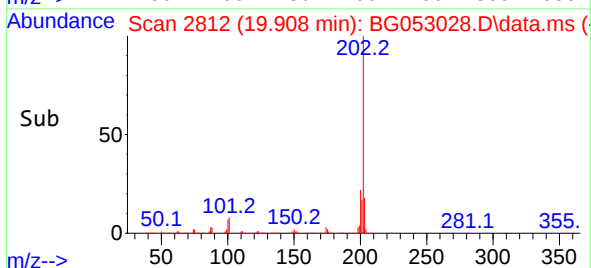
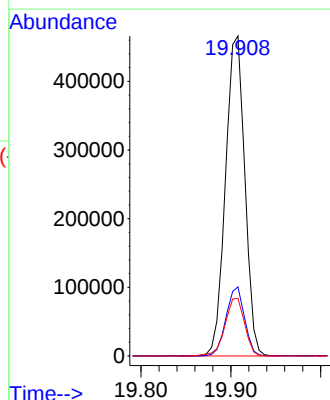
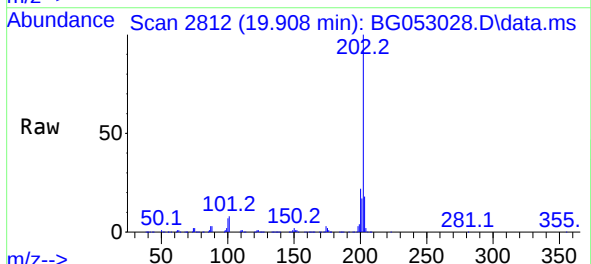
APPROVED

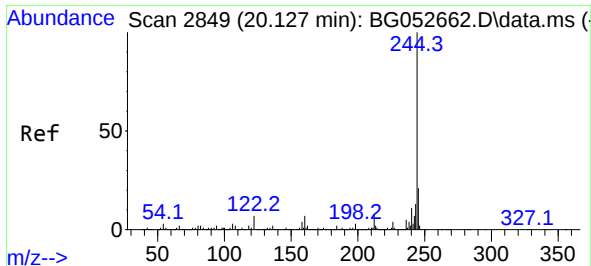
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#78
Pyrene
Concen: 41.047 ng
RT: 19.908 min Scan# 2812
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Tgt Ion:202 Resp: 697130
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.6
203 18.0 15.0 22.6





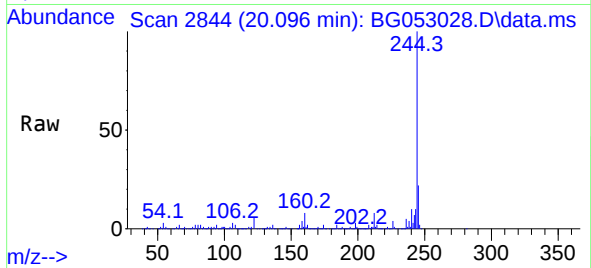
#79
 Terphenyl-d14
 Concen: 76.854 ng
 RT: 20.096 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG053028.D
 Acq: 5 Apr 2022 12:38

Instrument :

BNA_G

ClientSampleId :

PB143836BS

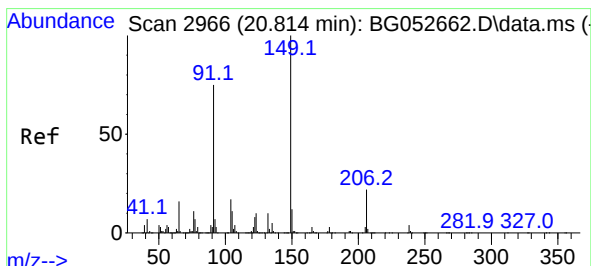
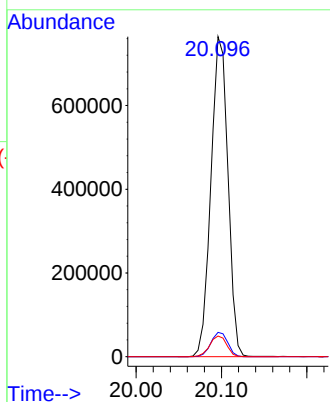
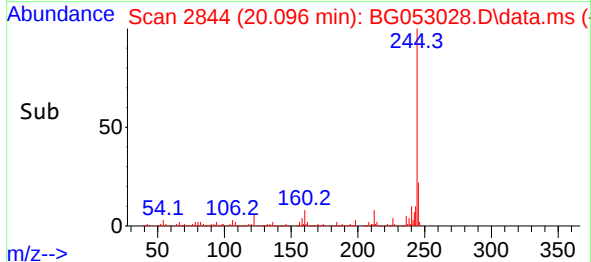


Tgt Ion:244 Resp: 105782
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 6.5 5.8 8.6

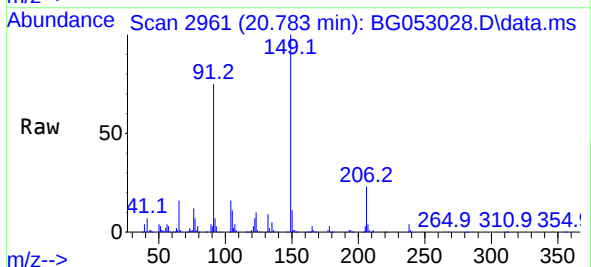
Manual Integrations

APPROVED

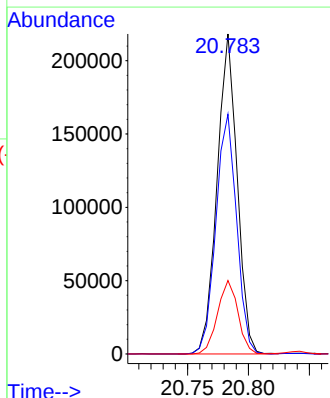
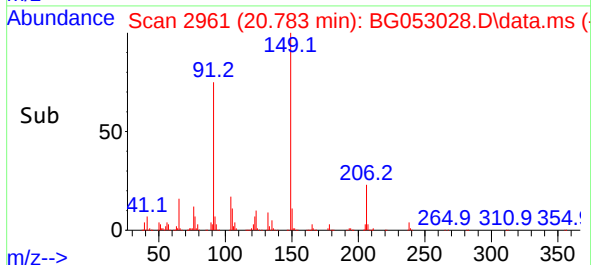
Reviewed By :Christian Giraldo 04/06/2022
 Supervised By :Jagrut Upadhyay 04/06/2022

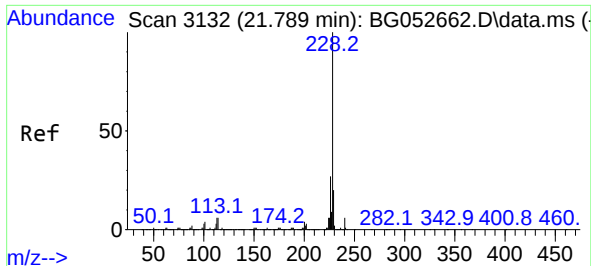


#80
 Butylbenzylphthalate
 Concen: 41.593 ng
 RT: 20.783 min Scan# 2961
 Delta R.T. 0.005 min
 Lab File: BG053028.D
 Acq: 5 Apr 2022 12:38



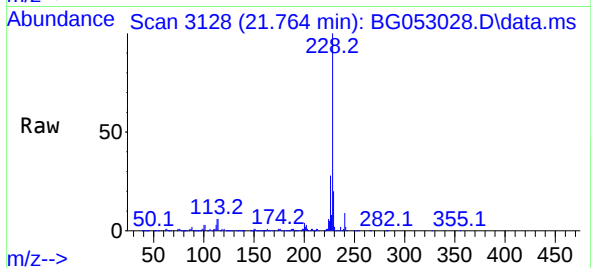
Tgt Ion:149 Resp: 250584
 Ion Ratio Lower Upper
 149 100
 91 74.9 60.2 90.4
 206 23.0 19.4 29.2





#81
Benzo(a)anthracene
Concen: 40.844 ng
RT: 21.764 min Scan# 3112
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

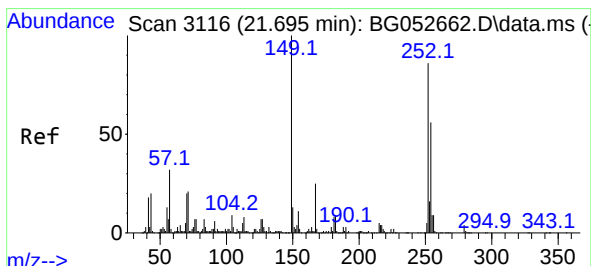
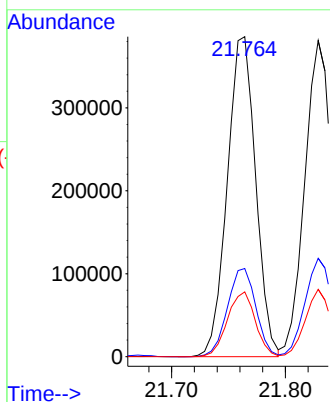
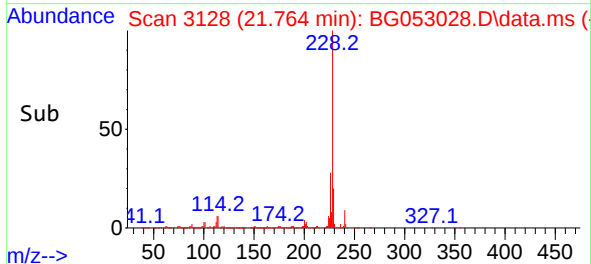
Instrument :
BNA_G
ClientSampleId :
PB143836BS



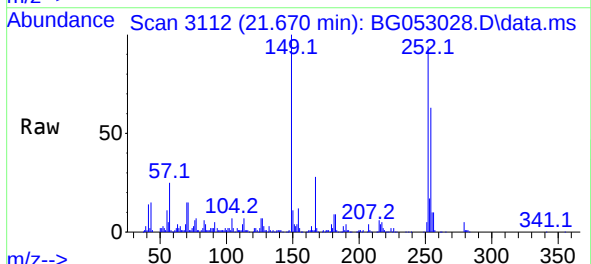
Tgt Ion:228 Resp: 669630
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 20.3 16.7 25.1

Manual Integrations
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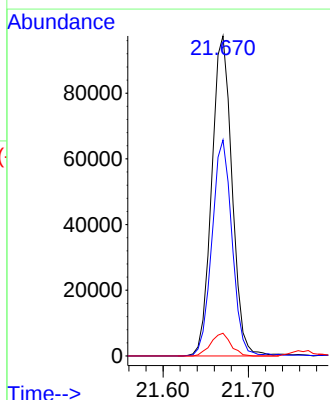
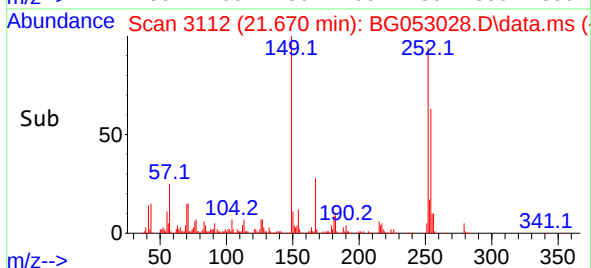
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

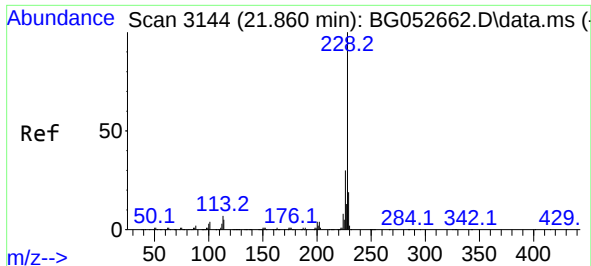


#82
3,3'-Dichlorobenzidine
Concen: 27.859 ng
RT: 21.670 min Scan# 3112
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38



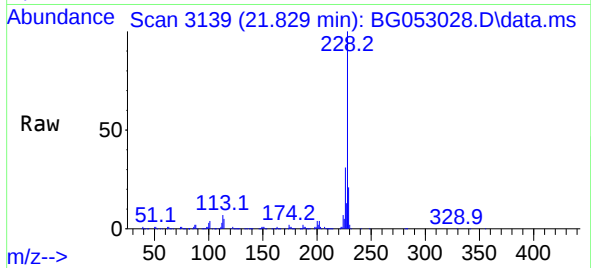
Tgt Ion:252 Resp: 161293
Ion Ratio Lower Upper
252 100
254 67.5 51.2 76.8
126 7.1 5.8 8.8





#83
Chrysene
Concen: 41.251 ng
RT: 21.829 min Scan# 3110
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

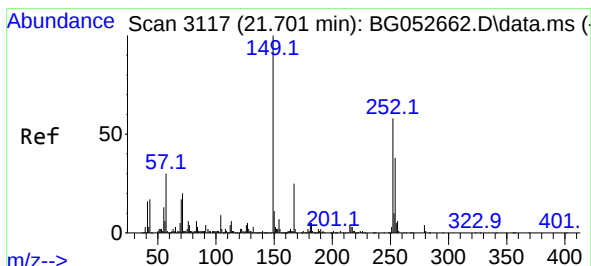
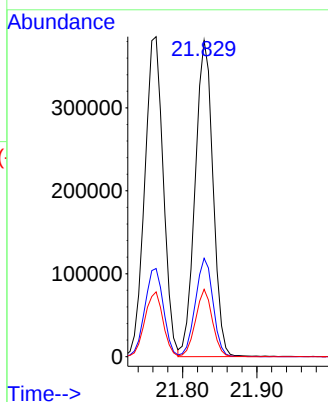
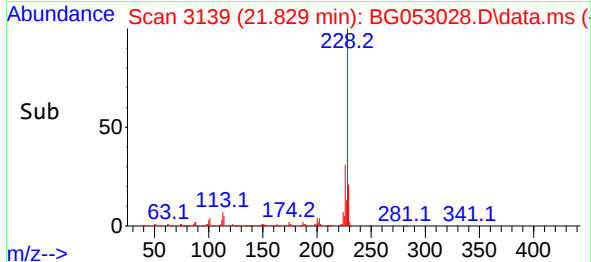
Instrument :
BNA_G
ClientSampleId :
PB143836BS



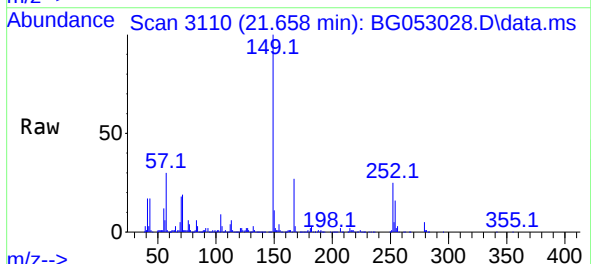
Tgt Ion:228 Resp: 635804
Ion Ratio Lower Upper
228 100
226 31.1 24.2 36.4
229 21.3 16.3 24.5

Manual Integrations
APPROVED

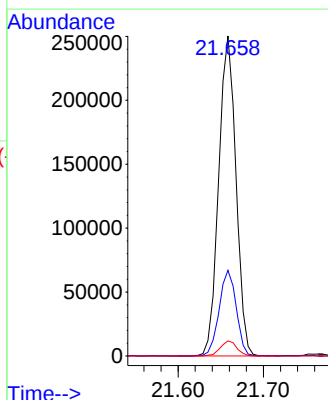
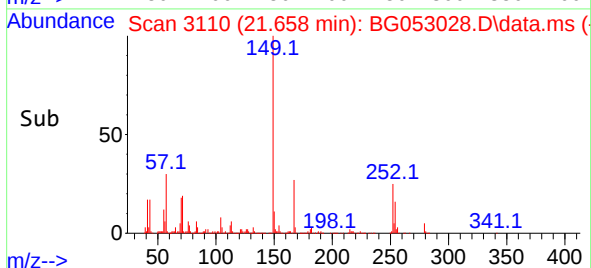
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

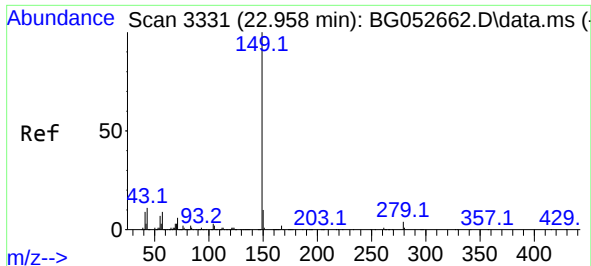


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.040 ng
RT: 21.658 min Scan# 3110
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38



Tgt Ion:149 Resp: 352636
Ion Ratio Lower Upper
149 100
167 26.8 21.4 32.2
279 4.7 3.8 5.8





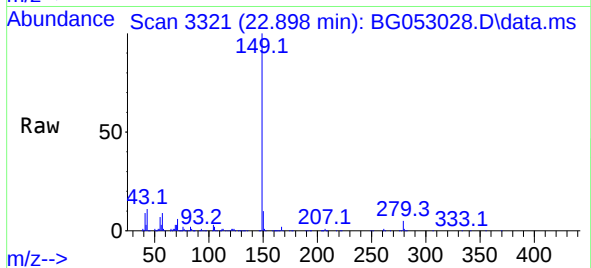
#85
Di-n-octyl phthalate
Concen: 44.027 ng
RT: 22.898 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Instrument :

BNA_G

ClientSampleId :

PB143836BS

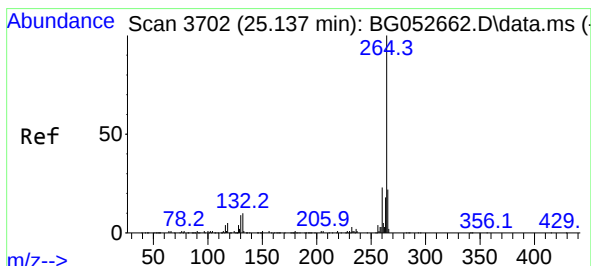
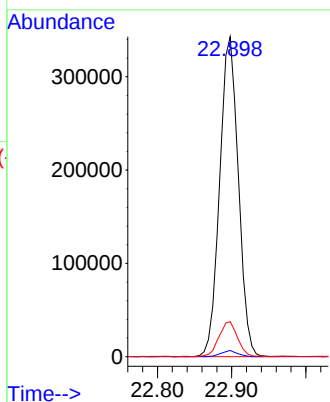
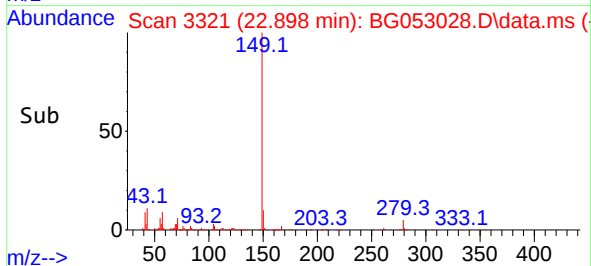


Tgt Ion:149 Resp: 60051
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.0 7.6 11.4

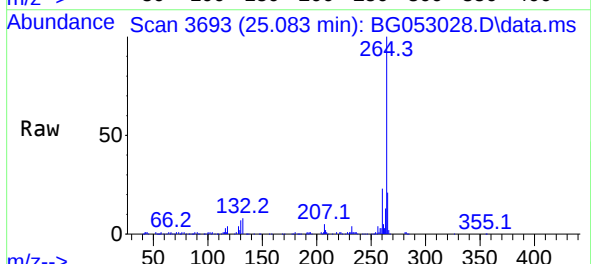
Manual Integrations

APPROVED

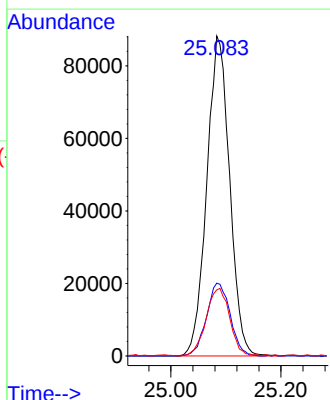
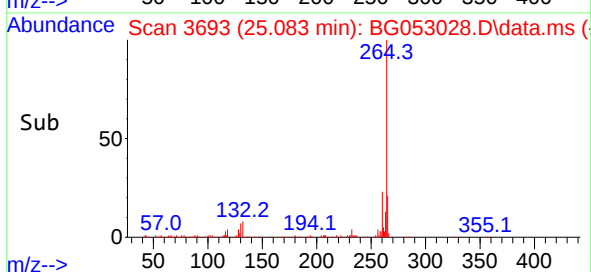
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

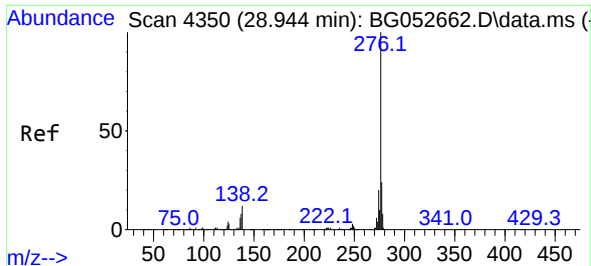


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.083 min Scan# 3693
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38



Tgt Ion:264 Resp: 253860
Ion Ratio Lower Upper
264 100
260 22.8 18.2 27.2
265 20.6 15.1 22.7





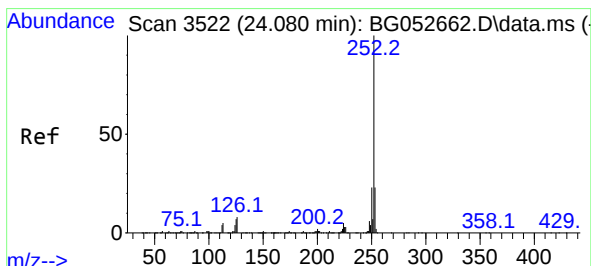
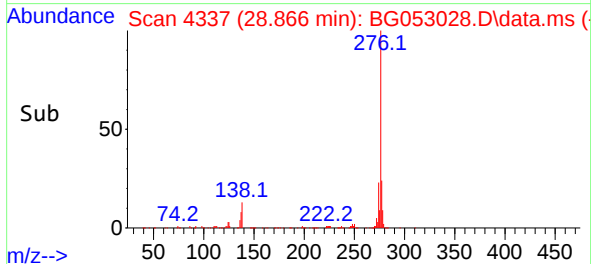
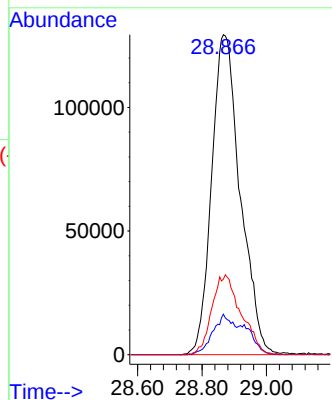
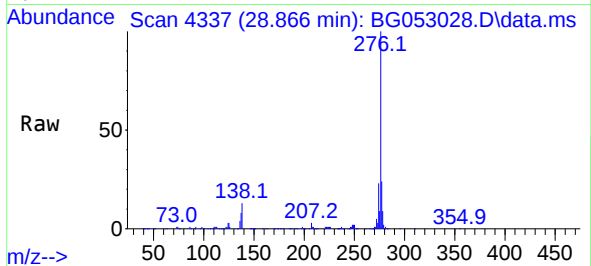
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.946 ng
RT: 28.866 min Scan# 41
Delta R.T. -0.001 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Instrument :
BNA_G
ClientSampleId :
PB143836BS

Tgt Ion:276 Resp: 798364
Ion Ratio Lower Upper
276 100
138 9.1 8.7 13.1
277 25.5 20.2 30.4

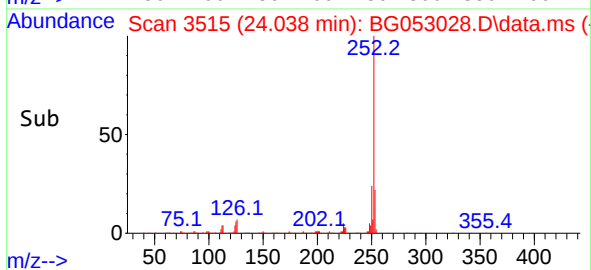
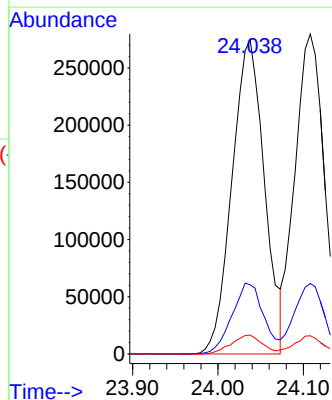
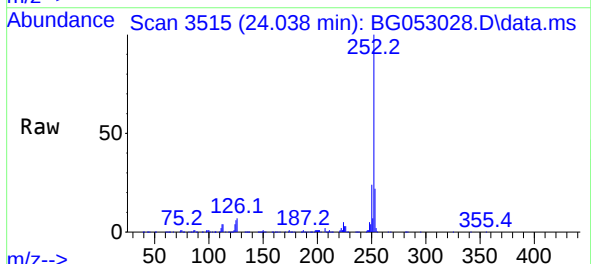
Manual Integrations
APPROVED

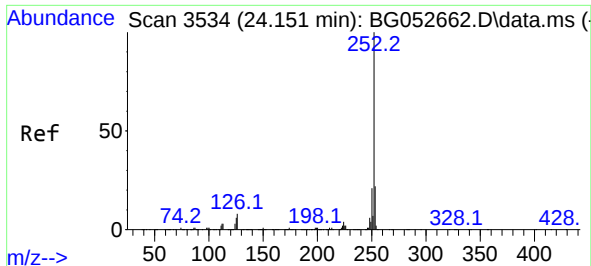
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#88
Benzo(b)fluoranthene
Concen: 45.948 ng
RT: 24.038 min Scan# 3515
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Tgt Ion:252 Resp: 724243
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 6.0 5.2 7.8





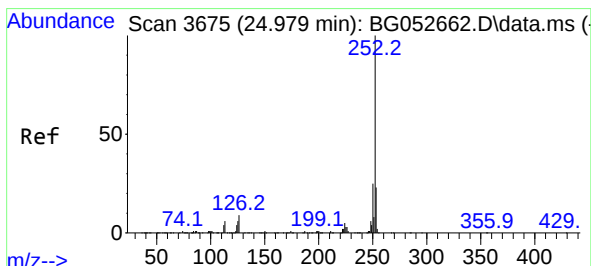
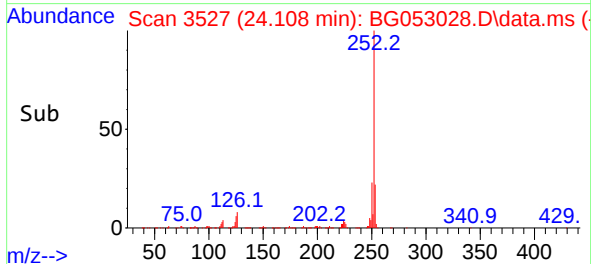
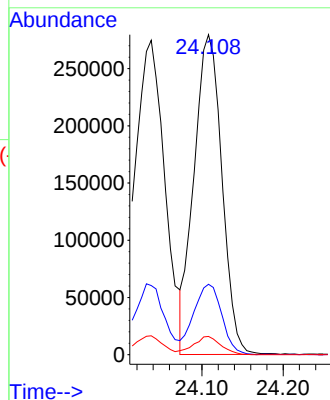
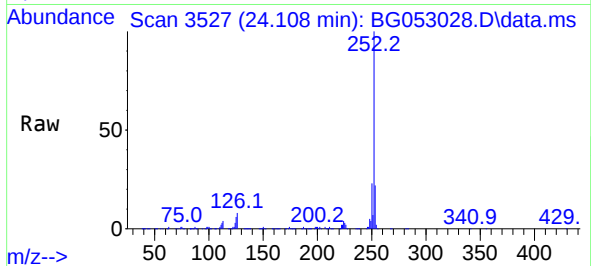
#89
Benzo(k)fluoranthene
Concen: 43.011 ng
RT: 24.108 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

Instrument :
BNA_G
ClientSampleId :
PB143836BS

Tgt Ion:252 Resp: 66701
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 5.7 5.0 7.4

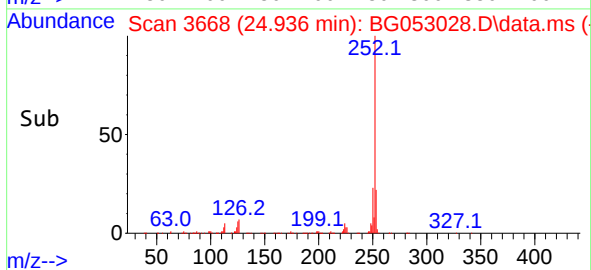
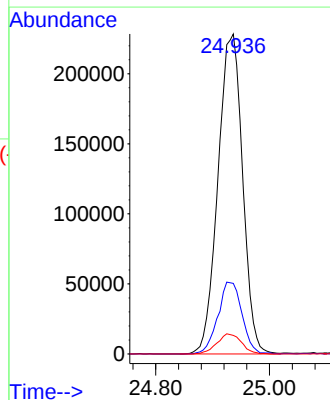
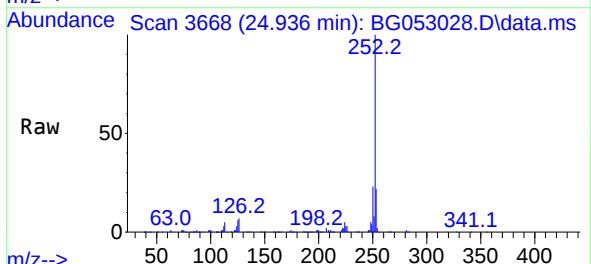
Manual Integrations
APPROVED

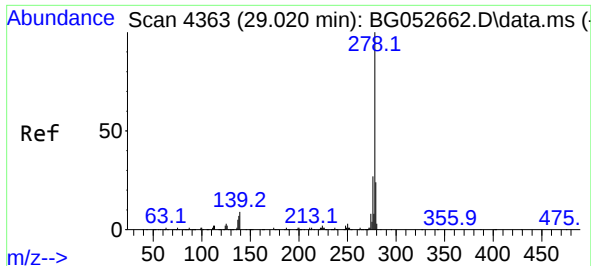
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#90
Benzo(a)pyrene
Concen: 51.461 ng
RT: 24.936 min Scan# 3668
Delta R.T. 0.011 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

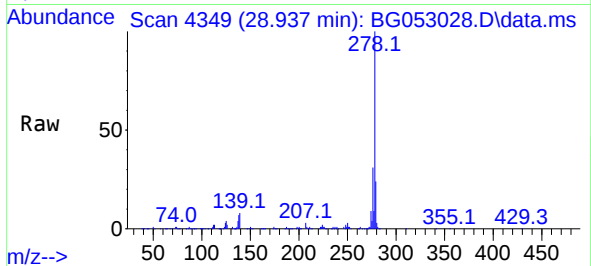
Tgt Ion:252 Resp: 686616
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 5.8 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 46.507 ng
RT: 28.937 min Scan# 41
Delta R.T. 0.005 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38

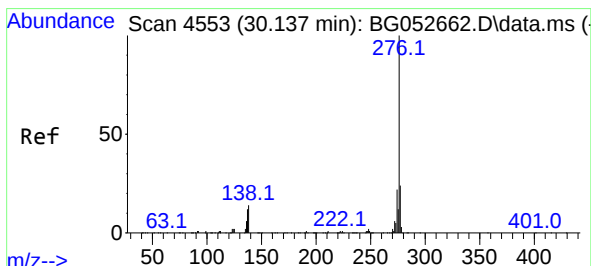
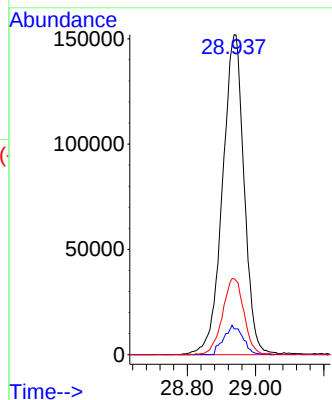
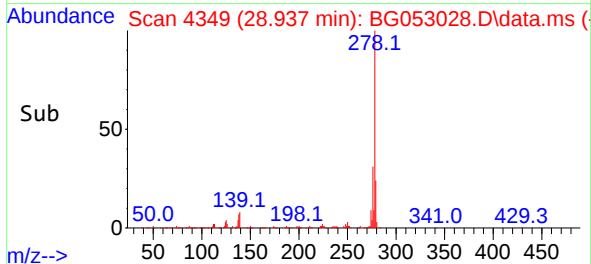
Instrument :
BNA_G
ClientSampleId :
PB143836BS



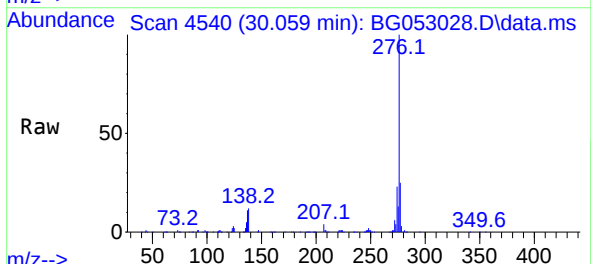
Tgt Ion:278 Resp: 665878
Ion Ratio Lower Upper
278 100
139 8.0 7.8 11.6
279 23.8 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#92
Benzo(g,h,i)perylene
Concen: 46.916 ng
RT: 30.059 min Scan# 4540
Delta R.T. 0.011 min
Lab File: BG053028.D
Acq: 5 Apr 2022 12:38



Tgt Ion:276 Resp: 664641
Ion Ratio Lower Upper
276 100
277 24.8 18.2 27.2
138 12.0 9.1 13.7

